Weber
of Stevens Point
—the
Fly Tackle Capital of America

25¢ and enlarged Color Catalog Fly Free—NOT Free

YOU must send 25¢ and dealer's name for this book showing Weber flies, tackle and "lifelike" luringnovelties—many plates in full color—valuable hints on casting. Besides all standard patterns, this book features tackle especially for American style fly-fishing, including ALL fresh water game fish as well as trout! The sport-seeker's biggest quarter's-worth but you get your 25¢ back twice: we credit you 25¢ on the first order from catalog and send you a *25¢ fly free.*

Instead of Fly, get Free this new "Reddi-Moist" Pocket Leader Pouch of Transparent oilskin. Perfection itself.

Better Yet. Slip in a dollar bill for $1.00 in goods and get Catalog and choice of Pouch or Fly FREE . . . . Say which.

Winners for 1930

Weber Wet and Dry Flies. Weber and Authorized Dr. Henshall Fly Lures. Straintest and No-c-um Leaders. Weber Fly Rods, Reels, Lines.

Genuine Weber "Monogram" 3-joint Fly Rod at $15.00

Here it is:

New Fly Rod Mouse

Feather-light, weedless, easy on rod. Lifelike imitation that fools big trout or bass. Hook sizes 2 and 1/0, each 75 cents.

"Aklenymph" "Plugakle" "Whiskerakle" New Lifelike Lures

Improved "Roll-up" Line Dresser

Handiest, most practical little fingerful you ever had. Roll-up grain leather cover-sheep-wool pad greatly improved dressing compound outrivalling the famous and long-guarded Old World secret formulas. Send 50c and be glad.

"Aklenat"

Early season, dry Quickest drying. Rides extra high each 30c

Henshall Super-Valu Fly Reel

Never before a reel value to match this. Genuine die-moulded, reinforced Bakelite. Extreme strength yet very light. Won't bend, dent or break from ordinary fishing hazards—"brookies" to bass or salmon. Capacity, 100 ft. "C" line.

Indeed a Super Value at $5

"If Weber Makes It—a Fish Takes It"

The Weber Lifelike Fly Co.
Stevens Point, Wis.
Also Operating
ROSI FISHING TACKLE CO. (Est. 1896)
and KINNICKINNIC TACKLE CO.

Patronize your local dealer. If he cannot supply you we will.
Address P. O. Box Stevens Point, Wis.

Above advertisement appears in all National Outdoor Magazines. Much larger advertisements follow throughout the season.

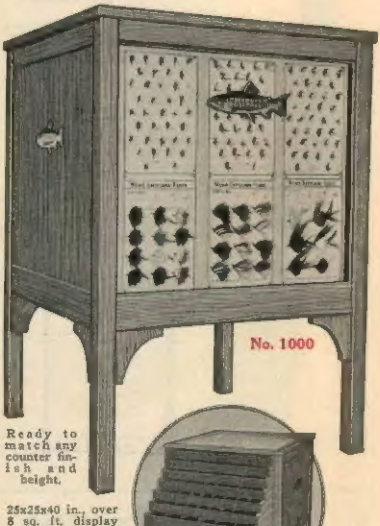
100% Sales Help

Note in all Weber Ads quick attention drawn to dealer's Names.

Weber Advertising Is YOUR Advertising

—*Greatly Increased for 1930*

IT IS the keynote of the Weber far-seeing policy in consumer advertising to capitalize for your benefit the well-known desire of fly casters and beginners to ask information and advice from factory headquarters. On lines long proved sound and effective, our advertising therefore takes on the expensive burden of inviting and encouraging this direct correspondence for the sake of catalog distribution and opening acquaintance. Thereafter we are emphatic in advising them to buy locally. Our own tested experience and other merchandising history proves that this system unfailingly builds business for the retail store and insures full jobbing service — thus fulfilling the Weber policy of Dealers and Jobbers first!



No. 1000

More advertising than ever for 1930

Stock-Keeping and Display Cases

furnished with Weber Goods in sizes proportioned to your stock.

Ready to match any counter finish and height.

25x25x40 in., over 8 sq. ft. display under glass. 264 compartments holding full stock of Flies, Snelled Hooks, Leaders—as much as can be held in 2 ordinary 10 ft. cases.

Handsomest Window Trim

Fish in Natural Size and Colors

The new Weber window display is a 40" cutout of the illustration shown on our catalog cover. It is lithographed in lifelike colors and is a fitting background for the other Weber Sales Helps. All Free — part of our proposition.

No. 96, 24 in.

NOTE that every advertisement in the big Weber Campaign closes with strong emphasis on buying at your store.

Many Other Helps Free

Tournament Casting Rules

Regulations Governing Official Events Recognized by National Association of Scientific Angling Clubs

Official Events

1. Accuracy Fly—5¾-oz. Rod.
2. Dry Fly Accuracy—5¾-oz. Rod.
3. Dry Fly Accuracy—5¾-oz. Rod. (Unknown Distances.)
4. Distance Fly—4¾-oz. Rod.
5. Distance Fly—5¾-oz. Rod.
6. Salmon Fly.
7. Accuracy Bait—Half-ounce.
8. Accuracy Bait—Quarter-ounce.
9. Accuracy Bait—Fisherman's ⅛-oz. Plug.
10. Distance Bait—Half-ounce.
11. Distance Bait—Quarter-ounce.
12. Distance Bait—⅛-oz. Plug.

Accuracy Bait, ½ Ounce

Rod unrestricted. Reel must be free running, without click, drag, brake, spring or abnormal device or adjustment which would tend to retard the movement of the spool except that, any so-called anti-back lash or level winding reel of any standard manufacture be accepted for accuracy bait events only. Line unrestricted. Weight to be official half-ounce casting weight. Single-handed casting.

The regulation target is to be used in this event. It will have a "perfect" center, thirty (30) inches in diameter and be so arranged that it can be located at distances of 60, 70, 80, 90 and 100 feet from casting point on platform to exact center of bull's-eye. There shall be made two casts at the target at each of the distances, viz.: ten casts in all. If casting weight falls within the 30-inch center, the cast shall be considered perfect. For each foot or fraction of a foot away from the 30-inch center, a demerit of one shall be made. The sum total of such demerits, divided by the number of casts, shall be the demerit percent. The demerit percent, deducted from 100, shall constitute the percentage. One cast shall be made by each contestant in turn at 60 feet and likewise consecutively at 70, 80, 90 and 100 feet, then reversing same order, from 100 feet back to 60 feet. If weight strikes any ring or target, cast scores as though just inside of said ring. In case contestant casts with drag or click or if line breaks before weight touches the water at the end of cast it shall constitute a "foul" and contestant must cast again to score. No more than ten demerits shall be given for any one cast.

Accuracy Bait, ¼ Ounce

Conditions, methods, rules, scoring and target in this event shall be exactly similar to those of the Accuracy Bait ½ ounce event, except that weight shall be of the official quarterounce casting weight and the distances of the target from casting point on platform shall be 60, 65, 70, 75 and 80 feet to exact center of bull's-eye.

Fisherman's Accuracy Bait—(Unknown Distances)

This event shall be governed by the N. A. S. A. C. Rules for ¼-oz. Accuracy Bait, except as follows: The lines used in this event shall be standard and furnished by the Association. This line without leader or trace of any sort to be one continuous length to the point where it is attached to the plug. Weight to be a ⅛-ounce wooden plug officially adopted by the N. A. S. A. C. Five targets consisting of 30-inch rings scattered at random shall be anchored at distances unknown to the caster. No target shall be at a greater distance than 80 feet nor at a less distance than 40 feet from the casting point. Two casts will be allowed at each target as the captain directs.

Average Distance Bait, ½ Ounce

Rod unrestricted. Reel must be free running without click, drag, brake, spring or abnormal device or adjustments which would tend to retard the movement of the spool. Line unrestricted. Weight to be the official half-ounce casting weight. Single handed casting.

The casting in this event shall be done on the lawn. Contestants each to make five (5) casts in turn, one cast at a time. Length of cast to be computed from casting point to where weight falls. The sum total of the five casts in feet, divided by the number of casts shall be the average and constitute the score of the contestant.

If line or leader parts after casting weight has left its starting position at tip of rod the cast shall be scored 0.

If contestant casts with click or drag it shall constitute a "foul" and contestant must cast again to score.

HERE is one phase of outdoor recreation that has shown a steady increase every year for many years. Both fresh and saltwater angling are extremely popular, and every merchant who stocks sports equipment knows that his tackle department is one of the most active when the various fishing seasons arrive.

One outstanding factor in the sale of fishing tackle today is the trend towards higher quality equipment. Bait and fly casting rods that retail anywhere from $35 to $75 found ready customers during the past year, and there are hundreds of other anglers still at large whose desire it is to own a high-grade fishing rod. Just like a boy with a new toy, so it is with a fisherman and his new rod. The best is none too good when the desire for possession strikes either mind.

Fishing tackle manufacturers have done much towards developing tackle customers the past few years. The complete programs of window display material, sales helps and co-operation with dealers has helped wonderfully to create greater sales throughout the country. Practically all of the leading manufacturers have some form of cooperation to offer the jobber and retailer, which, in turn, adds just that much more to increased business volume.

Tournament casting also took a big jump upwards in public interest. National and state events were staged in many of the principal cities of the United States during the summer months. These contests helped to create a desire among hundreds of fishermen to learn how to cast successfully. The result has been, more tackle sold, and the tournament caster, out of necessity, uses the finest rods, reels and lines obtainable.

Tackle sales will show another substantial increase in 1930. Orders should be placed early this year. A shortage of certain popular tackle items may result at the time you need them most. Loss of profits and business always accompanies the failure to purchase promptly and carry a complete stock when the demand is at its peak.

PISCATAWAY — *The Way to Greater Profits and Sales*

Baseball Uniforms "AA" Quality

WE take pride in offering a line of Baseball uniforms that is incomparable—patterns which are exclusively Piscataway—Uniforms that have the snap. They sell themselves. If you want to be up-to-date—

TRY PISCATAWAY!

The Victory

Emerald

Princeton

PROFESSIONAL GRADES

Professional grades, extra fine quality heavy 16 oz. wool flannel, complete showing of staple and exclusive designs:

COLORS: White, White-navy (narrow); White-navy (broad), White-Scarlet (Combo Stripe), Oxford-navy, Powder-blue, Powder-blue-navy, Buff, Red Heather, Red Heather (Combo Stripe), Shamrock, Victory, Ace, Sunset.

Complete Outfit consists of the following:

SHIRT—AA grade, front pleat, well tailored, covered seams, full cut for freedom and action.

LETTERING—Any club name, block or script or lettering on sleeve, single zone. Other lettering or shaded letters, extra charge. Industrial names over nine (9) letters extra.

PANT—AA grade, full cut, covered seams, tunnel belt loops, single pleated pocket, elastic at knee. Snugtex, The Non-Skid Waist Band.

CAP—Plain color or to match uniform, extra fine quality flannel, good quality flannel under peak and binding. Special designed peak. Genuine heavy leather sweat band, full cut sizes, form-fit. Long peaks extra.

BELT—Black 1½" wide, genuine bridle heavy 6 oz. harness leather, stitched nickel buckle, extra strong.

HOSE—Any of the popular grades listed below, any striping; footless or with feet. Prices varying with hose selected.

PRICE FOR COMPLETE OUTFIT

With No. 3000 Hose.....$18.20
With No. 1500x Hose..... 18.00
With No. 1500 Hose..... 17.50

When ordering uniforms give exact chest, waist and hip measurements, our patterns are designed to give the necessary fullness.

STATE CLEARLY STYLE, LETTERING AND GRADE OF HOSE

Prices for single Shirts and Pants AA grade
Shirts $8.30 Pant $6.20

Piscataway APM Hosiery

FOOTBALL

THE football season of 1929 was one of particular significance to the sporting goods merchant in many ways. Not only did it clearly demonstrate that the grid game has, in the comparatively past few years, forged ahead to a leading position in spectator interest as evidenced by attendance marks that reached 70,000 and more, but to the merchant who keeps in step with the changing order of things, it gave him some particularly valuable leads on how to prepare for the football business of 1930.

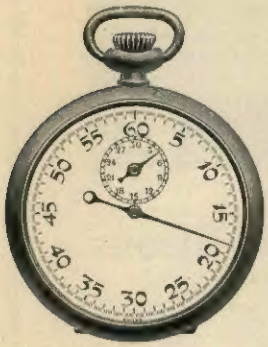
At no time in the history of the game has player and spectator interest been greater. With stadia seating thousands sold out weeks ahead in practically every contest worthy of mention, even in the high school schedules, and at prices equal to those of a Broadway production—if you were lucky enough to get seats—the sporting goods merchant need have little to worry about as regards volume next Fall.

One main point, however, he will have to watch closely in the buying of football goods this year is the change—and a radical change it is, too—in the matter of color in the football players ensemble. The drab khaki is just about out of the picture. Replacing it, is a new wardrobe in which it seems the sky is the limit in color selection. Solomon in all his glory was not arrayed like some of the teams we saw in the season recently ended, and they tell us "we haven't seen anything yet."

Interest in sports builds more interest in sport. There will be more football teams to outfit for 1930 than there were in the season just closed, but be ready for them with —color. Spectators and players both like it.

Sell "ARISTO-PARK" *Stop-Watches for* 1930

They will get the business and mean handsome profits for you



No. 1 Tracktimer

registering 1/5th of seconds. List $14.50. No. 5, same, registering 1/10th of seconds. List $15.50.

No. 11 Football & Basketball

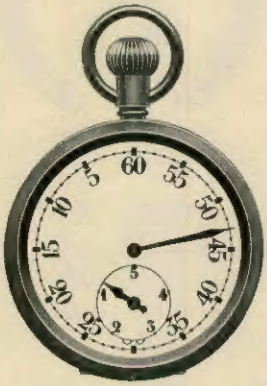
timer with patented side slide locking the timer while running. Registering 1/5th of seconds. List $16.50

No. 55 Combined Track and Football

timer. Locks automatically while timer is running. Registering 1/10th of seconds. List $17.50.
No. 15, same, registering 1/5th of seconds. List $16.50.

No. 100 Split-Second Timer

for horse racing, swimming contests, etc. Several contestants can be recorded with one timer. Registering 1/5th of seconds. List $35.00.



No. 3 Yachting Timer

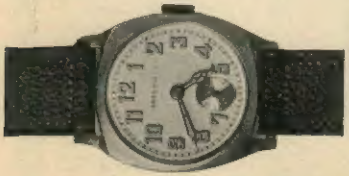
Registering 5 minutes backwards. List $16.00.

No. 1512 Chronograph

Combines ordinary watch with a stop watch. Every sportsman needs one. 15 jewels, gold filled thin model case. List $50.00

No. 60 Chronograph

Chromium plated case. 6 jewels. List $36.00.



No. 104 Aristo Sporting Watch

Constructed to stand hard usage. Comes in chromium plated case, dust and moist proof. Has luminous dial and interchangeable leather strap.

List $10.00

Interchangeable parts contained in every movement of ARISTO PARK make. This cut illustrates the 8 useful parts, including a balance staff with turned pivots, also container and space provided therefor.

Send in for more descriptive pamphlet or samples on approval

ARISTO IMPORT CO., Inc.

12-14-16 John St., New York City

Your Jobber Can Supply You With
Lou J. Eppinger's Famous Products

Dardevles

Wiggle and Wobble—Do Not Twist The Lines

Dardevle—Three Sizes

Below are shown comparative sizes—Dardevle 1 oz. weight, Dardevlet 3/5 oz. weight, Dardevle's Imp 2/5 oz. in weight.

The difference in size is not a difference in effectiveness, but merely a convenience—so that you can use a Dardevle with any weight of casting rod.

Dardevle is just the right weight for the average steel rod or for a stiff bamboo rod.

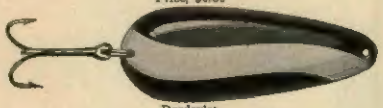
Dardevlet functions perfectly on a steel rod and seems ideal for a light, "whippy" bamboo rod.

It can be cast well with a bamboo rod up to 6 feet in length.

Dardevle's Imp is for use with extremely light weight casting rods, and for those who like to use a very light line—say 9 to 15 pounds test.

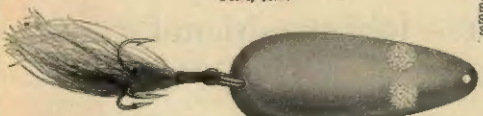
Dardevle's Imp is just as big a killer as its bigger brothers.

Dardevle's Imp
2¼" long, 2-5 oz. weight
Price, $0.80



Dardevlet
2¾" long, 1" wide, 3-5 oz. weight
Price, $0.90

Dardevle
3¼" long, 1¼" wide, 1 oz. weight
Price, $1.00



Mousiedevle No. 151
2¾" long, 1" wide, 3-5 oz. weight
Price, $1.00

Dardevle's

Dardevle	Dardevlet	Imp	
No. 1	No. 101	No. 201	Nickel—Reverse Side Black with White Chunk.
No. 2	No. 102	No. 202	Nickel—Reverse Side Black with White Stripe.
No. 8	No. 108	No. 208	Copper—Reverse Side Red with White Chunk.
No. 9	No. 109	No. 209	Copper—Reverse Side Red with White Stripe.
No. 11	No. 111	No. 211	Nickel—Reverse Green with White Stripe.
No. 15	No. 115	No. 215	Nickel—Reverse Side Red with White Chunk.
No. 16	No. 116	No. 216	Nickel—Reverse Side Red with White Stripe.
No. 22	No. 122	No. 222	All Nickel.
No. 24	No. 124	No. 224	All Copper.
No. 34	No. 134		Pearlydevle.
	No. 151		Mousiedevle.

The Huskie Devle

The Big Fellow, 5½ inches long, 2⅛ inches wide and 3⅛ oz. weight. Huskie Devles have been on the market but a short time, but in that period hundreds of reports have poured in from all the Lake Trout regions, from most of the Muskellunge lakes and streams, and from both coasts, all praising the wonderful qualities of the Huskie Devle as a Go Getter of large fish.

Finishes Carried in Stock

No. 302—Black with White Stripe, reverse side Nickel.
No. 309—Red with White Stripe, reverse side Copper.
No. 322—Nickel Finish, both sides.
No. 324—Copper Finish, both sides.
No. 332—Herring Finish—special for Lake Trout.

We will make any of the regular Dardevle finishes to order without extra charge.

"Huskie" Devle Prices

Equipped with Plain Treble Hook..... $1.50

Junior Huskie

Huskie Junior is 4½ inches long and weighs two ounces.

No. 702—Black with White Stripe, reverse side Nickel.
No. 709—Red with White Stripe, reverse side Copper.
No. 716—Red with White Stripe, reverse side Nickel.
No. 722—Polished Nickel, both sides.
No. 724—Polished Copper, both sides.
No. 732—Herring Finish, reverse side Nickel.

Junior Huskie—Price $1.25.

Osprey Waterproof Casting Lines

PRICES OF OSPREY WATERPROOF SILK CASTING LINES

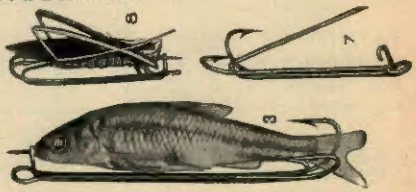
50 Yard Spools, 100 Yards Connected
Furnished in Black or Mottled White and Black Colors

12-pound test,	$1.50	per spool of 50 yards.
15-pound test,	1.75	per spool of 50 yards.
18-pound test,	2.00	per spool of 50 yards.
20-pound test,	2.25	per spool of 50 yards.
23-pound test,	2.50	per spool of 50 yards.
26-pound test,	2.75	per spool of 50 yards.
30-pound test,	3.00	per spool of 50 yards.
35-pound test,	3.50	per spool of 50 yards.

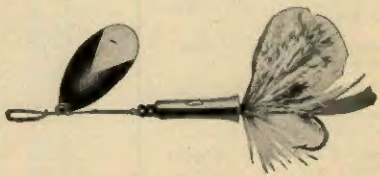
Nostealum Insect Hooks

Designed for all live and natural baits, Insects, Minnows, Grubs, etc. Impossible for fish to steal your bait. They're sure a'goner if they monkey with this Buzz Saw of the Fishook family. Baits can be attached without removing hook from line. You don't squash or otherwise injure the bait. Just insert the pin and clasp it. The material in these hooks is made from Imported Sheffield spring steel, properly tempered.

Size 12, 14 and 15. Price...$0.15 Size 2/0. Price.....$0.20
Size 5, 7 and 9. Price..... .10 Size 4/0. Price..... .25
Size 1 to 3. Price..... .15



Osprey "Notangle" Casting Spinner



Patented Design—with Exclusive Features that Make It a Genuine Winner

601—Black with White Chunk, reverse side Nickel.
602—Black with White Stripe, reverse side Nickel.
615—Red with White Chunk, reverse side Nickel.
616—Red with White Stripe, reverse side Nickel.

Notangle Casting Spinner equipped with choice of Osprey weighted weedless Bass flies, price each complete.....$1.00

Write for Complete Catalog in Colors, Circulars, Counter and Window Trims.

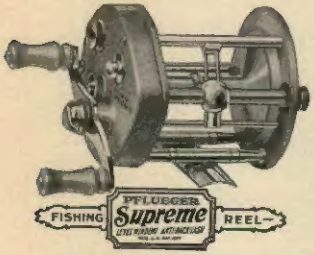
Lou. J. Eppinger, Inc., Detroit, Mich.
Dept.-J.

PREFERRED EVERYWHERE!

By Fresh and Salt Water Fishermen

PFLUEGER

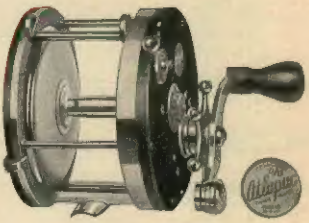
Pronounced FLEW-GER



Pflueger Supreme

The finest expression of Pflueger workmanship. The strongest, lightest, greatest capacity Reel ever built for Fresh Water Fishing

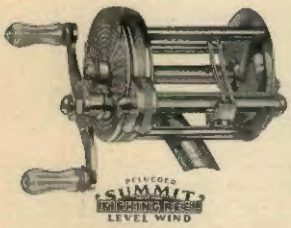
$25.00



Pflueger Atlapac

Positively the finest Salt Water Reel. Sturdily built to withstand the strain of heavy Deep Sea Fishing. The Emergency Drag—a special feature of this reel—makes the playing and landing of a big fish a pleasure

$75.00



Pflueger Summit

Level Wind, Anti-Back-Lash
Superbly built

$10.00

Fishing Tackle

Off the coasts of Florida, in the Michigan woods, on the beaches of Santa Barbara—wherever there is game fishing, you will find Pflueger Tackle bringing the "big ones" in. Today, fishermen so prize Pflueger workmanship they buy more Pflueger tackle than any other kind!

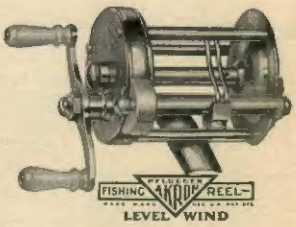
Only outstanding merit, backed by the guiding spirit of three generations of Pfluegers, could have won this nation-wide preference.

With the Pflueger complete line, dealers can meet every angler's want—with one trade-marked stock of guaranteed and nationally advertised tackle, at prices acceptable to all. This means less money tied up in stock, and more rapid turn-over. It means the advertising and sales help such as a Leader in the industry can give.

Are you realizing the most from your Tackle Department? Let us send for Free distribution to your customers, a supply of the new Pocket Catalog No. 149, bigger and better than ever. A sure sales-builder, proved by thousands of dealers. Details below.

THE ENTERPRISE
MANUFACTURING COMPANY
E. A. Pflueger, President
Dept. SGJ-C Akron, Ohio

Oldest and Largest Manufacturers of Fishing Tackle in the U. S.



Pflueger Akron

Where quality meets with low price. A fine, fast, Level-Wind Reel. Formerly $6.00—now

$5.00

New and GREATER Pocket Catalog No. 149 FREE to your Customers

Bigger than ever, brought up-to-date, the world's most consulted Handbook on Fish and Fishing is now ready for distribution to your customers. Costs you nothing, and is a gift much prized by the customer. Imprinted with your name and address.

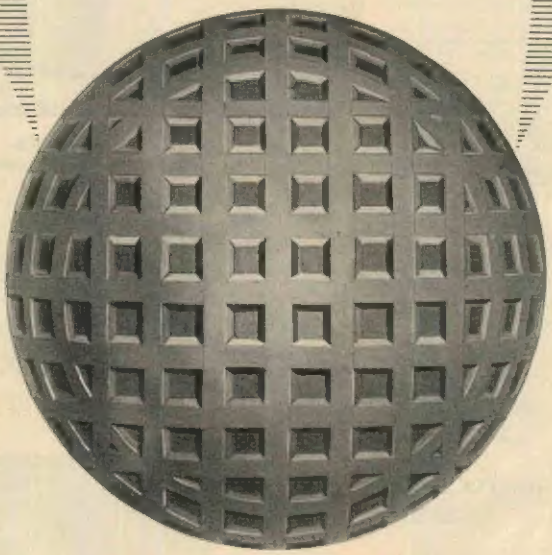
Pocket Catalog 149 tells about Salt and Fresh Water Fish—where they are, what they are, and the baits to catch them. Fully illustrated.

PFLUEGER
PRONOUNCED "FLEW-GER"
FISHING TACKLE
Leaders Since 1864

New TRADE Catalog No. 49

Explains in detail the complete Pflueger line of Fishing Tackle. Indexed for quick and easy reference. A book no sporting goods dealer should be without.

How to make 1930 your most profitable GOLF BALL year?



the

answer—

your own private brand—

made by The Worthington Ball Company:

Largest Manufacturers of Private Brand Golf Balls in America

Worthington

ELYRIA, OHIO

Established 1904

YOUNG FOLKS
THRIVE ON IMAGINATION

BLACK BEAUTY

RED HAWK

RED BIRD

NOBBY HOBBY

SHOO FLY

Riding the winds—and the clouds—just like any full fledged aviator is the life—the spice of youthful imagination and ambition—of every "real" American boy or girl. Now they can have a monoplane all their own.

Imagine their surprise and excitement when they "push" the "joy stick" on a Corcoran Red Eagle and the body of the plane starts climbing. Can you think of anything so thrilling for a youngster? Action is exactly like a real plane in the air.

Corcoran *Dual Action* Vehicles are entirely different than anything else—they're novel—they offer every inducement for childish enthusiasm—and buying. All the aeroplanes and Black Beauty are constructed wholly of steel, yet are not excessively heavy. A three-color enamel combination (red, yellow, and black, baked on) attracts the eye and makes your job of selling easier. Wise Merchants are getting action in abundance with the Corcoran Dual Action Line. Send for your catalog today—Dept. T-11. The Corcoran Manufacturing Company, Norwood, Cincinnati, Ohio.

CORCORAN

THE DUAL ACTION LINE FOR ACTIVE PROFITS

Corcoran Vehicles are made only in Cincinnati—no connection with any other firms of similar names. Of special interest at this time is the fact that Corcoran is prepared to fill Xmas purchase orders if sent in at once. On the West Coast, samples are on display at the Standard Toy Agency, 718 Mission St., San Francisco, Cal.

WHEN ANSW[redacted]

The
NEW
BABY
HENDREN
Dressed in
clothes of in
ity, Baby Hen
sure to be a be
at all store
Doll Buyer
pate the
for the ve

The NEW BABY HENDREN

BABY BLINK 'EM

AVERILL again is first to add a new outstanding play feature to a doll. It is the greatest play feature added to a doll since we brought out the first doll with a Ma Ma voice.

A simple mechanical device controls Baby Blink 'Em's eyes when Dolly is in any position.

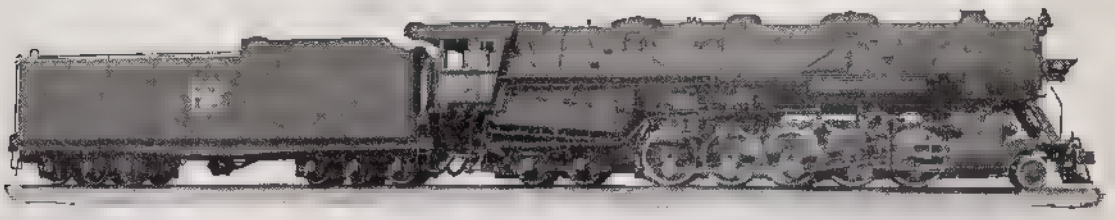
Send for samples of this wonderful doll.

FULL DOLL SIZE

The AVERILL Co., Inc.

A New Type of Locomotive

Chicago, Burlington & Quincy Railroad



DIMENSIONS AND WEIGHTS

Cylinders	31" x 32"
Drivers, diameter	64"
Steam pressure	250 lb.
Grate area	106.5 sq. ft.
Water heating surface	5904 sq. ft.
Superheating surface	2487 sq. ft.
Weight on drivers	355,510 lb.
Weight, total engine	511,710 lb.
Tractive force	90,000 lb.

You are cordially invited to visit us at spaces 242 and 297, Municipal Auditorium

1831 BLW 1930

THE BURLINGTON introduced freight locomotives of the 2-10-4 type on the Beardstown Division in Illinois, in 1927. This Division taps the Southern Illinois coal fields, and has maximum grades against the loaded movement of 0.3 per cent.

These new locomotives, with a starting tractive force of 90,000 pounds, and a grate area of 106.5 square feet, replaced locomotives of the 2-10-2 type having a tractive force of 81,600 pounds and a grate area of 88 square feet.

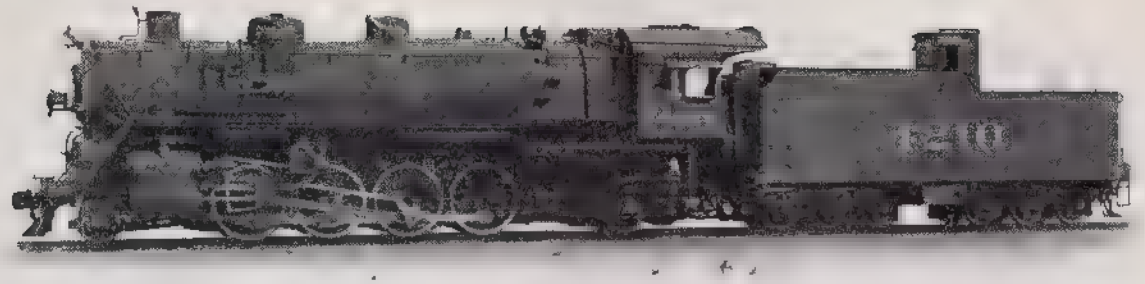
They promptly proved their ability to increase the train load from 6,800 to 8,000 tons, with a decrease, on a ton-mile basis, of 16 and 22 per cent in fuel and water consumption respectively. With tenders of large capacity two, and sometimes three, of the water stops formerly made were eliminated. This, together with the increased horsepower capacity of the locomotives, making possible higher speeds on ascending grades, naturally cut the running time.

Twelve of these locomotives were built for the Burlington in 1927, and six more in 1929. Specially designed for difficult service conditions, they have proved a great success.

Additional locomotives of the new type, with 4-8-4 and 4-8-4 wheel arrangements, are being built by these Works for the Burlington and will shortly be placed in service.

The Baldwin Locomotive Works

Philadelphia



Baldwin Mikados Make Long Runs On The Frisco System

DIMENSIONS AND WEIGHTS

Cylinders	27" x 32"
Drivers, diameter	63"
Steam pressure	235 lb
Grate area	80.3 sq. ft
Water heating surface	4384 sq. ft.
Superheating surface	1920 sq ft
Weight on drivers	274,690 lb
Weight, total engine	375,790 lb
Tractive force	66,700 lb

IN 1923, the first Baldwin Mikado type locomotives were built for the Frisco System. From the very beginning, they established a class which has proved highly successful in handling through freight traffic. So satisfactory were they in operation that repeat orders followed, bringing the total number of locomotives of this general design up to sixty-five.

Twenty additional Baldwin Mikados are now being placed in service. The design has been revised throughout with a view of developing maximum efficiency and capacity in severe service.

As compared with the previous Mikados, the boiler power has been materially increased and the locomotives are specially qualified for making the long runs which are a conspicuous feature of operation on the Frisco.

1831 BLW 1930

We are prepared, as never before, to cooperate with any railway in the designing of new power.

THE BALDWIN LOCOMOTIVE WORKS

PHILADELPHIA

IMPROVE
the fuel fraction with OIL ELECTRIC equipment

These operating fractions shadow your books

Under steam operation, the costs of branch line and switching service have virtually eclipsed profits. Fuel consumes too high a fraction of income; time out for overhauling and repairs cuts too large a fraction from availability; maintenance eats up too large a fraction of revenue; these fractions, and others, all cast their shadowy traces on the profit sheets.

Management must cope with them to improve its operating fraction.

ENGINEERS have done much in the last decade in lowering steam locomotive fuel costs. But, even with the application of many fuel saving devices, the steam locomotive has failed to stand comparison in fuel expense with the modern and efficient oil electric form of motive power, especially in meeting the present-day requirements of switching and light main line passenger service.

In actual tests, oil electrics have shown a reduction in fuel cost of from 6/10 to 8/10 below that for steam.

With the oil electric, fuel and lubricating oil are used only while operating. Variable speed operation of the oil engine gives full advantage of fuel economies.

Even when compared with the modern, efficient gasoline engine, the oil-driven unit shows a fuel cost averaging approximately one-third.

Westinghouse engineers will make a study of your operating conditions to determine where you can best apply oil electric equipments to effect the greatest savings.

The Baldwin Loco. Works, Philadelphia, Pa. ~ Westinghouse Elec. & Mfg. Co., E. Pittsburgh, Pa.

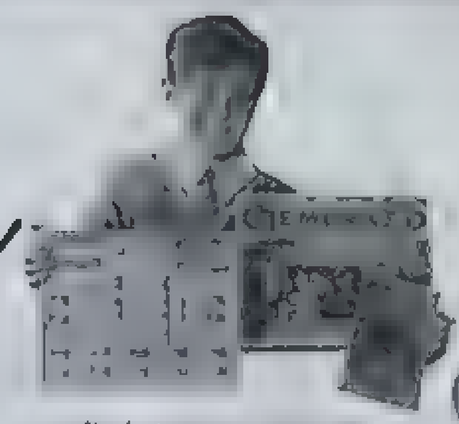
Baldwin-Westinghouse

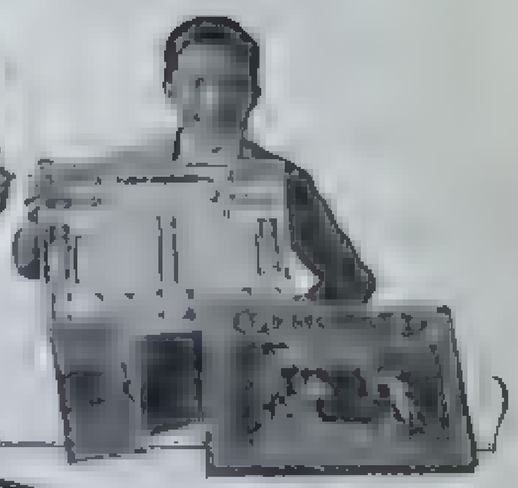
T 31114

Boys...

there's no fun like Chemistry!

but for the Best and Most Chemistry fun, be sure your outfit has this name on it . . .

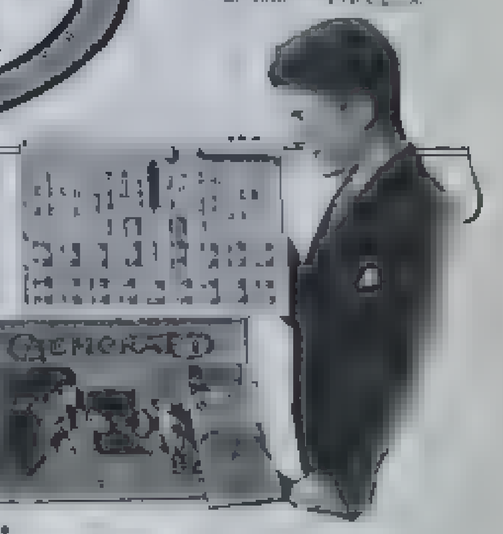




REGISTERED TRADE MARK

CHEMCRAFT

THE CHEMICAL OUTFIT



Be a Boy Chemist!

Work Wonderful Chemical Experiments in Your Own Laboratory! Lead Your Class in Chemistry! Surprise Everybody with Your Chemical Knowledge and Your Marvelous Chemical Tricks!

Seven Wonderful Sets to Select from $1.00 to $25.00

Pick Yours Now!

CHEMICAL experimenting is the finest sport you ever had! It will keep you busy and interested all the time, because there's always something new and different to do. Shows you the wonders of chemical science, gives you useful information about the things you eat, wear and use every day, and introduces you to one of the most fascinating and valuable scientific subjects—the Science of Chemistry It's great fun with CHEMCRAFT

CHEMCRAFT gives you Complete Chemistry

- Inorganic Chemistry
- Organic Chemistry
- Glass Blowing
- Mineralogy
- Metallurgy
- Industrial Chemistry
- Electro Chemistry
- Photographic Chemistry
- Household Chemistry
- Food Chemistry
- Farm Chemistry

Plan Now to get Your CHEMCRAFT This Christmas!

Get a CHEMCRAFT outfit this year—tell everybody that's what you want. Look for CHEMCRAFT in any store where toys are sold. Look for the name CHEMCRAFT on the box. You will be sure to get the set that gives the most for the money. If the one you want is not obtainable in your local store, we will send it, fully prepaid, upon receipt of price

Try Chemistry for 25c—send for CHEMCRAFT JUNIOR

You can do many fine chemical tricks with this JUNIOR outfit, and various interesting experiments. It will introduce you to chemistry, a most wonderful sport you can have with a CHEMCRAFT outfit. Sent postpaid for only 25 cents

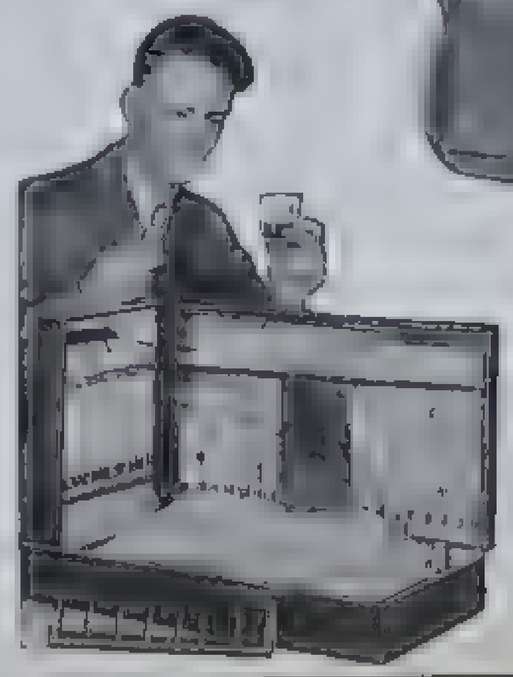
Free Magazine for Boys

Contains interesting experiments you can do at home; also ideas on Chemistry and Woodworking. Tells lots more about CHEMCRAFT outfits. It's free—just write for your copy

THE PORTER CHEMICAL COMPANY

66 East Washington Street

Hagerstown, Maryland



No. 10—another dandy outfit in large wooden cabinet with

Price $10.00

Toys and Novelties

PATHÉ KID DEPARTMENT

PATHÉ KID PROJECTOR

Pat. Pend.

$19.00

To Department Stores

The Pathé Kid Projector, introduced only two months ago, is the talk of the trade. In every respect it is a practical moving picture projector and not a toy. It is low in price—only $19.00 list—but high in performance. Excels all projectors costing up to $45.00 in the amount of light on the screen

Offer No. 1

The Pathé Kid Rental Library loaned free for one year with one order for 100 Pathé Kid Projectors.

Offer No. 2

200 Exhibition Films free with one order for 100 Pathé Kid Projectors.

BERSKIN'S 707 Board Walk ATLANTIC CITY, N. J.

WESTERN UNION

PATHEX, INC., 35 West 45th Street, New York, N. Y.

OCTOBER, 1930

A BIG CONFERENCE WITH A VERY IMPORTANT GENTLEMAN

THESE are the busiest days of all for Mr. Kris Kingle...Chairman of the Board. A dozen secretaries are helping him pass along sound merchandising advice. Every minute is taken for important conferences.

The holidays are just around the corner. Smart toy buyers are asking...what shall we buy? How about the demand this year? What will be the most popular price range? A thousand questions all to be answered by this grand old man who holds the Christmas toy volume in the hollow of his hand.

Here's a tip. He's favoring the colorful and durable toys that retail at 10c, 15c, 25c, 50c and $1.00. He knows how folks are going to buy. And he's favoring KILGORE Toys because there's a complete line that just fits his idea of "best sellers" for this year. Take his advice... Ask your jobber about the KILGORE line...or write direct if you buy direct.

THE KILGORE MANUFACTURING CO.

Division of American Toys, Inc.

WESTERVILLE, OHIO, U. S. A.

New York Showrooms and Display
[illegible]
J. Warren Wiley, Representative

[illegible]
Kilgore Manufacturing Co. of Canada
Windsor, Ontario

KILGORE

YEAR 'ROUND TOYS FOR GIRLS AND BOYS

Just as this Jet Pursuit Plane
The SPEED Line
is a colorful toy, with metal engine and propeller to retail at 50c. And the T. A. T. Plane at $1.00 is an equally great value.

[illegible]
[illegible]
[illegible]

The PARKER GAMES

The most famous and largest selling games in the world

Come in and see us about your Holiday Order

at the

FLATIRON BUILDING

Broadway and
23rd Street

NEW YORK

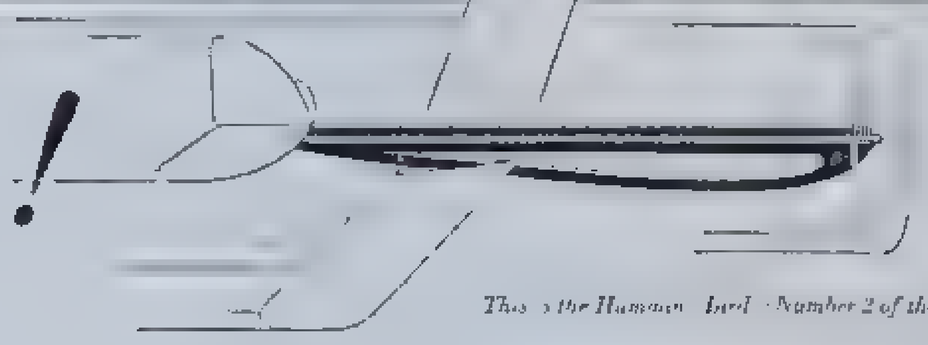
"Handiest Location in New York"

PARKER BROTHERS, Inc.

SALEM, MASS., and FLATIRON BUILDING, NEW YORK

Published [illegible] year in U. S. A. $[illegible] in Canada $[illegible] per Copy. Entered at Postoffice at [illegible] as Second Class Matter under the Act of March [illegible]
Address [illegible] Street, New York. No. [illegible] Number [illegible] Entered at Stationers' Hall. Copyright, November 21, 1914.

ZOWIE!



This is the Humming Bird—Number 2 of the Cracker Jack Air Fleet

Here's another Cracker Jack Airplane for YOU!

Your Cracker Jack Air Fleet will take on real form with this dandy Humming Bird Monoplane

TO the tune of whirring propellers your second Cracker Jack Airplane slips into port.

Thousands of fellows in all parts of the country last month received the first plane of their Cracker Jack Air Fleet. This month, in view of your wonderful enthusiasm, and the huge organization we have now, we are going to give members of the Cracker Jack Air Corps an entirely different type of plane.

This Humming Bird is a ship that will outfly most anything you've ever seen. Just wind up the propeller and let 'er go! It loops—banks—zooms—in fact, is a regular stunt flyer.

And it's just as easy to get

In order to get this dandy little stunter, all you need to do is collect 10 prizes from your packages of Cracker Jack. Cut the Sailor Boy face from each package and write on the back the name of the prize you received *in that package.** Then, when you have 10 Sailor Boy faces, mail them to the Cracker Jack Air Corps. We'll send your Humming Bird monoplane immediately.

Your whole gang can join too

It isn't too late for friends of yours to join the Cracker Jack Air Corps. Anyone that doesn't belong now, can join and get his Wings by simply writing his name on the back of a Sailor Boy face and sending it to us. As soon as a fellow has his Wings he can qualify for any of the Cracker Jack Airplanes.

Look at the coat lapels of everybody in your gang. When you see one that does not have the Wings of the Cracker Jack Air Corps, remind him that he's missing out on some great fun—and some mighty fine airplanes too

"The more you eat—the more you want"

Cracker Jack's that way. Chances are you'll eat lots more than 15 packages without half trying. And the dandy surprise in every package is just another reason why Cracker Jack is so popular.

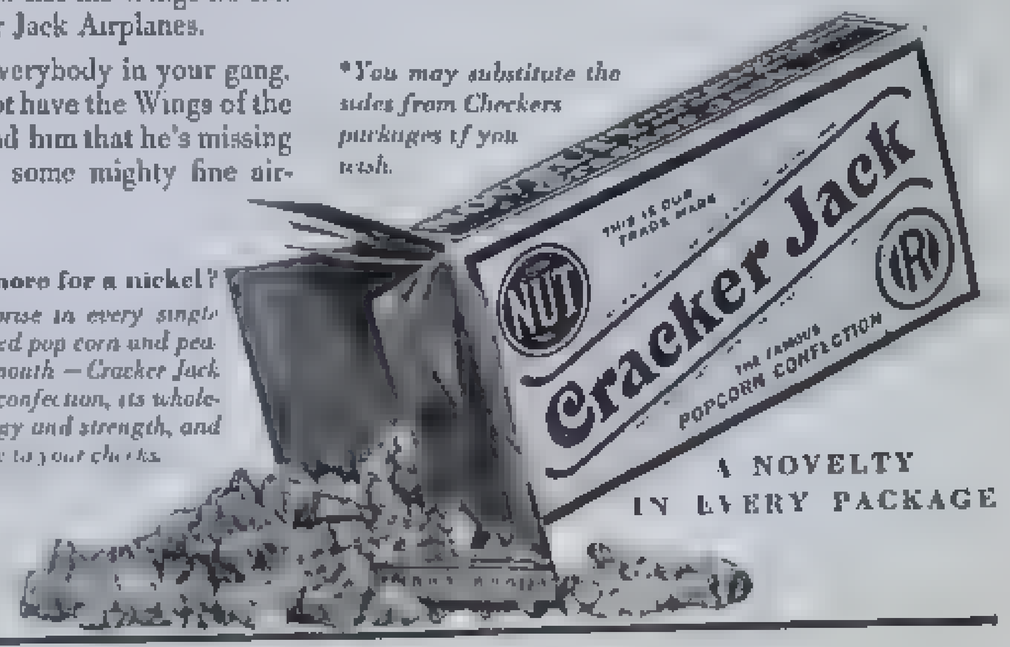
Go after it, fellows. Make your collection and send in the Sailor Boy faces as soon as you can. They must all be on their way before midnight, April 30th, 1930.

Address letters to The Cracker Jack Air Corps, care of The Cracker Jack Co., Dept. A, Chicago, Illinois.

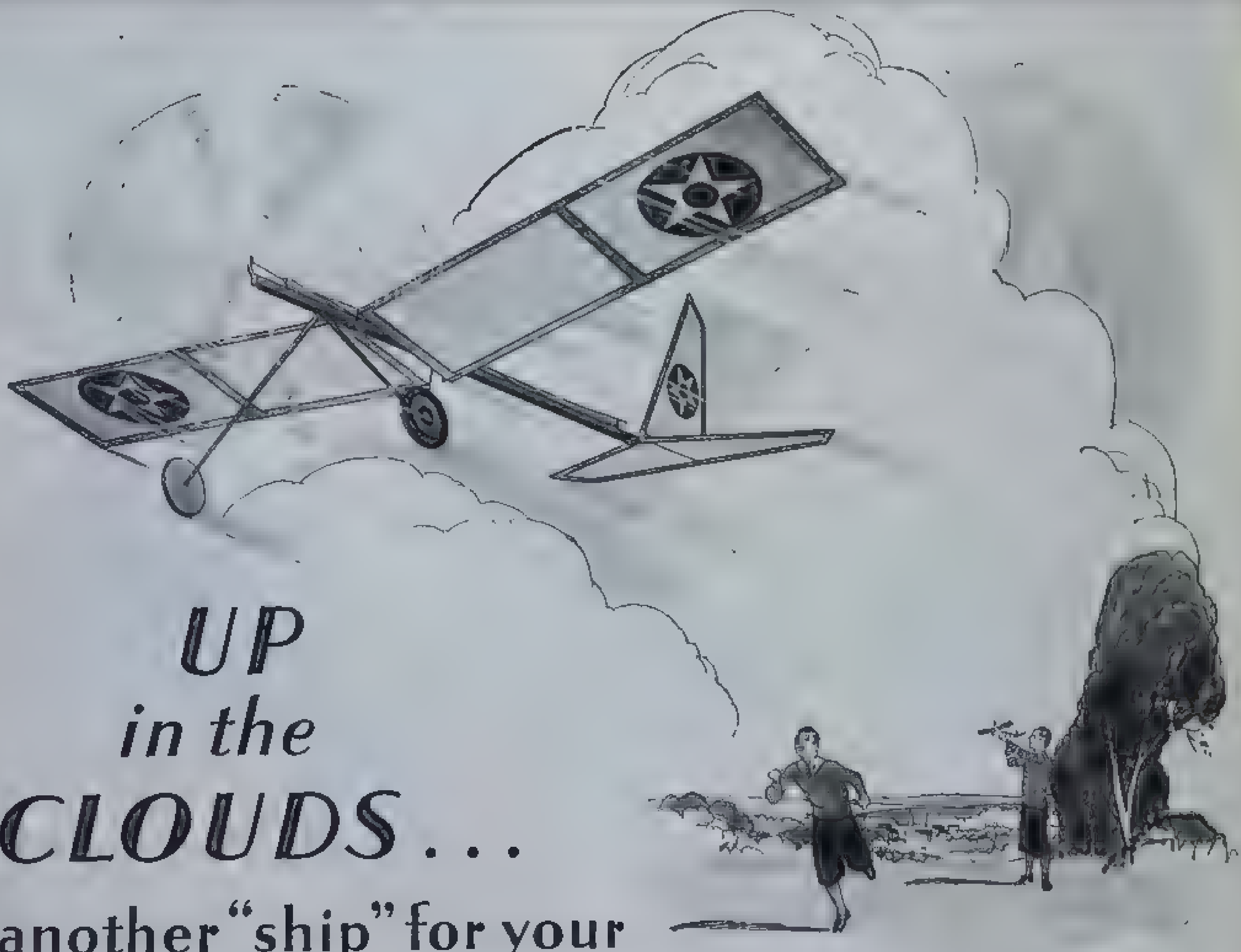
**You may substitute the sides from Checkers packages if you wish.*

Where can you get more for a nickel?

5c a pack—and a surprise in every single package. Molasses covered pop corn and peanuts that melt in your mouth—Cracker Jack is not only a wonderful confection, its wholesomeness builds up energy and strength, and brings a ruddy glow to your cheeks.



"THE MORE YOU EAT—THE MORE YOU WANT"



UP in the CLOUDS . . .

another "ship" for your Cracker Jack Air Fleet!

Sailing up there in the clouds is your dandy little Wanner Special, No. 101. And here are the Wings of the Cracker Jack Air Corps—just see how easily you can get them.

HEIGH HO, gang—here's a new plane for your Cracker Jack Air Fleet that's a peach. It's a genuine Wanner Special R. O. G. Monoplane No. 101, made by the official manufacturers for the Airplane Model League of America, and what's more you can have all the fun of building it yourself, because it comes to you in knocked down form—in a kit.

Every part of this Cracker Jack Airplane fits perfectly. All you have to do is sit down and assemble it—wind-up the propeller and watch 'er fly.

Easy to get, too

You can get this little flyer just about as easily as you got your first two planes too. All you have to do is save the Sailor Boy faces from 5 packages of Cracker Jack and send them to us with twenty cents to partially cover mailing costs. We'll send your "Wanner Special" immediately.

And you'll have all kinds of fun. There are 50,000 members of the Cracker Jack Air Corps already and it's growing by leaps and bounds. Step on it, fellows, and get in on this great sport.

If you haven't joined the Cracker Jack Air Corps send in the coupon below with two Sailor Boy faces and we'll send your Wings of Membership right away. Then—start winning the whole Cracker Jack Fleet. Better do it today because we're going to have lots of fun this summer and this offer closes June 30, 1930.

THE CRACKER JACK AIR CORPS
The Cracker Jack Co., Chicago, Illinois

THE CRACKER JACK AIR CORPS,
The Cracker Jack Co., 530 South Peoria Street
Chicago, Illinois

Dear Sirs: I want to be a member of the Cracker Jack Air Corps and start in using those candy planes. Attached are two Sailor Boy faces. Will you please send me my Wings?

Name .....

Address .....

City ..... *State* .....

If you can't get Cracker Jack, you can send the name and the panel from packages of Cracker Jack with Wings and planet weather forecasts on them. Price Checkers."

Try it with a nickel

The keen taste and pure wholesomeness of Cracker Jack have made it famous the world over. Every regular fellow knows that it helps develop husky muscles in arms and legs and puts a healthy glow in young cheeks. You'll find it's the greatest nickel's worth in the world—and a surprise in every package.

YOU WILL FIND

The Sonny Line

of

Juvenile Coaster Wagons

(THEY ARE NOT TOYS)

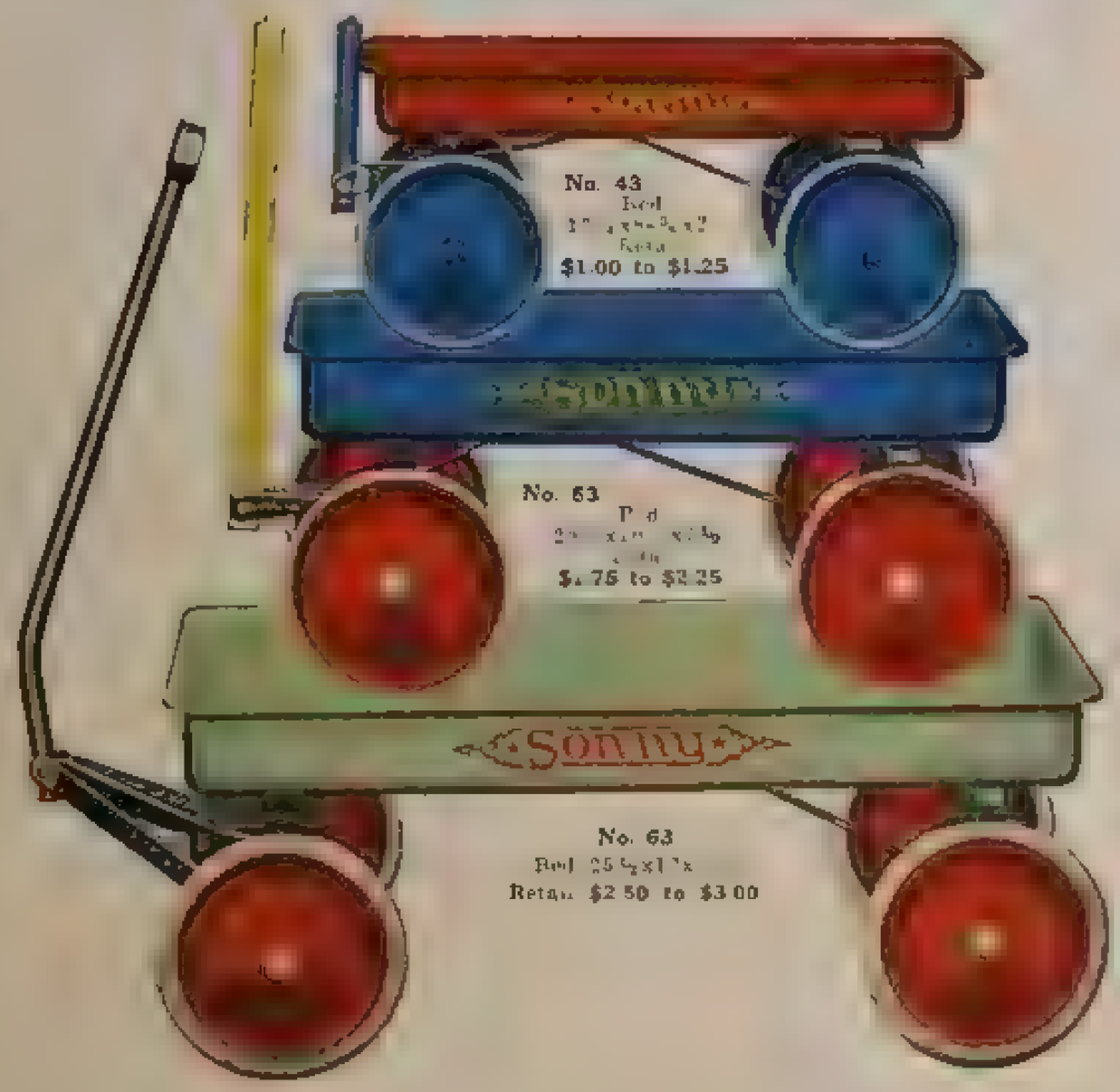
Good Fall & Christmas Profit Makers

The Largest, Strongest and Finest—at Lowest Prices

THE SENSATIONAL SELLERS OF THE YEAR

Try a Sample Dozen - Assorted - One Carton Of Each Size

Unequalled in Value



All Sizes Equipped with Large Size Rubber Tires

Retail from $1.00 to $3.00

Built of the same heavy steel as the larger coaster wagons, they are as strong and sturdy. One piece drawn metal beds with braces to front and rear axles makes them good for long hard abuse. Your trade will appreciate this high quality and at the low prices they will show you a handsome profit.

PACKED FOR YOUR BENEFIT. No. 43—6 to a Carton; No. 53—4 to a Carton; No. 63—2 to a Carton. If you are not familiar with the extraordinary value built into Sonny Wagons, order a dozen through your jobber, set them up in your show window, you will be surprised how their handsome appearance will help you sell them.

If your jobber has not stocked these numbers write us his name.

The DAYTON TOY & SPECIALTY COMPANY

1114 Bolander Ave. Dayton, Ohio

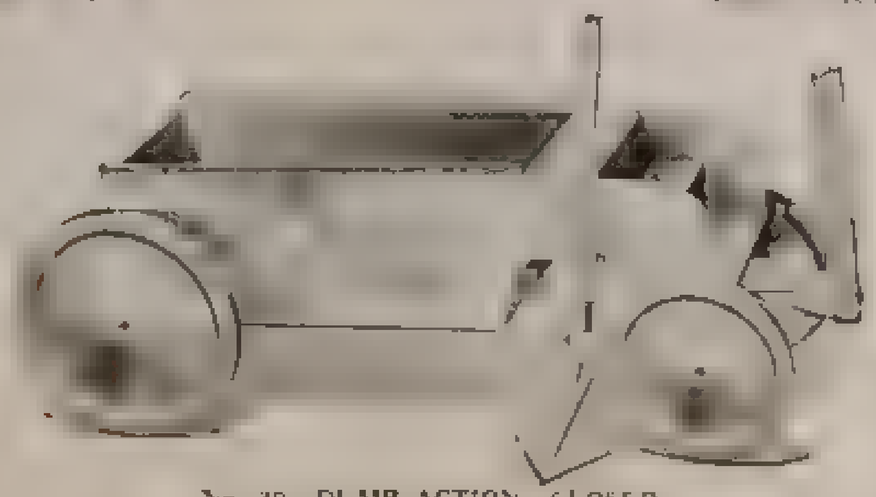
Complete Line on Display at Our New York Permanent Office, 200 5th Avenue—Room 409

Also Strobel-Wilken Co., Inc., 33 E. 17th Street, New York City

Some of our popular priced Toys—also strong and sturdy and good profit makers:

No. 16—DATON
Retails for $ .50

No. 23—EAGLE
Retail ... $1.00

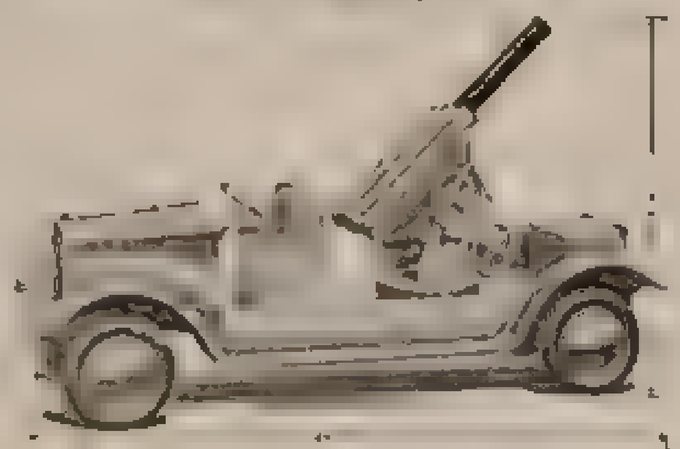


No. 30—DUMP ACTION—CLOSED
Retail $2.00

No. 60—CANNON
Retail ... $1.00

No. 66—CANNON AND CAISSON
Retail ... $2.50

No. 6—"SON NY" U. S. ARMY TRUCK
Retail ... $4.50



No. 7—"SON-NY" AUTO AIRCRAFT TRUCK
Retail ... $5.00

No. 1—"SON NY" DUMP TRUCK
Retail ... $3.00

No. 3—"SON NY" PARCEL POST
Largest Size. Retail ... $4.00

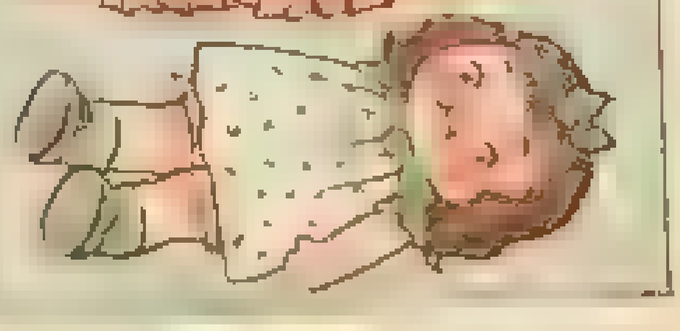
Send for complete catalog

THE DAYTON TOY & SPECIALTY CO.

1114 Bolander Ave. Dayton, Ohio

POLLY DINGLE'S TWIN COUSINS

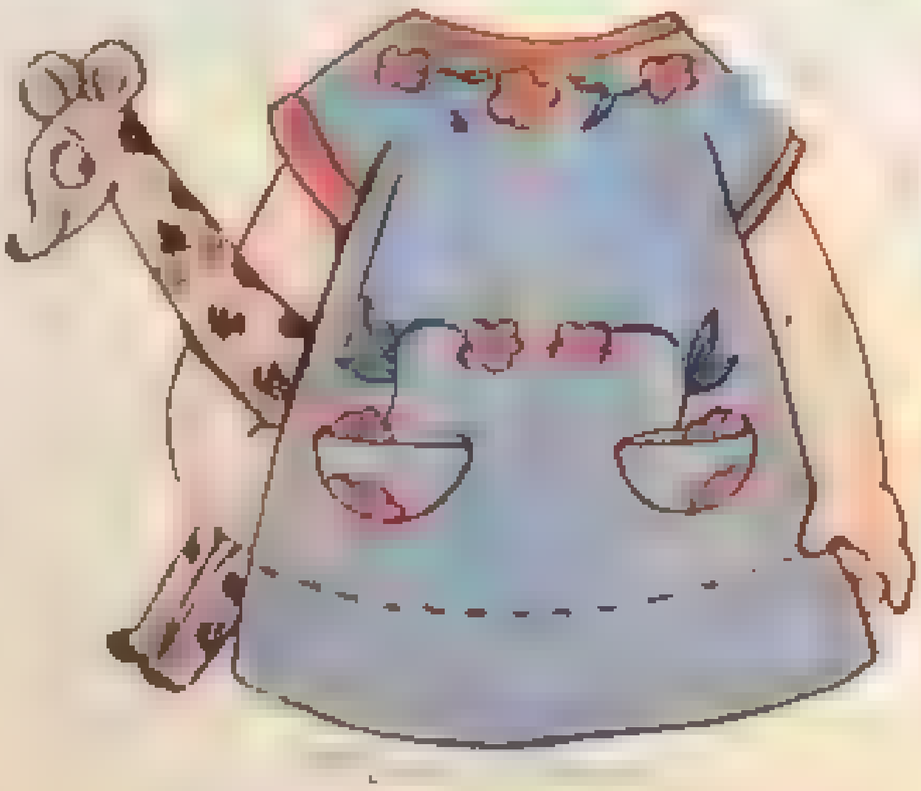
By Grace G Drayton



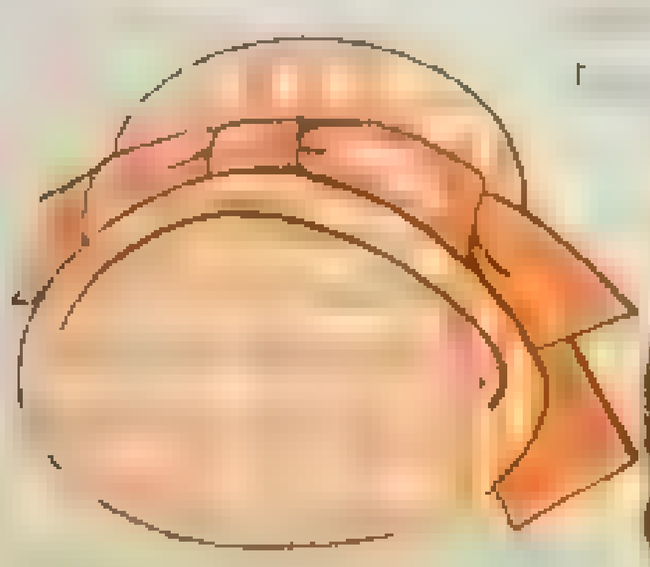
DOLLY DINGLE

By GRACE G. DRAYTON

DOLLY DINGLE'S PARTY



DOLLY DINGLE



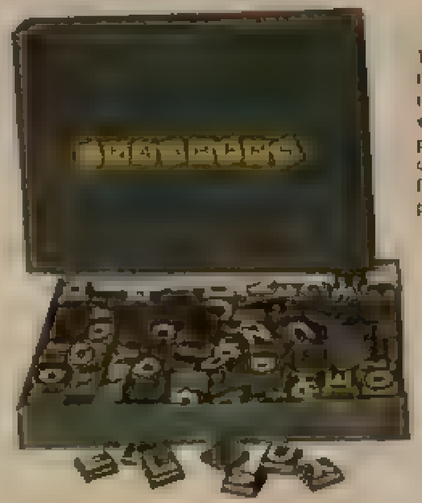
DOLLY DINGLE

by GRACE G DRAYTON

With proper display "TOYS THAT TEACH" Sell on sight

NEW NUMBERS FOR 1930

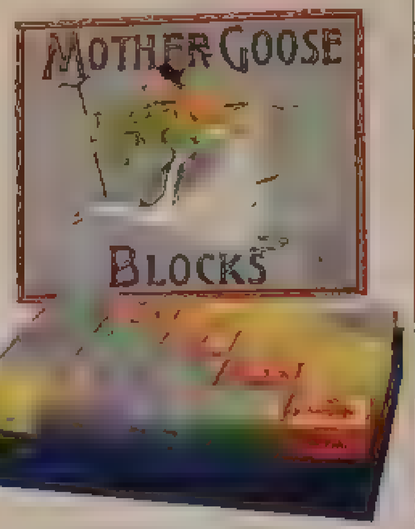
ANAGRAMS



The Game of Anagrams has been popular always, but recently there has been a renewed interest in the game due no doubt to its emotional advantages. In designing this set our aim was to offer the ideal color arrangement, black and yellow proper size and style letters, and an embossed back so that one letter could not be distinguished from another, when face down. This is an ideal Anagram Set to retail at a popular price. See illustration at left.

Retails for $1.00

NO. 92 BLOCKS



There will always be a good demand for a real high grade set of toy blocks with Mother Goose Illustrations and Rhymes. This set contains twenty 2-1 8" cubes, embossed and printed in six colors. Each block contains a Mother Goose Rhyme with the ends embossed with illustrations of the Rhyme. Sanitary washable finish. The sets are furnished in a cardboard box, also in a strong wood box, and in a substantial colored wagon. The illustration at the right shows the set in a cardboard box

FIRST STEP COLORED PLAY BLOCKS

The name FIRST STEP "TOYS THAT TEACH" COLORED PLAY BLOCKS was selected for these sets because we believe this type of toy should be the first given to the child. The sets which contain blocks in the six prismatic colors will teach colors and simple designing, and the blocks are just right for piling

Sets retail from 50c to $2.00.

THE EMBOSSING COMPANY, ALBANY, N.Y.

"TOYS THAT TEACH" Happy Contented Children

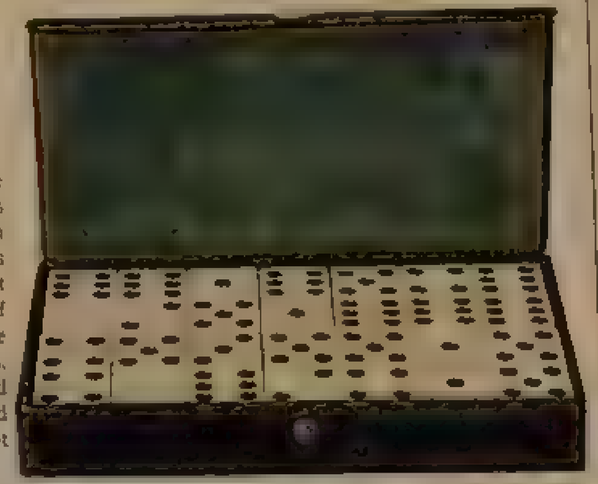
NEW NUMBERS FOR 1930

POPULAR TOY BLOCKS

This is a new line of popular priced Toy Blocks offered first in 1930. The features are along modern ideas. We call particular attention to the embossed letters on the blocks, which are plain and distinct. The illustrations too were very carefully selected for children of the toy block age. While we show an illustration of only one set in this line we have sets to retail at all prices from 10c up.

The blocks are made in three sizes 1-1 10", 1-5 16" and 1-11 16" cubes. Illustration of the 1-11 16" cube is shown above.

1930 CELLULOID DOMINOES



In offering our "1930" Dominoes, we have a practical, high grade set of Dominoes attractively packed. At the right is an illustration of the complete set, as well as the single Domino pieces showing front and back. This is a high grade set of Dominoes to retail at a fair price. The pieces are white celluloid with black dots, with an attractive design on back. Packed in special heavy snap fastener box covered with decorated cloth, with green velvet lining pad on cover

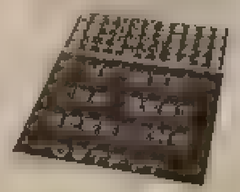
Retails for $5.00

The all year 'round line — "TOYS THAT TEACH"

NEW AND POPULAR NUMBERS

On this page are illustrated an assortment of new and popular numbers. Most of them have been added to our lines within the last few years; they are all ready sellers, and items which should be in every toy department. The educational phase of "Toys That Teach" is more pronounced than ever. We seek the counsel of educators in originating and developing new ideas. Our line has been increased and made more attractive, interesting, and easy to sell. The demand for "Toys That Teach" indicates that most buyers are familiar with this line; if you are not let us send you catalog and samples.

Tonga Tie



Spelling Set

Form Boards

Prism Color Sets
Building and Designing

Color Cubes

House Building Blocks

Wonderwood Flowers

Checker Se

The items on this page and the three preceding ones are but a portion of our lines
For description of our complete lines, send for our latest catalog and price list

THE EMBOSSING COMPANY, ALBANY, N. Y.

New York Office and Display Room — Room 110, 200 Fifth Ave.

"TOYS THAT TEACH" — A Toy Department in Itself

MODERN "TOYS THAT TEACH" BLOCKS

A most important feature of these Blocks is that a young child can by forming the picture of the Clown and Boy Scout and piling the three Clown Blocks on top of the three Boy Scout Blocks automatically produce the prismatic colors in their proper order, and the numbers from one to six in consecutive order, also illustrations of a nursery rhyme complete

MODERN "TOYS THAT TEACH" BLOCKS

THE BLOCKS THAT SELL

Modern Blocks were first offered to the trade in 1929. The tremendous sale on this line indicated immediately that the features and workmanship on these block sets met with the approval of buyers.

These Blocks contain six educational features, and it is remarkable that all of these features could be incorporated into one set of blocks, in fact a set of these Blocks is really six toys in one. Remember that all of these features are contained in every set of MODERN "TOYS THAT TEACH" BLOCKS

In selecting the features we obtained the advice of a number of recognized kindergarten authorities, because it is very evident that Toy Blocks with real educational features are a very important factor in the education of children. Naturally these Blocks will replace the old-fashioned spelling blocks, although there still remains enough of the alphabet where this is desired

We are proud to add MODERN BLOCKS to our family of "TOYS THAT TEACH" believing that children will have many hours of instruction and entertainment with them.

Modern Blocks are made in all sizes to retail from 10c to $2.00. Send for Catalog and Samples.

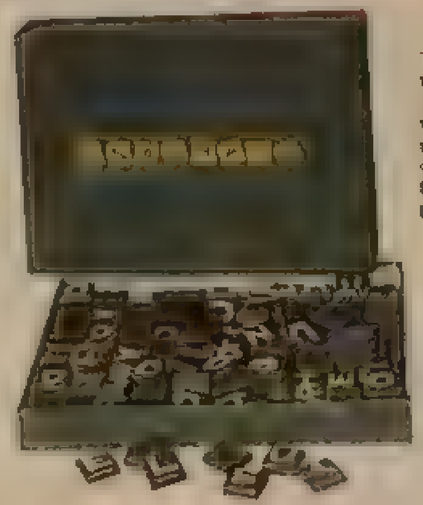
THE EMBOSSING COMPANY, ALBANY, N. Y.

New York Office and Display Room — Room 110, 200 Fifth Ave

With proper display "TOYS THAT TEACH" Sell on sight

NEW NUMBERS FOR 1930

ANAGRAMS



The Game of Anagrams has been popular always, but recently there has been a renewed interest in the game due no doubt to its educational advantages. In designing this set our aim was to offer the ideal color arrangement, black and yellow, proper size and style letters, and an embossed back so that one letter could not be distinguished from another when face down. This is an ideal Anagram Set to retail at a popular price. See illustration at left

Retails for $.50

NO. 92 BLOCKS

There will always be a good demand for a real high grade set of toy blocks with Mother Goose Illustrations and Rhymes. This set contains twenty 2-1 8" cubes, embossed and printed in six colors. Each block contains a Mother Goose Rhyme with the ends embossed with illustrations of the Rhyme. Sanitary washable finish. The set is packed in a cardboard box, a 80 cm n sur ng wood box od on a [illegible] colored wagon. The illustration at the right shows the set in cardboard box

FIRST STEP COLORED PLAY BLOCKS

The name FIRST STEP "TOYS THAT TEACH" COLORED PLAY BLOCKS was selected for these sets because we believe this type of toy should be the first given to the child. The sets which contain blocks in the six prismatic colors will teach colors and simple designing, and the blocks are just right for piling

Sets retail from 50c to $2.00.

THE EMBOSSING COMPANY, ALBANY, N.Y.

"TOYS THAT TEACH" Happy Contented Children

NEW NUMBERS FOR 1930

POPULAR TOY BLOCKS

This is a new line of popular priced Toy Blocks offered first in 1930. The features are along modern ideas. We call particular attention to the embossed letters on the blocks, which are plain and distinct. The illustrations too were very carefully selected for children of the toy block age. While we show an illustration of only one set in this line we have sets to retail at all prices from 10c up

The blocks are made in three sizes 1-1 16", 1-5 16" and 1-11 16" cubes. Illustration of the 1-11 16" cube is shown above

1930 CELLULOID DOMINOES

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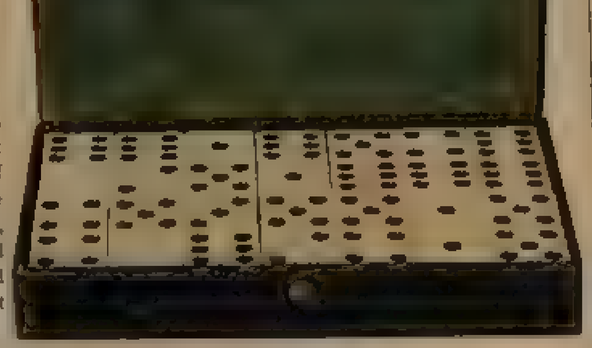

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Farm Toy

Spelling Set

Picture Color Sets
Building and Designing

House Building Blocks

Wonderwood Flowers

Checker Set

The Items on this page and the three preceding ones are but a portion of our lines.
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New York Office and Display Room — Room 410, 200 Fifth Ave.

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THE EMBOSSING COMPANY, ALBANY, N.Y.

New York Office and Display Room — Room 410, 200 Fifth Ave.

THE MAGIC OF

EMPIRE

COLOR

With this announcement, Empire brings to you one of the greatest sensations of the year — a complete line of beautifully colored Miniature Electric Ranges.

Not the ordinary black ranges with colored panels attached—

But ranges that are *completely finished* in durable rich colors —with highly nickel plated legs, cooking tops and trimmings.

The Only Complete Line of Colored Ranges on the Market

Strikingly Beautiful With Colors That Last

Empire has long realized the tremendous sales value of color, not only in the panels, but on the complete ranges.

To accomplish this, however, was extremely difficult—due to the tendency of ordinary colors to crack and peel when subjected to high temperatures.

But by perfecting certain features in design — and through the cooperation of several of the largest paint manufacturers—the goal has finally been reached.

And this applies to the complete Empire line of six types and sizes—priced to suit every pocketbook.

Let the magic of these new, strikingly colored ranges—by far the most beautiful and efficient on the market—earn new profits for you. Write for complete details.

EMPIRE ELECTRICAL APPLIANCES NATURAL GAS REGULATORS

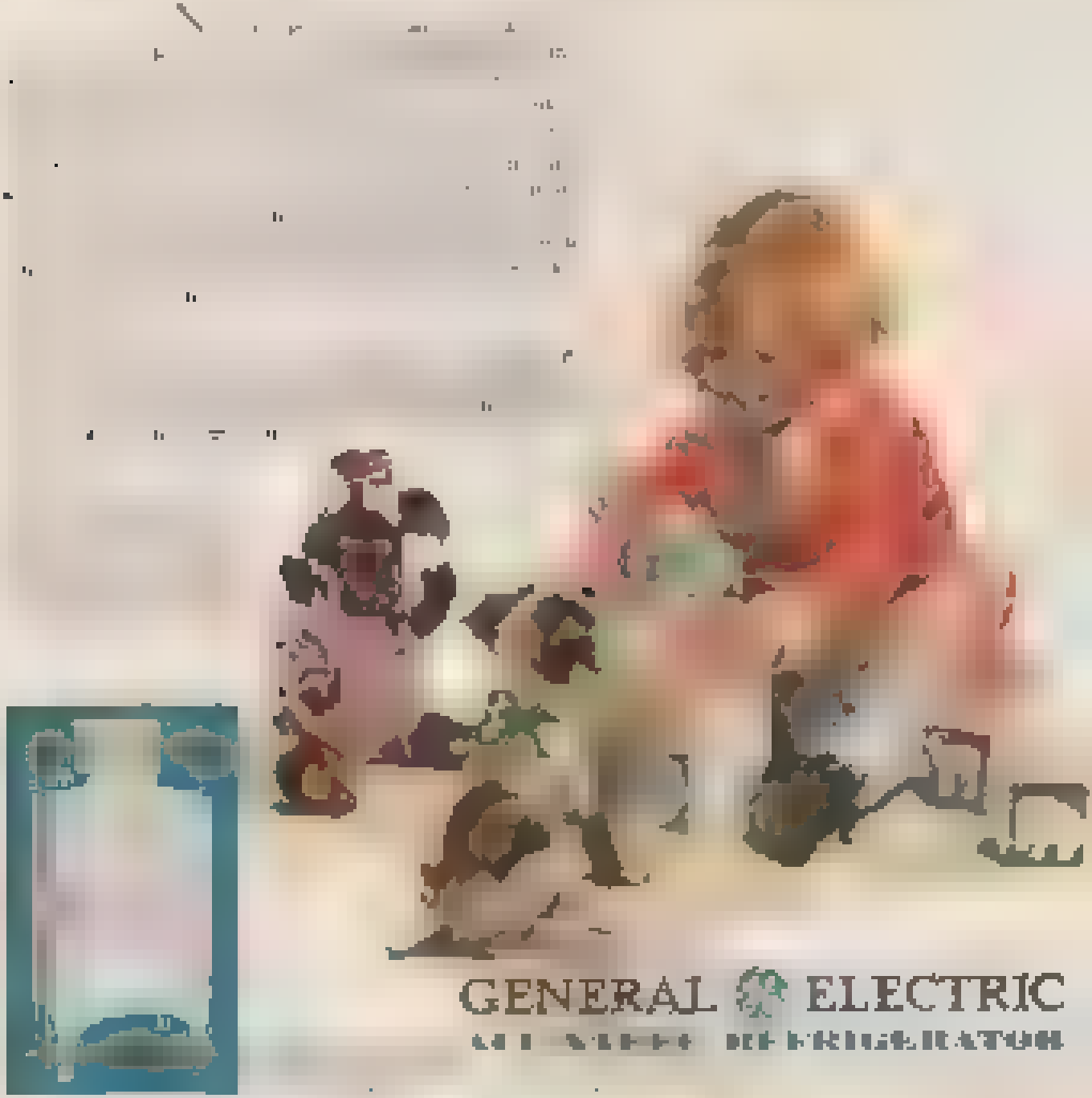
METAL WARE CORPORATION

Sales Offices:
New York Chicago San Francisco
Strobel-Wilkens Co., Inc.

General Offices and Factory:
TWO RIVERS, WISCONSIN

Export Distributors:
International General Electric Co.
and John H. Graham & Co., Inc.

mine! going to have a Monitor Top!



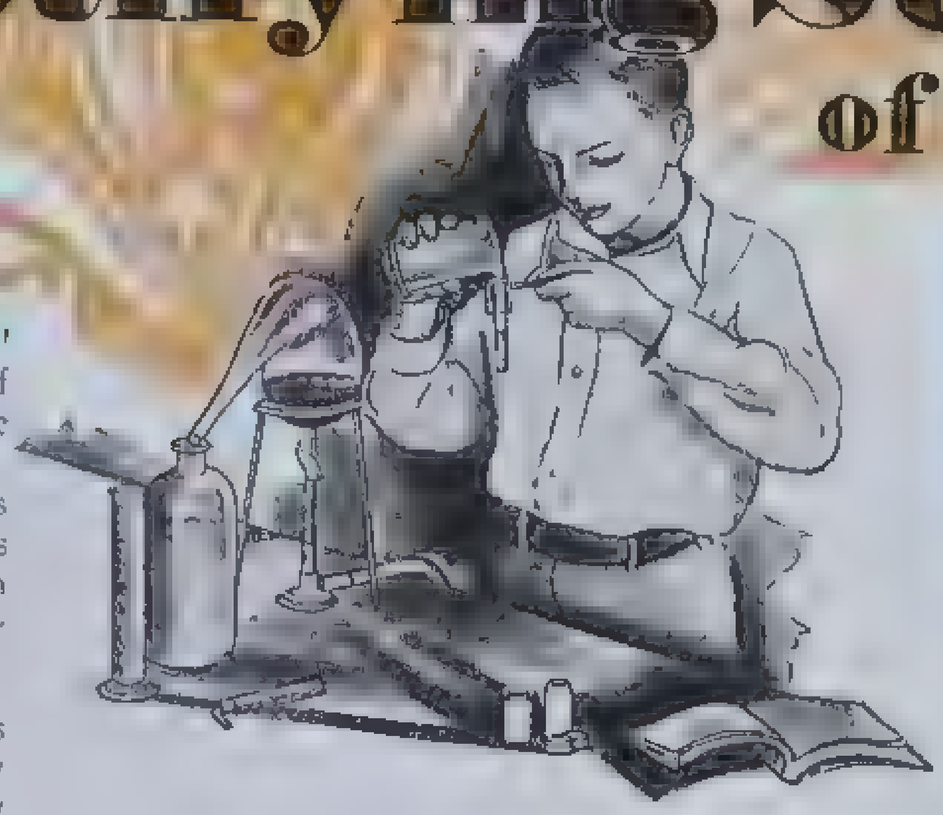
GENERAL ELECTRIC

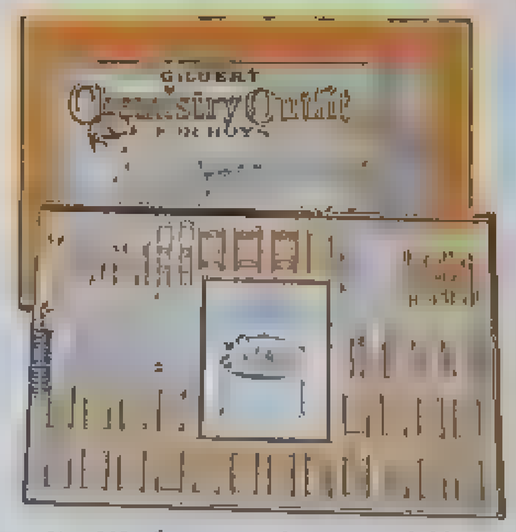
A. C. GILBERT Offers you The Chance of a Lifetime, with his New-up-to-the-minute Experimental Outfits

Revealing the New

Mystifying Secrets

of Chemistry





No. 5009 Combination Chemistry and Glass Blowing Laboratory

MAKE water from fire! Change the colors of liquids in a flash! Make invisible ink! Produce light from sugar! Yes, you can do these things yourself. And perform hundreds of other modern miracles with my New 1930 Chemistry Outfits

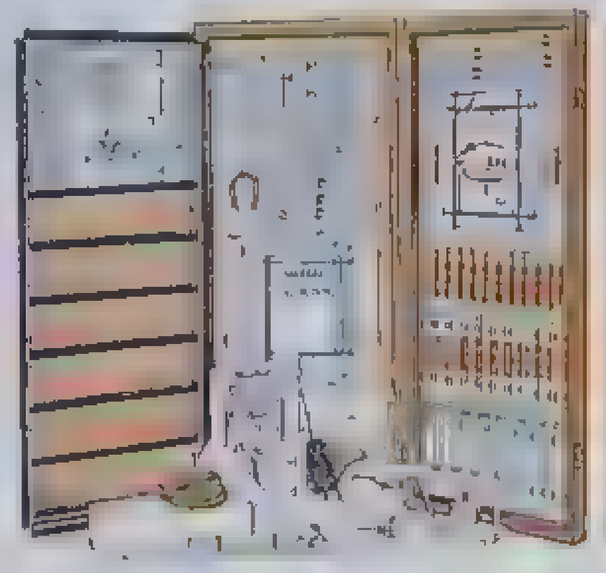
Lift the lid of one of my outfits and you open up an entirely new world of exciting and fascinating adventure. You can flabbergast your friends with hundreds of magic transformations and experiments. Full instructions and the *complete story of chemistry* are in my Book that comes with every outfit

For years I have worked to produce a *professional* chemistry set and an *interesting* book explaining the chemist's secrets, with which boys can do the new things expert chemists have discovered

All you have to do is follow the clearly written instructions. A barrelful of thrills for the Boy Chemist. Look at Set No. 5009, my *Laboratory* outfit, shown. It includes 64 chemicals and items of equipment, with the big 240-page Chemistry Manual and the famous Gilbert *Glass Blowing* Manual. Hours of instructive sport, all for $5.00. Sold at all good toy stores and departments Other outfits, $1 to $20.

Send today for my *free* "Scientific Mystery", an amazing device that will make you rub your eyes in wonder. Also my free Chemistry catalog with pictures and descriptions of all Outfits Just write your name and address on this coupon and mail it today to the A. C Gilbert Company, 163 Erector Square, New Haven, Conn., also Makers of the famous Erector, Gilbert Mysto Magic, and "Big-Boy" Tool Chests

A C Gilbert



No. 5020
Senior Laboratory Set

FREE

The first 50,000 boys who mail this coupon will receive, absolutely free, A. C. Gilbert's "Scientific Mystery" — a device that startles all who follow the directions that come with it You will also get the new 1930 catalog of Gilbert Chemistry Outfits. Rush the coupon today

GILBERT CHEMISTRY OUTFITS

No. 5007 Dandy Beginner's Set ..... $ 1.00

No. 5008 — For the advanced Young Chemist ..... $ 3.00

No. 5009 Combination Chemistry and Glass Blowing Laboratory Set ..... $ 5.00

No. 5009½ Chemistry, Glass Blowing and Chemical Magic $ 7.50

No. 5010 — DeLuxe Complete Laboratory Set $10.00

No. 5015 — Chemistry, Glass Blowing, Chemical Magic and Mineralogy $15.00

No. 5020 — Senior Laboratory Set, Including Chemistry, Glass Blowing, Chemical Magic, Mineralogy, and Hydraulic and Pneumatic Engineering $20.00

THE A. C. GILBERT COMPANY
163 Erector Square,
New Haven, Conn.

Please send me FREE, your "Scientific Mystery" and your catalog on Chemistry Outfits.

Name

Street

City

Hello boys! With your own hands build models of the world's greatest inventions

Boys! Days are coming when you'll never forget! Days of real exciting sport! Days when your friends will flock from miles around to see the marvelous things you build!

JUST lift the lid of the red brass-bound chest that holds my new improved Number 7½ ERECTOR. Here in this one big set is everything you need to build, one after another, realistic operating models of practically every great mechanical invention known to man. Two workful years to make the 1930 ERECTOR the last word in sport for boys.

Whatever you name—you can build it with ERECTOR. Automobiles, Steam Shovels, Locomotives, Airplanes, Ferris Wheels, Traveling Cranes. Hundreds of other wonders of the age.

AND that's not all. After you've built them with your own hands, just hook them up to the powerful ERECTOR electric motor. It comes with this great outfit. Click the switch, and the thing you yourself have built begins to hum with action! It operates just like the big ones engineers construct.

NOW here's the way to get this barrelful of red-blooded sport. Send today for the ERECTOR Mystic Mind Reader. Darn startling and amazing. Use the coupon. Show it to your dad—then take him to any good store where toys are sold. Let him see ERECTOR. Let him warm up to it. Before you know it he'll want to build things with it himself. It's a sure way to get The World's Greatest Toy for Christmas.

A. C. Gilbert

No. 8. Erector
Builds the Ferris Wheel

The [illegible] Ferris Wheel. Fly [illegible] Build it yourself with this great ERECTOR Set. Amaze your friends. Have real fun and get a barrelful of thrills. The No. 8 set also [illegible] other marvels, including the Loading Elevator, Derrick and Swing Wood Mill and Air Compressor. When you lift the cover of this big set you open up a whole new world of exciting sport. Get in on the greatest red-blooded fun maker in the world.

Sensational №7½ Motorized ERECTOR

THIS the 1930 No. 7½ Set will give you a new idea of what SPORT can be. It holds a brand new thrill for every day in the year. It is loaded with parts and equipment, each and every item invented and patented by Mr. Gilbert, with which you can build 817 realistic models. It includes the 19-inch steel truck body, the famous steel model building tray, the 96-page manual that describes every step in building each model, the powerful ERECTOR electric motor, completely assembled gear-box, big red steel disc wheels, with oversize balloon tires, fenders, radiator, hood, bumper, springs, steering wheel, heavy-duty truck axles, cab top, steam boiler, steam shovel, and many other exciting features. Yes sir, boys—it is 31 pounds of scientific thrills for every day in the year.

Aircraft and Zeppelin Set

It includes also four free Zeppelin with landing mast (the same model as in the Trans-Atlantic No. 8), and accessories in various types of airplanes, hangar, navy, Airplane Carrier, propeller, wheels, Land and sea planes, Autogiro, wings, pontoons, new Zeppelin bag, propellers—everything you need to build these realistic ships of the sky. This set gives you more the commercial value, boys, and gives the most exciting kind of sport.

FAMOUS ERECTOR SETS

DANDY BEGINNER SET NO. 1 — The fun that builds the Square Garden	$1.00
THE ADVANCED NO. 2 — The fun with the long gardens	$2.50
THE FAMOUS NO. 6 with the powerful electric motor and searchlight	$5.00
ERECTOR ELECTRICAL SET NO. [illegible] — The fun that illuminates and illuminates	$5.00
ERECTOR AIRPLANE SET NO. 45 — Builds Monoplanes, Biplanes, Seaplanes	$7.50
The Wonderful No. 6 — The fun with the Steam Boiler	**$7.50**
THE BIG CRANE SET NO. 8 — The fun that builds the Power Wheel	$8.50
The New Big No. 7 — The fun that builds the big Steam Shovel and many other engineering thrillers	**$10.00**
The Trail Blazing No. 8 — The fun that builds the Trans-Atlantic Zeppelin and hundreds of other marvels of the age. Includes all the features of the Aeronautical No. 7½	**$25.00**
THE GIANT SET NO. 9 — The Mechanical Wonder Set, with 3 HP motor	$35.00
THE DELUXE SET NO. 10 — Complete, unsurpassable, Erector in all its glory	$50.00

Also manufacturers of the famous ERECTOR TOOL CHESTS, GILBERT CHEMISTRY and MYSTO MAGIC

Why the New [illegible] is the world's greatest toy

1. PATENTED ERECTOR GIRDER. A real, genuine girder like engineers use. The interlocking edge a novel, exclusive ERECTOR feature, eliminates bending and makes it possible to connect two girders, nuts and wrong, with a single bolt and nut, and a three-point square girder with two screws only. (In all ERECTOR Sets.)
2. PATENTED ERECTOR MOTORS. Powerful Battery Motor in No. 4 & 5, 7½ and 8. Famous 9-Set Cub 110-volt Universal Motor in No. 9 and 10.
3. PATENTED ADJUSTABLE CONE BELT. Adjustable to every possible gear combination and for reversing movements. Conversion into 3-drum hoisting engine. Transformed for use with electric motor or 110-volt Motor. Included assembled in the famous No. 6 Set and up.
4. HEAVY STEEL TOWER BASE, 11" long. Exclusive ERECTOR feature. In No. 7½ Set and up.
5. 3½" SOLID STEEL DISC WHEELS WITH BALLOON TIRES. An exclusive ERECTOR feature. In No. 7½ and up.
6. PATENTED UNIVERSAL GEARING. Gearing remains and correct. Extremely handsome bronze and Exclusive ERECTOR feature. In No. 7 and up.
7. EXTRA STEEL MODEL BUILDING TRAY, packed with ERECTOR standard holes. Prints printing. Exclusive ERECTOR feature. In No. 6 and up.

[illegible]

Come on Boys . . .

. . . FREE

A. C. GILBERT'S MYSTIC MIND READER

[illegible]

The A. C. Gilbert Co.
[illegible]
Please send me free copy of A. C. Gilbert's Mystic Mind Reader and Gilbert Toy catalog.
Name [illegible]
Street [illegible]
City [illegible] State [illegible]

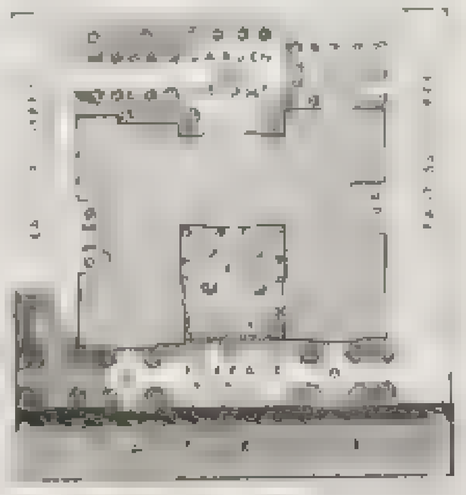
TOYS AND NOVELTIES

JULY, 1930

NOWHERE ELSE IN NEW YORK SUCH PEACEFUL, SUNNY SECLUSION AS THIS

There is a fascination in living directly on the water and it is appreciation of this that has so firmly re-established the East River front as a desirable type of residence.

New River House enhances the natural advantages of a perfect river front location with the peaceful surroundings of gardens, grassy terraces, quiet streets—permanently protected sunshine and view in all directions—and a private yacht landing for the convenience of its residents.



One-Half-Acre Plaza and Gardens

Within convenient but a few blocks from the center of uptown business. The construction is of unusual quality by James Stewart & Co., Inc., builders of international reputation.

The plans, as distinctive as the environment, afford 9 to 12 large rooms with high ceilings, terraces, loggias, balconies, roof gardens—tower apartments of 2 and 3 exposures.

The prices of $37,500 to $275,000, are lower than apartments of similar size in less inspiring residential sections—and special plans may still be arranged. Ready for occupancy—Fall 1930—Call for plans on request.

RIVER HOUSE

ALONG THE EAST RIVER— and TO 52nd STREETS. 100% COOPERATIVE.

Selling and Managing Agent

Douglas L. Elliman & Co.

15 East 49th Street Plaza 9200

ARCHITECT

BOTTOMLEY, WAGNER & WHITE

The private yacht landing is an attractive feature

RIVER HOUSE

Plans Are Now Ready

THIS new 100% cooperative building will occupy a high bluff facing directly on the East River, 52nd to 53rd Streets, with light, air and outlook permanently protected on all four sides by water, gardens or quiet street.

The apartments range from 9 to 17 rooms, simplex, duplex and triplex — all with river view and many with loggias, balconies, terraces — and those in the tower will occupy two or three entire floors with sweeping vistas in every direction

ARCHITECT
BOTTOMLEY, WAGNER & WHITE

BUILDERS
JAMES STEWART & CO., INC

Selling and Managing Agent

Douglas L. Elliman & Co. INC

15 East 49th Street Plaza 9200

HUBLEY TOYS
"They're Different"
"LINDY" GLIDER

EXCLUSIVE RIGHT
HUBLEY TOYS
QUICK HEAT

STERNO STOVE only 10¢

Dame Wilkins and Her Cats

A Halloween Game

By Clara Fahrenbach

The game is played on the [illegible] page of the magazine with pins. Two people may play. Count [illegible]

Each player has [illegible] pieces of colored thread around the [illegible] will know which are his. A button is used as a counter for both players. Toss the counter [illegible] of a small box set an [illegible] from each player. If the button falls right side up, it [illegible] falls wrong side up, it counts a move down the roof.

The first player starts down one side of the Dame's roof and the next player starts down the other side. Then they go down and [illegible] that is a good move.

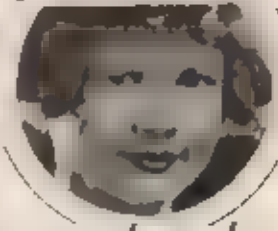
The counter must be right side up to place a cat on the top of the Dame's cottage, the starting point. No player can hold the top of the Dame's roof longer than necessary.

In the second row of cottages when two cats pass in opposite directions the cat who has an up count has the right of way and the [illegible]

When seven cats have arrived at [illegible] most cats there wins the game.

Honor Roll for May

[illegible]

Freckles

or a clear skin?
[illegible]
Only 50¢ Stillman's Freckle Cream
Ask for Century Sheet Music
15¢
Hang up Things
Moore Push-Pins
16¢
HERMOSA KENNELS, REG.
PEKINGESE
MABEL BAXTER
Mother's Favorite for Baby's Baby Bath
CUTICURA SOAP
A FASCINATING PASTIME
STAMP COLLECTION NEWS

REPEAT orders are a good indication of proved merit. The same Hyatt performance, which has won and held the confidence of Chicago, Rock Island and Pacific officials, has brought a steadily increasing number of Hyattized journals to the rolling stock of 65 other American and Canadian properties.

Savings in power and maintenance . . . elimination of jerky starts, sluggish pick-ups, and hot box delays . . . quietness and smoothness in operation these are good reasons for the selection of Hyatts wherever anti-friction journals are installed.

Each year, since 1926, Rock Island has added more HYATTIZED cars

One of the new 800 h. p. Hyatt equipped, gas-electric motor cars recently placed into service by the Chicago, Rock Island & Pacific.

Railroad executives will be interested to know that A. R. A. standards are Hyatt standards, and that Hyattized journal boxes can be installed by the regular shop force, with regular shop equipment.

HYATT ROLLER BEARING COMPANY

Newark Detroit Chicago Pittsburgh Oakland

HYATT

ROLLER BEARINGS

PRODUCT OF GENERAL MOTORS

IDEAL BABY DOLLS

With Soft

Rubber Arms and Rubber Legs

(Protected by U. S. Patents and Patents Pending)

Are the Best Selling Line Wherever Shown

Mothers and grandmothers are spending time playing with them until the children are complaining.

Just picture to yourself the delight of a child squeezing dolly's soft rubber legs and dolly cries, turn her on the side and she cries again; pick her up and her smiling face with her blue eyes look at you or flirt with you, as her eyes not only open and close but roll from side to side as well.

Tickletoes is the one and only doll of its kind in America. Its exclusive patented features make it the most irresistible doll in the world.

No matter how many dolls you have bought you need TICKLETOES to pep up your Toy Department. TICKLETOES come in four sizes, dressed in silk coats, hand knitted coats and bonnets and in fine organdie beautifully trimmed dresses.

Samples Sent on Approval

NEW YORK SHOWROOM
221 FOURTH AVENUE—UNTIL CHRISTMAS
After Christmas—Fifth Avenue Bldg., 200-5th Ave.

Ideal Novelty & Toy Co.

273-299 VAN SINDEREN AVE. BROOKLYN, N. Y.

[redacted]

International Creosoted Pine Poles speed construction and reduce costs. They are framed completely and accurately before treatment to meet the most complex framing stipulations. No extra handling and framing expenses are required.

International Poles in service 30 years and still strong prove International methods.

International Creosoting & Construction Company
General Office: Galveston, Texas

International
Creosoted Yellow Pine Poles

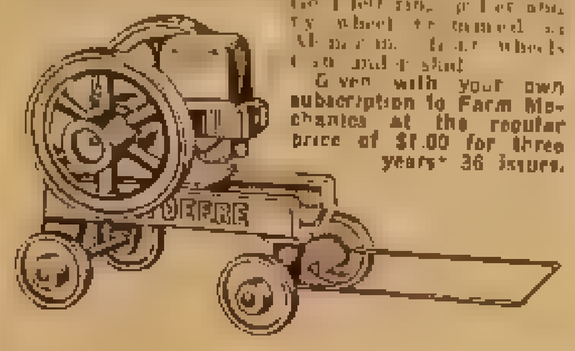
Your Choice of These

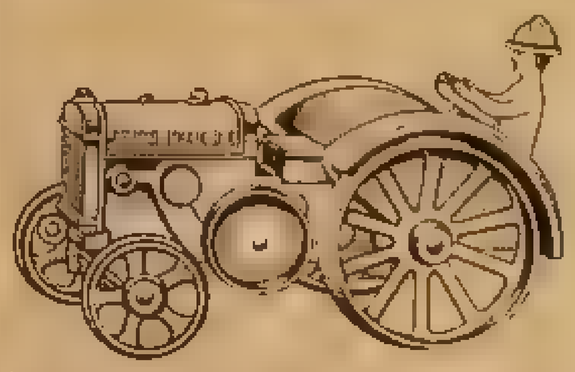
FAMOUS JOHN DEERE TOYS

THEY ARE PERFECT MINIATURES OF THE JOHN DEERE LINE OF FARM EQUIPMENT

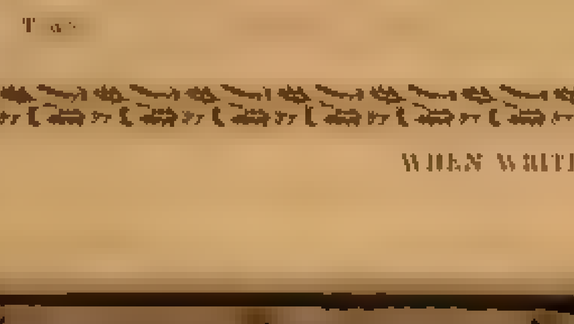
HOW TO CLAIM YOUR TOYS—Select the toy you want. Read carefully the instructions about what you have to do to get the toy you select. Mail the full amount you collect for subscriptions with the request for toys. Write your name and address and the names of the subscribers you secure clearly so that there will be no doubt about the spelling of either the name or the town. You need not be a subscriber to Farm Mechanics to qualify for any of these toys. You can obtain as many toys as you want by securing the number of subscriptions necessary to qualify for each toy. The coupon below may be used.

No. 1—TOY JOHN DEERE GAS ENGINE—Metal flywheel and base. Length 6 inches, height 3½ inches. Painted in full John Deere colors. Flywheel turns when toy wheel is turned. Given with your own subscription to Farm Mechanics at the regular price of $1.00 for three years; 36 issues.

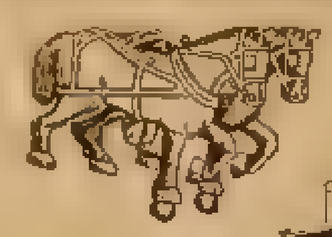


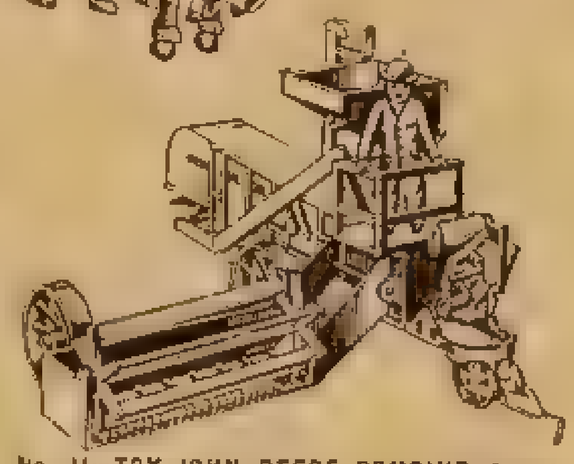


No. 3—TOY JOHN DEERE TRACTOR Length 6¾ inches, width 4 inches. Painted in full John Deere colors with correct markings. Has rubber tires on front wheels. All metal construction with fine detail. Given as a reward for securing one 3 year subscription to Farm Mechanics at the regular price of $1.00 for three years; 36 issues. Your own subscription cannot be counted.

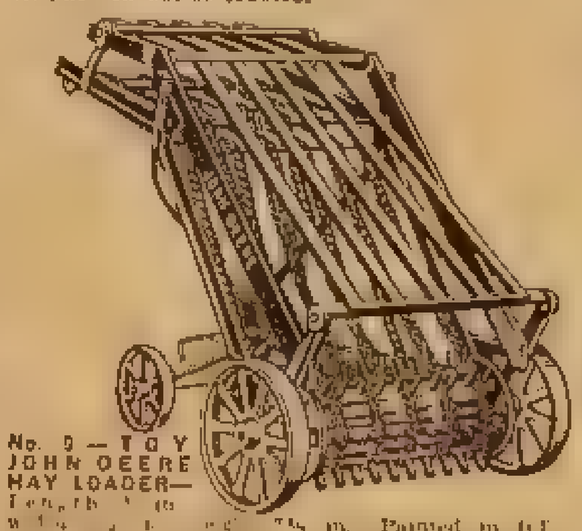


No. 7—TOY HAY RACK—Length 15 inches, width 4 inches, height 6 inches. Detailed construction with fine attention to detail. Wood parts are finished in bright red and the metal parts are painted in gray. Given as a reward for securing two 3 year subscriptions to Farm Mechanics Magazine at the regular price of $1.00 each. Your own subscription cannot be counted.

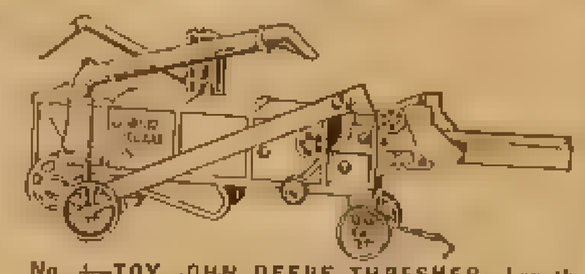




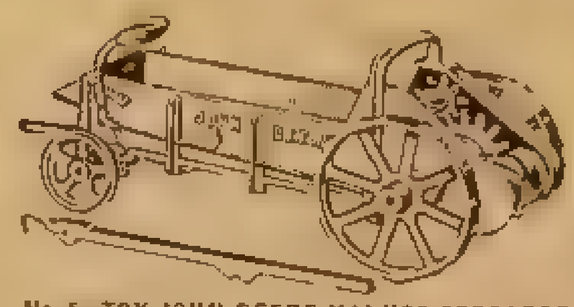
No. 11—TOY JOHN DEERE COMBINE Length 15 inches, width 12¾ inches. Painted in full John Deere colors with correct markings. Has rubber tires on front wheels. All metal construction with fine detail. Given as a reward for securing five 3-year subscriptions to Farm Mechanics magazine at the regular price of $1.00 for three years. Your own subscription cannot be counted.



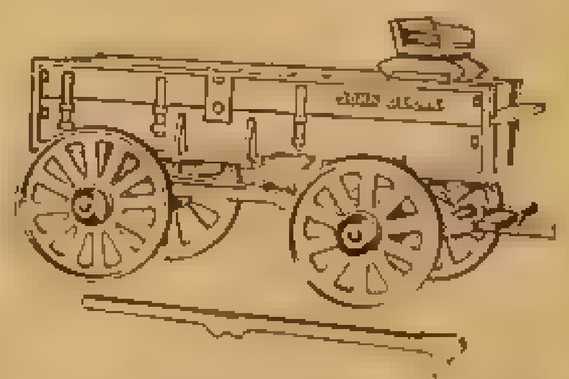
No. 9—TOY JOHN DEERE HAY LOADER—Length 15 inches, width 4 inches, height 7½ inches. Painted in full John Deere colors with correct markings. Has rubber tires on front wheels. All metal construction with fine detail. Given as a reward for securing three 3-year subscriptions to Farm Mechanics Magazine at the regular price of $1.00 each. Your own subscription cannot be counted.



No. 4—TOY JOHN DEERE THRESHER—Length with feeder and blower extended 20 inches, width 4 inches, height 6 inches. Painted in full John Deere colors with correct markings. Has rubber tires on front wheels. All metal construction with fine detail. Nickel plated and black wire rack for grain sacks. Blower and feeder assembly can be removed for storage. Given as a reward for securing three 3-year subscriptions to Farm Mechanics Magazine at the regular price of $1.00 each. Your own subscription cannot be counted.



No. 5—TOY JOHN DEERE MANURE SPREADER—Length 9½ inches, width 4½ inches, height 4½ inches. Painted in full John Deere colors with correct markings. Has rubber tires on front wheels. All metal construction with fine detail. Two steel wire spiral revolve when spreader is pulled. Has hook on tongue for attaching to tractor. Can be used with any make of tractor. Given as a reward for securing two 3-year subscriptions to Farm Mechanics Magazine at the regular price of $1.00 each. Your own subscription cannot be counted.



No. 6—TOY JOHN DEERE WAGON Length 15 inches, width 4 inches, height 6 inches. Painted in full John Deere colors with correct markings. Has rubber tires on front wheels. All metal construction with fine detail. Given as a reward for securing two 3 year subscriptions to Farm Mechanics Magazine at the regular price of $1.00 each. Your own subscription cannot be counted.

No. 10—TOY JOHN DEERE TRACTOR PLOW—Length 8 inches, width 4½ inches, height 4½ inches. Painted in full John Deere colors with correct markings. Has rubber tires on front wheels. All metal construction with fine detail. Given as a reward for securing one 3 year subscription to Farm Mechanics Magazine at the regular price of $1.00. Your own subscription can not be counted.

Farm Mechanics,
407 South Dearborn Street, Chicago, Illinois

Gentlemen:

I am enclosing $ ____ for ____ subscriptions to Farm Mechanics Magazine, which I have secured. Please send me the following premium:

I am enclosing $ ____ for ____ subscriptions to Farm Mechanics Magazine.

Send Toys to
Name ____ R. F. D. ____
Town ____ State ____

Send Farm Mechanics to
Name ____ R. F. D. ____
Town ____ State ____

Name ____ R. F. D. ____
Town ____ State ____

Name ____ R. F. D. ____
Town ____ State ____

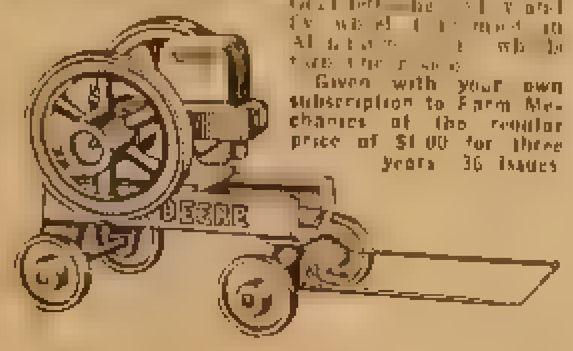
Your Choice of These

FAMOUS JOHN DEERE TOYS

THEY ARE PERFECT MINIATURES OF THE JOHN DEERE LINE OF FARM EQUIPMENT

HOW TO CLAIM YOUR TOYS—Select the toy you want. Read carefully the instructions about what you have to do to get the toy you select. Mail the full amount you collect for subscriptions with the request for toys. Write your name and address and the names of the subscribers as you secure them carefully so that there will be no doubt about the spelling of either the name or the town. You need not be a subscriber to Farm Mechanics to get any of the toys. You can obtain as many toys as you want by securing the number of subscriptions necessary to qualify for each toy. Use coupon below or list your orders on a sheet.

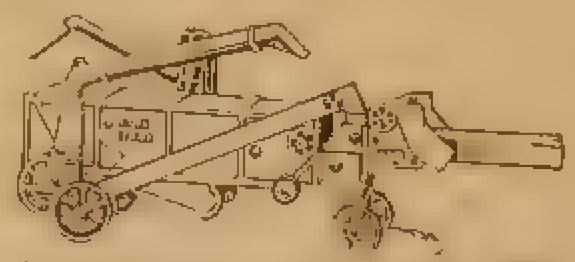
No. 1 TOY JOHN DEERE GAS ENGINE—



Given with your own subscription to Farm Mechanics at the regular price of $1.00 for three years. 36 issues.

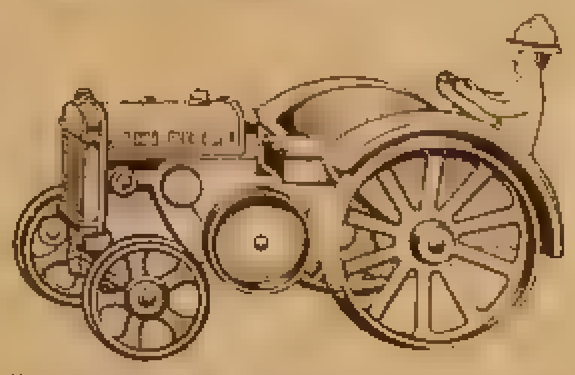
No. 2 TOY TEAM OF HORSES

Given with your own subscription to Farm Mechanics at the regular price of $1.00 for three years 36 issues.



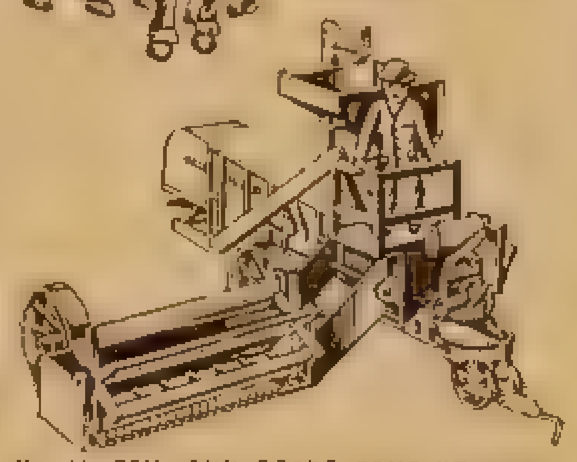
No. 4—TOY JOHN DEERE THRESHER

Given as a reward for securing three 3 year subscriptions to Farm Mechanics Magazine at the regular price of $1.00 each. Your own subscription cannot be counted.



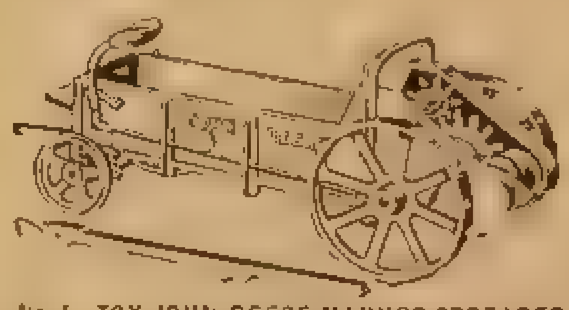
No. 3—TOY JOHN DEERE TRACTOR

Given as a reward for securing one 3-year subscription to Farm Mechanics at the regular price of $1.00 for three years: 36 issues. Your own subscription cannot be counted.



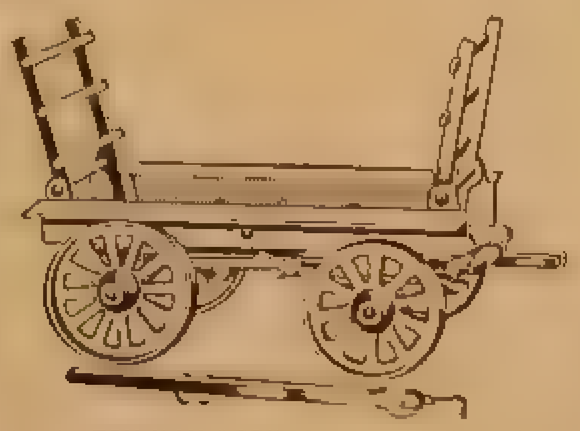
No. 11—TOY JOHN DEERE COMBINE

Given as a reward for securing five 3-year subscriptions to Farm Mechanics magazine at the regular price of $1.00 for three years. Your own subscription cannot be counted.

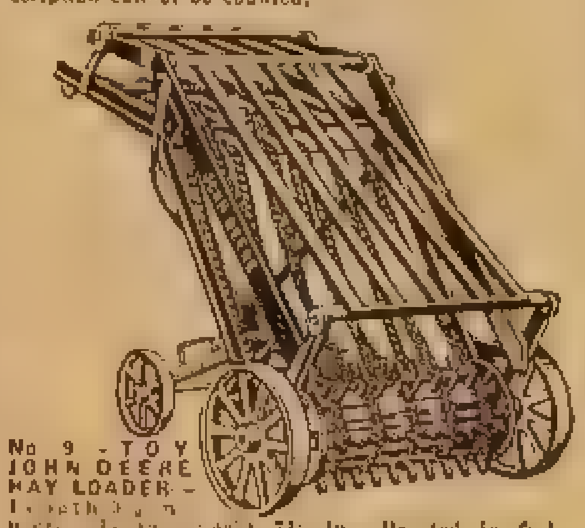


No. 5—TOY JOHN DEERE MANURE SPREADER

Given as a reward for securing two 3-year subscriptions to Farm Mechanics Magazine at the regular price of $1.00 each. Your own subscription cannot be counted.

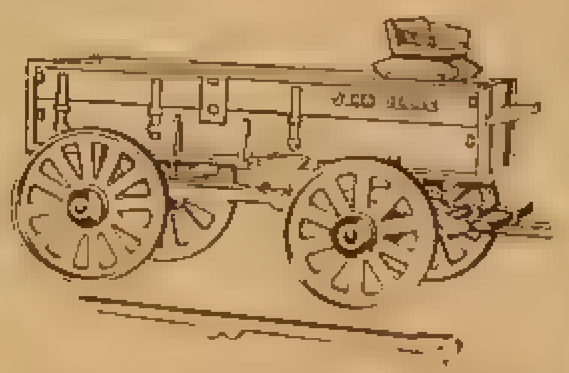


No. 7—TOY HAY RACK—Length 15 inches, width 4 inches, height 8 inches. Red running gear with [illegible] hay rack with [illegible] and front and rear [illegible]. Length with tongue 7½ in. Packed in full John Deere [illegible]. Given as a reward for securing two 3 year subscriptions to Farm Mechanics Magazine at the regular price of $1.00 each. Your own subscription cannot be counted.



No. 9—TOY JOHN DEERE HAY LOADER—

Given as a reward for securing three 3-year subscriptions to Farm Mechanics Magazine at the regular price of $1.00 each. Your own subscription cannot be counted.



No. 6—TOY JOHN DEERE WAGON—

Given as a reward for securing two 3 year subscriptions to Farm Mechanics Magazine at the regular price of $1.00 each. Your own subscription cannot be counted.

No. 10—TOY JOHN DEERE TRACTOR PLOW—

Given as a reward for securing one 1 year subscription to Farm Mechanics Magazine at the regular price of $1.00. Your own subscription can not be counted.

Farm Mechanics,
407 South Dearborn Street, Chicago, Illinois

Gentlemen:

Please send me by mail postage prepaid the John Deere Toy No. [illegible] which I have indicated by a cross (X) in the following square.

I [illegible] subscriptions to Farm Mechanics Magazine.

Send Toys to:

Name..... R. F. D.....

Town..... State.....

Send Farm Mechanics to

Name..... R. F. D.....

Town..... State.....

Name..... R. F. D.....

Town..... State.....

Name..... R. F. D.....

Town..... State.....

These Mechanical KENTONTOYS Are Just What Boys Want

No getting around it . . . boys nowadays want toys that work like large, mechanical units. Yet, these toys must not be expensive, for a youngster's pocketbook is small at best.

That accounts for the increasing sales of these new Kentontoys. The Buckeye Ditcher, the Jaeger Concrete Mixer and the Vertical and Horizontal Engines are reasonably priced even though they do have a multitude of working parts.

There's a new Kentontoy catalog just off the press that we would like to send you . . . it shows these cast iron toys in their new, flashy colors — and gives complete specifications. Write for it.

KENTON CAST IRON TOYS

THE KENTON HARDWARE COMPANY . . . . . KENTON, OHIO

AGENTS FOR U. S. AND CANADA THE REMAN-STANLEY CO. 5 FOURTH AVE., NEW YORK CITY

WESTERN REPRESENTATIVE STANDARD TOY AGENCY 11 MASON ST. SAN FRANCISCO, CAL.

BACKGAMMON COMES BACK
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with a superb line of modernized sets

THE Bradley line of Backgammon Sets is new . . . in designs, in colors, in construction . . . made to meet the modern market for this old favorite. Price range from a de luxe set at $5 00 to an attractive popular priced 50c set. The dealer with the Bradley line of Backgammon can meet all tastes and pocketbooks. He is in a strategic position to make money on Backgammon's spectacular comeback. Avoid regrets. See the Bradley line before you stock anything else.

No. 4703 BACKGAMMON—Real de luxe board, size 18 x 29 open, 9 x 18 folded. Padded playing surfaces leather and cloth. Rounded edges and corners. Leather-like covering in attractive color combination. Complete with composition checker, quilted dice cup, rules and directions. Backgammon rules for both the 12 and the modern game. Sets available in three different color combinations and Black Jack and Black Checker boards. Also at prices starting at $5.00 retail.

No. 4704 BACKGAMMON—Another de luxe board with imitation leather coverings, wooden frame, composition checker attractive dice cup and complete directions. Checker board outside. Very attractive design and a wonderful value at $3.50 retail.

No. 4112 BACKGAMMON—Popular $1.00 value. Wood veneer board, reversible front, complete with Chips, checker cup, dice and directions for play. Back of board is checker board. Size 15 x 15.

ALL PLAY. The great mass game, up-to-date backgammon. Still in action, exciting and instructive. Quickly learned. Unique two-use checker board, attractively printed in red and green. Complete with all equipment and directions.

No. 4711 BACKGAMMON—A beautiful popular priced folding board, one half red and black leatherette with wooden frame, with red and black checkers, four large size dice, two large red dice cups, complete with rules. Size 15 x 15 Retail Value.

No. 4712 BACKGAMMON. Popular priced folding board, one half with red and white leatherette, with wooden frame, checkers to match, two large size dice, two large red dice cups, complete with rules. Size 15 x 15 Retail Value.

No. 4713 BACKGAMMON IMPLEMENTS—Dice, two cups, checkers, one red, one black, and shaker. Complete with rules. Ideal for home use. Retail value.

MILTON BRADLEY COMPANY

SPRINGFIELD, MASS.

NEW YORK OFFICE: 221 FOURTH AVENUE

MAKERS OF THE WORLD'S BEST GAMES

KENTONTOYS

. . . The Snappiest Cast Iron Line Ever Offered to Toy Merchants

What an appearance they will make on a toy counter! And how they will sell anytime and any place! KENTONTOYS always make a hit, but never before have they created the enthusiasm that these new models have.

The popular Jaeger Concrete Mixer has been improved until it is identical in action with that of the large model. Its colorful trim, moving dipper and bowl will attract attention on any display table.

The new Pickwick Nite Coach, Seaplane and miniature Ditcher are other new KENTONTOYS that are selling in large quantities to dealers who want durable action toys. Best of all, you can sell them at a low price! Here's something and no mistake!

Certainly you will want these new KENTONTOYS—your order will have prompt attention. Let's have it right away . . . you'll appreciate the extra profits that will come into your cash drawer.

In the meantime, may we send you a copy of the New Kentontoy Catalog? . . . write us today.

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—*the Bradley line*

in keeping with modern style trend, of approved design, and priced for quick sale

4704—BACKGAMMON (Illustrated above)—Leather-like covering—looks, feels and wears like leather—grained design on outside Checker Board, suede finish, professional type Backgammon playing surfaces inside. Padded two sides, noiseless—optional color schemes of red and black or black and brown. Includes full set of ivory finish Checkers, black and white; two noiseless black dice cups, four ivory dice; complete directions for the original game, and modern variations. Size, open, 18 x 20, folds to 10 x 18. Each in a carton

Retail, $5.00

1704—BACKGAMMON—A handsome board, similar to above, but not padded. Has wooden frame, leather-like covering, composition Checkers, noiseless dice cups, four dice, and complete directions. Color scheme of red and black outside, buff, black and red inside. Professional design Backgammon playing board, plain centers with points in red and black. Size 16 x 18.

Retail, $3.50

1712—BACKGAMMON—Flat, non-folding board. Wooden frame with black ebony finish; leather like coverings, buff suede finish with points in black and red; back covered with dark toned imitation leather. A rich looking, fine quality professional type board. No implements included.

Retail, $3.50

1377—BACKGAMMON IMPLEMENTS—Thirty fine quality composition Checkers, in black and white, four ½" dice, two black noiseless dice cups. In attractive partitioned box, with complete directions for playing the game

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Other boards of popular design at all popular prices from 50c upwards. Know the Bradley Line before you buy. Write for details and trade prices.

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New York: 221 Fourth Avenue

WATCH ME GROW

AND watch my mother and dad hustle to keep me satisfied. Hundreds of thousands just like me, and hundreds of thousands of my little sisters, changing our wants every day, losing interest in old playthings, yelling for new ones and getting them!

He's right and that's why the toy business is a good business to be in. There's a new market every day, a growing, spending market that keeps us on our toes. You'll find KILGORE Toys in line with a full range of numbers for girls and boys... colorful, interesting toys to retail at 10c, 15c, 25c, 50c and $1.00. Ask your jobber...or write direct if you buy direct.

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KILGORE

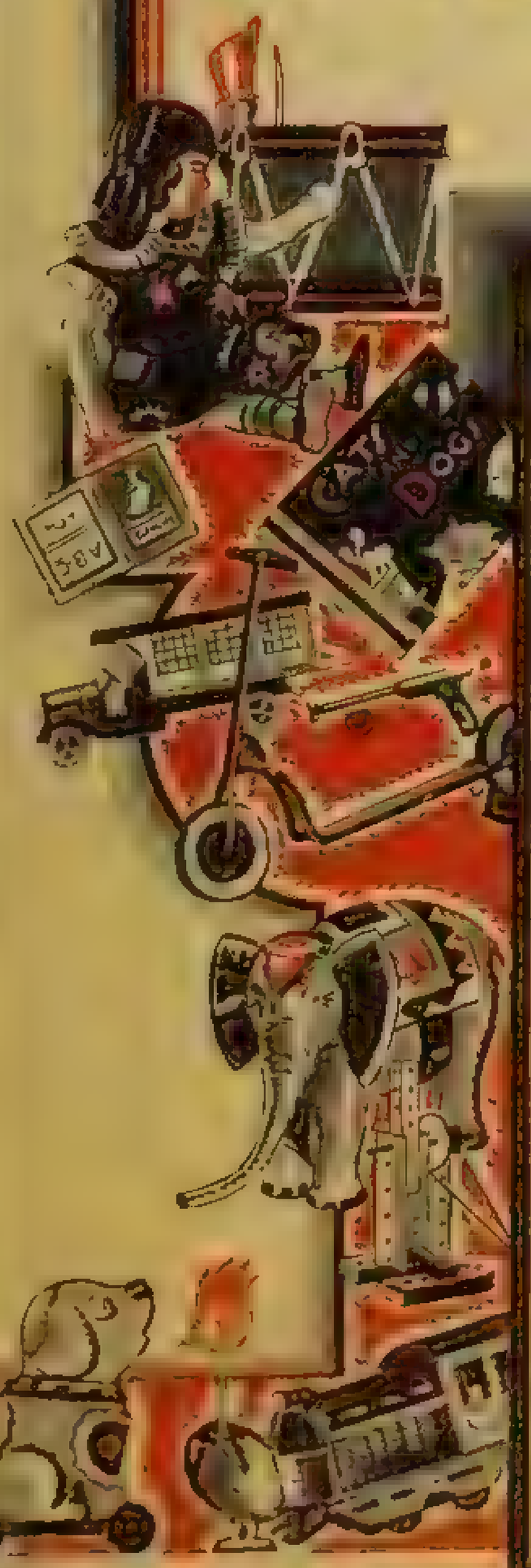
YEAR 'ROUND TOYS FOR GIRLS AND BOYS

Here is pictured the colorful and attractive KILGORE *house — just one of the many reasons why* KILGORE *toys sell more readily*

This is one of the many beautiful KILGORE *toys that will delight boys and girls*

TOYS AND NOVELTIES

NOVEMBER, 1930



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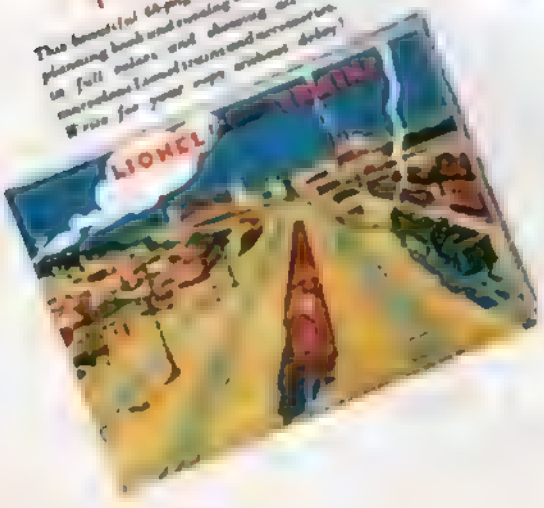
"UNCLE DON"
IS ON THE RADIO

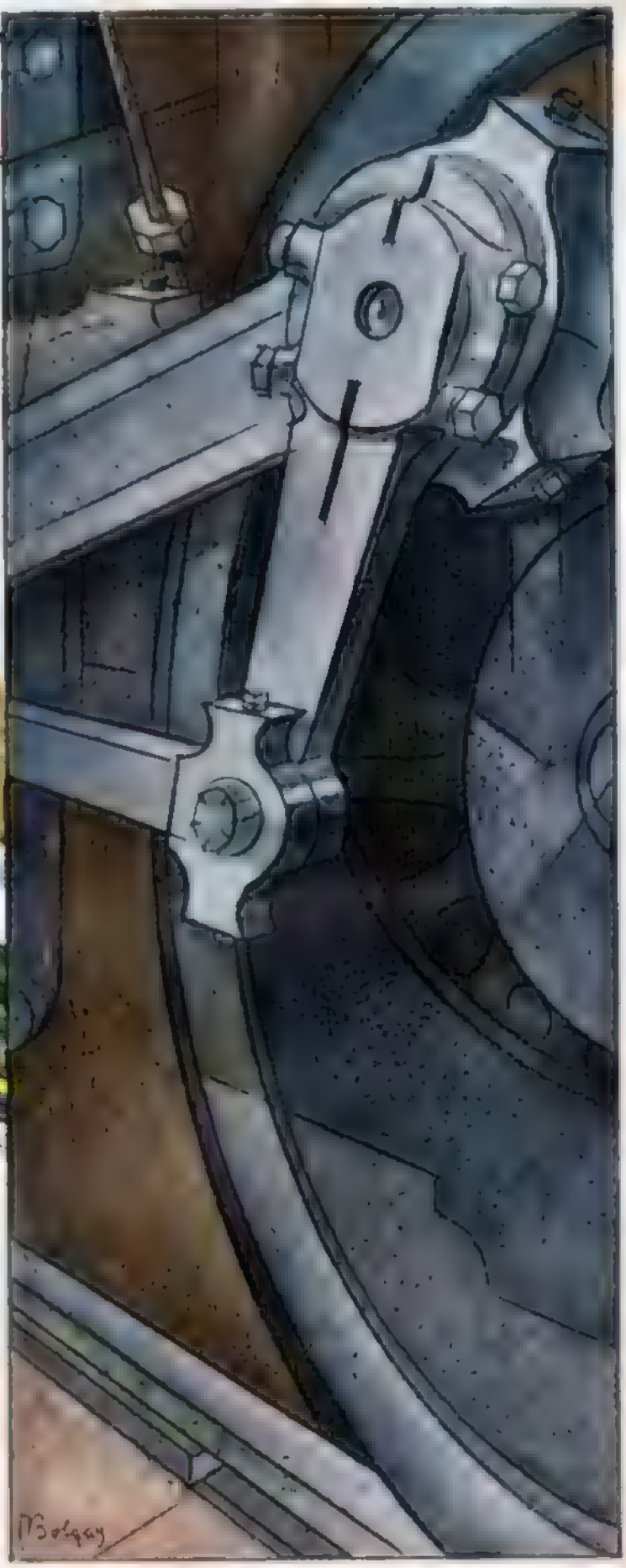
Starting November 14th

Every Friday night, 6:00 to 6:30 Eastern Standard Time, "Uncle Don" and his Lionel Engineers' Club over stations WOR (New York), WLW (Cincinnati) and WBBM (Chicago). Listen in and enjoy this wonderful Lionel radio program, and laugh with "Uncle Don"

FREE!

This beautiful 48-page Lionel railroad planning book and catalog—elaborately illustrated in full colors and showing all the marvelous Lionel trains and accessories. Write for your copy without delay!





"The kind the boys prefer." We recommend the use of Bulls Eye Steel Shot with Daisy Air Rifles.

$500.00 in Prizes—

For the Best Letters on this Subject, "How to Have the Most Fun with a Daisy Air Rifle."

Now is the Time to pick out your Daisy for Christmas

GET the jump on everybody this Christmas and pick out the Daisy you want for Christmas and make an early start on your campaign that will result in your making up Christmas morning to find waiting for you the gun of your dreams—the Daisy Air Rifle that will make you the envy of all the other fellows in the neighborhood.

How to Get the Daisy You Want

First of all pick out the exact Daisy model you want and find out the lowest price at which it can be had. All the famous Daisy models are described and illustrated in the Daisy Manual, which we will send free on request. Or, better still, go to your nearest hardware or sporting goods dealer and ask him to show you the Daisy models that he carries in stock. He will let you pick out the one you like best. Look it over carefully, put it to your shoulder and see how "sweet" it feels as you straighten your arm, sight along the barrel.

You will surely find a Daisy that suits you perfectly among the different models from the new Improved Daisy Lever, a repeater which will repeat 5,000 times—the Daisy Single Shot for only $1.00.

When you have decided on the Daisy you want, start right in and let everyone in the family know that you want a Daisy for Christmas. Tell them the exact model you want, how much it costs and where it can be bought.

It never occurs to your having a gun—realize as sometimes necessary about guns—tell them that you will be exceedingly careful and never point it in the direction of any living person, and even go so far as to promise to do anything that could possibly be construed as dangerous. Show them the Daisy package which you will find in the Daisy Manual and that you have a good notion to observe to the letter.

Tell them, too, that the Daisy is a safe gun and shoots with compressed air instead of powder and cannot shoot hard enough to harm anyone.

Tell them that for more than 40 years the Daisy has been the favorite American boys' gun and has created millions of boys now grown to manhood in the principles of marksmanship. Many of America's best marksmen got their start with a Daisy Air Rifle.

Above all keep after the folks. Perseverance always wins. Tell them morning, noon and night about the Daisy you want for Christmas. If you do a good pulpit salesmanship job you will surely find your Daisy waiting for you Christmas morning, ready to give you more real fun than you ever had before in your whole life.

Write for This Free Copy of the Daisy Manual

DAISY MANUFACTURING COMPANY
103 Union Street
PLYMOUTH, MICHIGAN, U. S. A.

DAISY AIR RIFLES

SYPHONS
are operative continuously

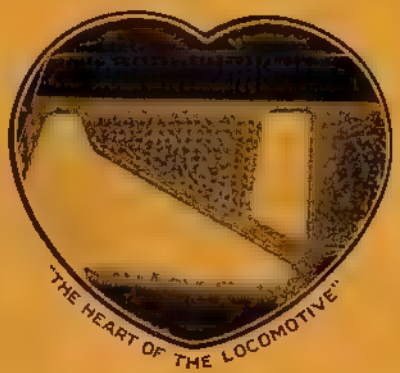
Thermic Syphons are integral parts of the boiler operative continuously during the whole locomotive service period

One of the 80 Syphon equipped switch engines built recently by the American Locomotive Company for the Chesapeake & Ohio Railway Company

Contributing Unequalled Economies in Switch Engine Operation

Switch engines make 25% of all engine mileage. From the time the fire is lighted until it is extinguished, Thermic Syphons are creating active circulation, saving fuel, reducing stresses on flues, sheets and staybolts—and providing unfailing safety.

Syphons are at work continuously whether locomotive is moving or standing, providing an abundant reserve of steam to meet the flexible requirements of switching service.



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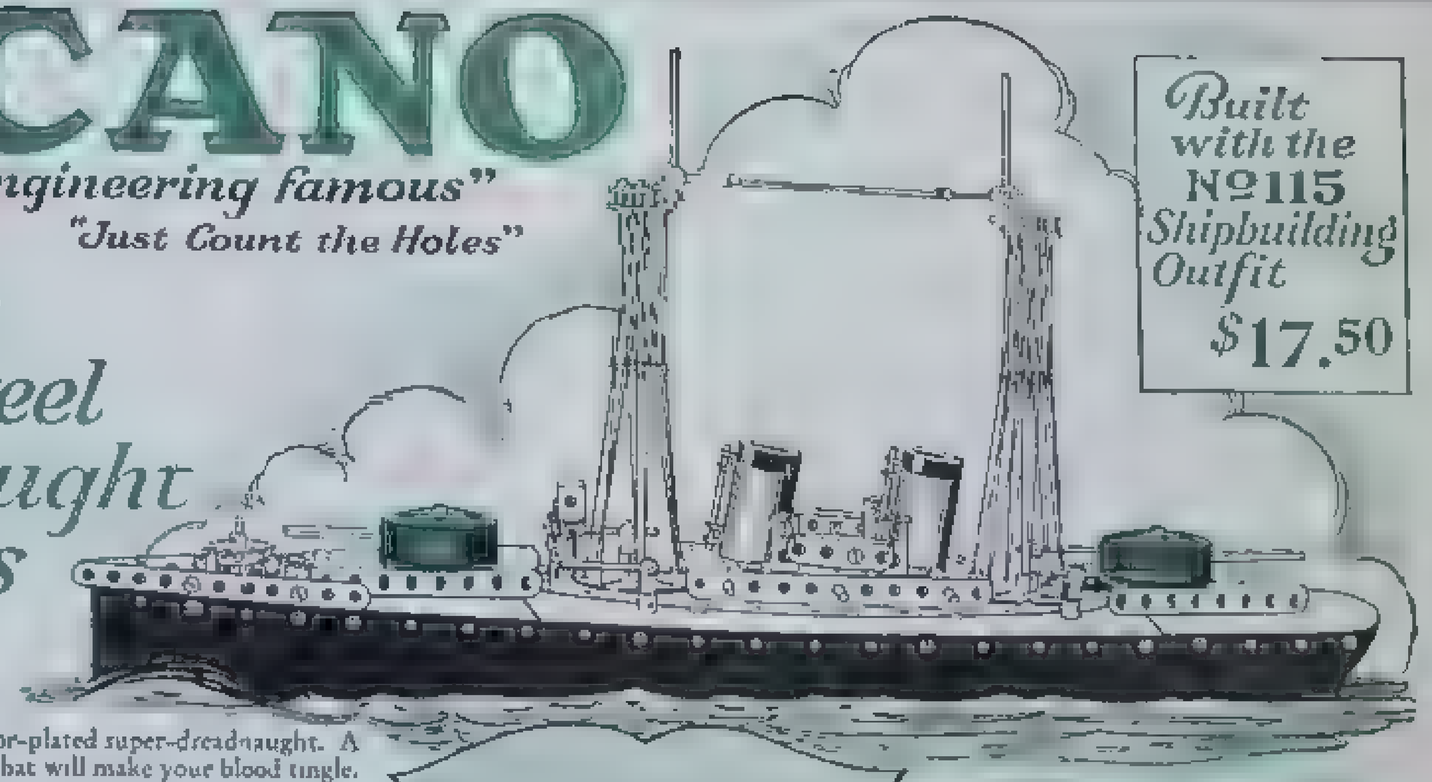
LOCOMOTIVE FIREBOX COMPANY
NEW YORK CHICAGO MONTREAL

MECCANO

"The Toy that made Engineering famous"

"Just Count the Holes"



Built with the **№115** *Shipbuilding Outfit* **$17.50**

Build this Mighty All-steel Superdreadnaught that Floats and Runs

AHOY MATES! Feast your eyes on this powerful armor-plated super-dreadnaught. A roaring, racing bulldog of the Navy. Here's a flagship that will make your blood tingle. Built just like Uncle Sam's biggest and finest battleships

If you've a thirst for adventure and a taste for the sea, the MECCANO Shipbuilding Outfit is the most glorious toy you can own. You build this gigantic warship yourself, lay the keel just as they do in the big Navy yards, fit on the hull and armor plate and mount the guns.

BUT the big moment is when you launch her—when you see her slip gracefully into the water—when you see her awaken to a proud sea life and go forward under her own power

You can build all kinds of fascinating ships with this wonderful MECCANO Shipbuilding Outfit. Gigantic ocean liners—dashing speed boats—stalwart freighters—adventurous pirate ships—graceful yachts—and many others.

IN the sturdy, green, MECCANO Sea Chest, you will find keel, hull, armor plate, anchor, masts, smoke-stacks, guns, propeller and all necessary parts for building real ships—vessels that actually float and run.

Features that make MECCANO *famous*

MECCANO, the Toy that made engineering famous. Better and easier model building. The oldest construction toy and still the best. Fascinating fun, stupendous surprises, thrilling adventures in mechanical mysteries—they are yours with MECCANO. Interchangeable with other construction toys.

1. Just count the holes. The Famous MECCANO flat beams and angle beams have equally spaced holes (½" apart). Remember, too, MECCANO gives a connection or bearing wherever it is needed.
2. MECCANO Patented Super-Power Unit (Combination Electric Motor and Gear Box). Again—just count the holes. Adapted for simple reversing connections. (In No. 5 MECCANO outfit and up.)
3. Patented MECCANO Two-Drum 110-Volt Electric Hoisting Engine. Equipped with famous 110-Volt Polar Cub Motor. Multiple disc clutch. Miniature replica of a genuine hoisting engine. A complete operating unit for building hoisting machinery, derricks, cranes, elevators, etc. (In No. 125 MECCANO Outfit and up.)
4. Solid Steel Ship Hull, 23" long. Built to float and run. Other exclusive ship features—ship funnel, decks, keel, propeller, pilot house, and many others. (In No. 115 MECCANO Outfit and up.)
5. Patented MECCANO Braced Girders, 12" long, 2" wide
6. Giant MECCANO Geared Roller Bearing.
7. Giant MECCANO Perforated Flanged Plate, 16½" x 5½", heavy boiler steel.
8. Solid Steel Disc Wheels with genuine Dunlop solid rubber tires.

Innumerable other exclusive MECCANO features, such as—girder flanges, chimney adapters, corner angle brackets, eccentrics, MECCANO patented coupling, sector plates, etc.

Popular MECCANO Outfits

NO. 1—APPRENTICE OUTFIT. Builds over 470 models $1.00

NO. 3—JUNIOR ENGINEERS' OUTFIT. Contains steel wheels, patented MECCANO braced beams, perforated plates and trunnions $3.00

No. 5—Super-Power Outfit with Electric Motor $5.00

All the parts in the No. 3 and the Powerful MECCANO Electric Motor.

No. 110—Big Motor Car Outfit $10.00

Builds big trucks, speedy racing cars, snappy roadsters and hundreds of other fascinating models.

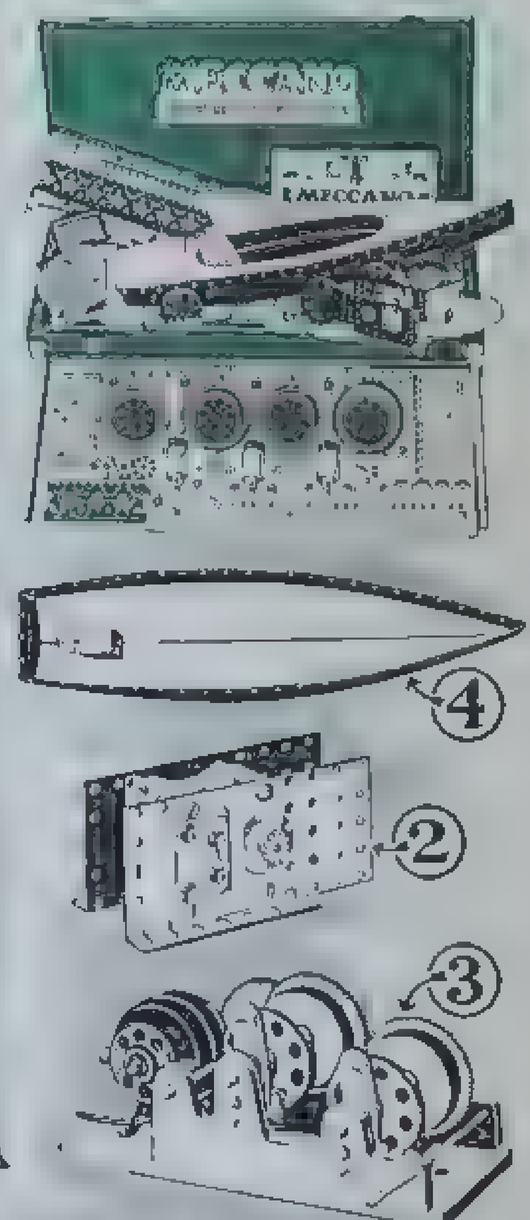
No. 115—Shipbuilding Outfit $17.50

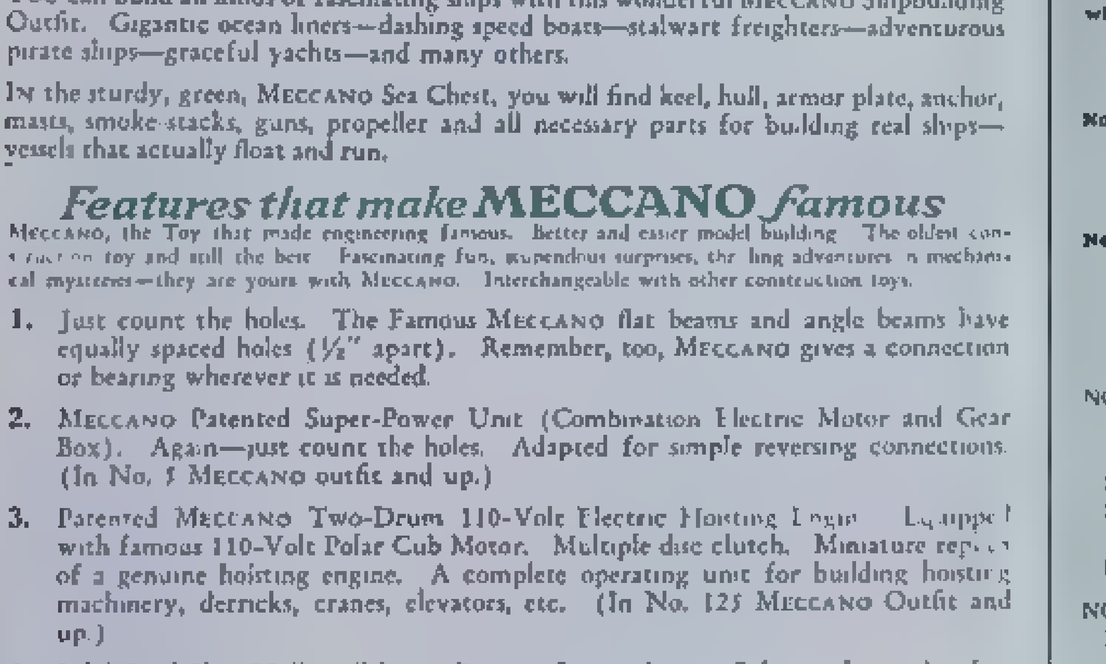
Builds ships that float and run under their own power. Contains parts for building all kinds of ships. Packed in handsome green ocean chest with model building tray.

NO. 125—ELECTRIC HOISTING OUTFIT. Builds the Two-Drum Electric Hoisting Derrick, Portable Jib Crane, Steam Shovel, Elevators. Also contains all parts in Shipbuilding Outfit and famous Polar Cub 110-volt universal motor. Packed in large brass bound green wooden chest . $37.50

NO. 110—MASTER ENGINEERS' OUTFIT. Builds the Giant Revolving Crane and 1000 other models. Contains Polar Cub 110-volt universal motor and a total of 71 pounds of parts, including all shipbuilding parts. MECCANO's Master Outfit. Packed in huge brass-bound green wooden chest $65.00

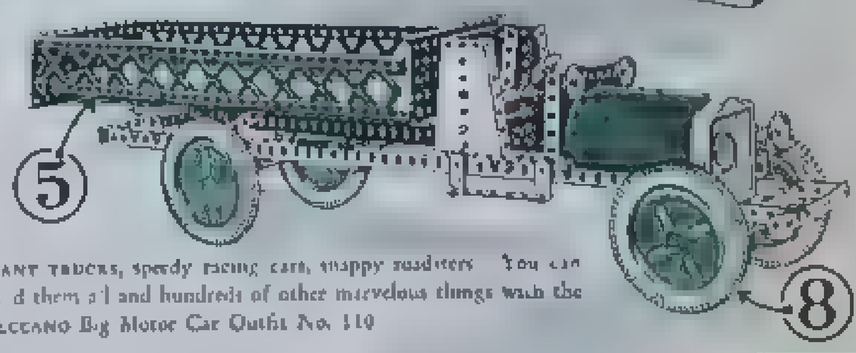
Also manufacturers of
MECCANO BUILDING BLOCKS





Your dealer has the big MECCANO display in your toy store. Go in and see the wonderful Shipbuilding Outfit and other MECCANO Outfits. Take your Dad along. He will be as eager as you to have a MECCANO Outfit

Put the control lever and the big two Jib Revolving Crane swings [illegible]. An exciting operation as it [illegible] Master Engineers Outfit No. 110



GIANT TRUCKS, speedy racing cars, snappy roadsters. You can build them all and hundreds of other marvelous things with the MECCANO Big Motor Car Outfit No. 110

JOIN THE MECCANO ENGINEERS

Here's the greatest boys' engineering club in the world—The MECCANO Boy Engineers. It is made up of boys from all over the world who love adventure—who like to do things. Be the first boy in your neighborhood to join. Handsome membership badge sent free. Also illustrated book on MECCANO. Send the coupon today.

THE MECCANO ENGINEERS

THE MECCANO ENGINEERS,
100 MECCANO CIRCLE,
NEW HAVEN, CONN

I want to join the MECCANO Boy Engineers. Please send *free* membership badge and copy of free book on MECCANO.

Name

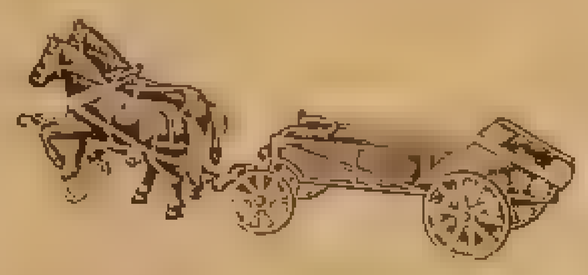
Street

City State

Your Choice of These
FAMOUS McCORMICK-DEERING TOYS

These are perfect miniatures of the famous McCormick-Deering Tractor, the Farmall Tractor, McCormick-Deering Plow, McCormick-Deering Thresher, McCormick-Deering Spreader, and the International Truck.

Given with your own subscription or as a reward for securing subscriptions of your neighbors to Farm Mechanics Magazine.



McCORMICK-DEERING MANURE SPREADER—Made of cast iron, has hook on tongue for attaching to tractor; horses are removable. Length over all 15 inches; length of wagon box 9 inches; width [illegible] inches. Finished with red [illegible] gears blue gear guard and seat with steel tongue. Black horses trimmed in gold. Beaters turning when spreader is pulled.

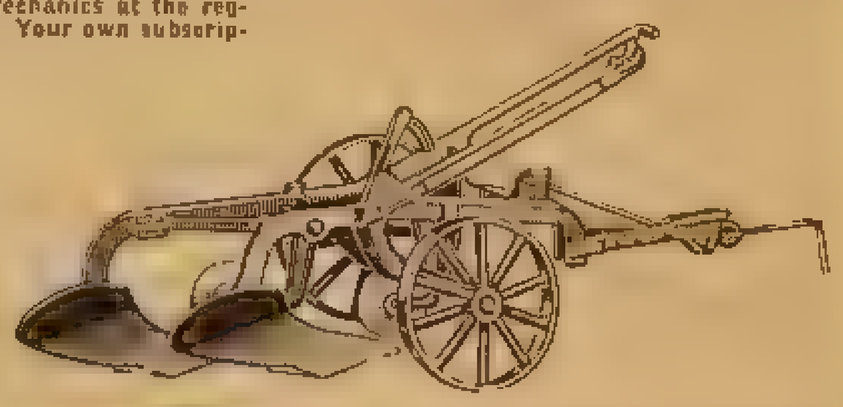
Given as a reward for securing two 3-year subscriptions to Farm Mechanics Magazine at the regular price of $1.00 each. Your own subscription cannot be included.

TOY INTERNATIONAL RED BABY DUMP TRUCK—Made of cast iron with rubber tire wheels; has red body with nickeled man. rachet crank and hoist which operates the dump body. Length 10¾ inches, 4⅝ inches high, 3½ inches wide.

Given as a reward for securing two 3-year subscriptions to Farm Mechanics at the regular price of $1.00 each. Your own subscription cannot be included.

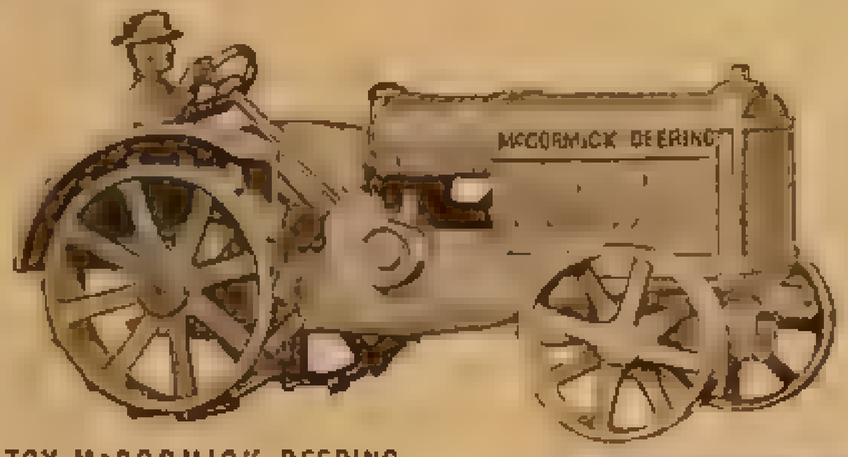
TOY McCORMICK-DEERING THRESHER [illegible] plaster with stacker extended 14½ inches; width 2⅜ inches; height [illegible] Painted in green with nickeled wheels and rack; red grain pipe, where the [illegible] Stacker extends and is movable. Grain pipe swings out. Hook on front axle for attaching to tractor.

The McCormick-Deering Thresher given as a reward for securing one 3-year subscription to Farm Mechanics at the regular price of $1.00. Your own subscription cannot be included



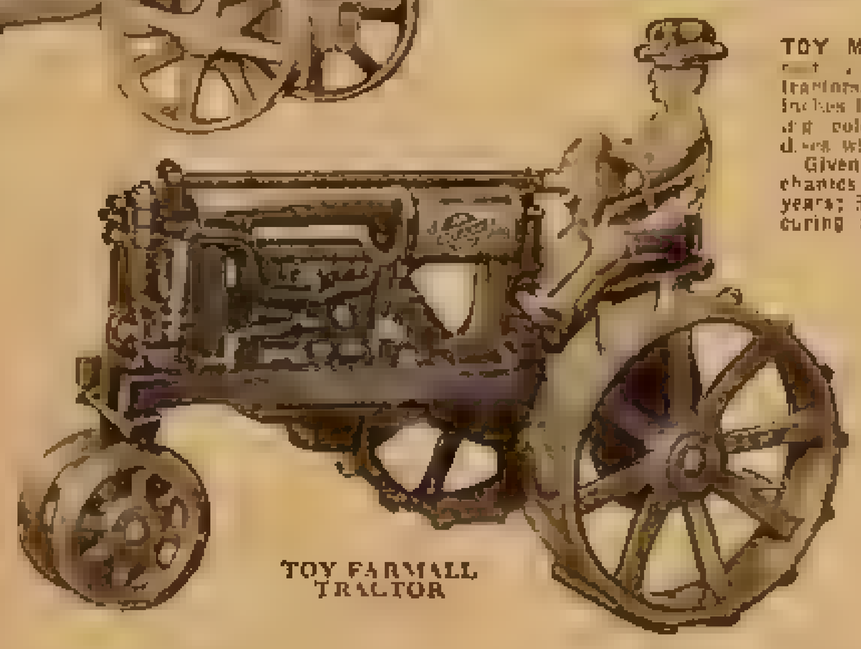
TOY McCORMICK-DEERING PLOW Made of cast iron and finished in regular McCormick-Deering colors. 7¾ inches long, 3⅝ inches wide and [illegible] inches high. Finished in regular McCormick Deering colors—Aluminum painted plow shares and discs with Red frame and Yellow wheels

Given with your own subscription to Farm Mechanics at the regular price of $1.00 for three years; 36 issues or you can obtain this toy by securing a 3-year subscription from your neighbor



TOY McCORMICK-DEERING TRACTOR Made of cast iron with flexible axle, 7 inches long, 3¾ inches wide and 4⅛ inches high. Painted in regular McCormick Deering colors—Battleship Gray with Gold stripes and Red wheels; driver in polished metal

Given with your own subscription to Farm Mechanics at the regular price of $1.00 for three years; 36 issues; or you can secure this toy by obtaining a 3-year subscription from your neighbor.



TOY FARMALL TRACTOR

TOY FARMALL TRACTOR Made of cast iron and finished in regular McCormick Deering colors. Gray body, red wheels and [illegible] with [illegible] inches, width 1⅝ inches, height 1⅝ inches.

Given with your own subscription to Farm Mechanics at the regular price of $1.00 for three years; 36 issues; or you can obtain this toy by securing a 3-year subscription from your neighbor.

Use This Blank to Secure Toys

FARM MECHANICS MAGAZINE
407 South Dearborn Street, Chicago, Illinois. Nov 30

Gentlemen:

Send me by mail, postage prepaid, the McCormick-Deering Toy (write in name of toy)..... as a [illegible] Farm Mechanics Magazine for three years (36 issues) for which I am enclosing the regular [illegible] price of $1.00 each.

Send Toy to:

Name .....

Town .....

R. F. D. ..... State .....

Send Farm Mechanics to

Name .....

Town .....

R. F. D. ..... State .....

Name .....

Town .....

R. F. D. ..... State .....

How to Claim Your Toys

Select the toy you want. Read carefully the instructions about what you have to do to get the toy you select.

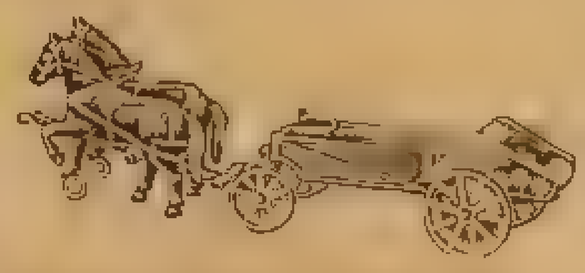
Mail the full amount you collect for subscriptions with the request for toys. Write your name and address and the names of the subscribers you secure carefully so that there will be no doubt about the spelling of either the name or the town. You need not be a subscriber to Farm Mechanics to qualify for any of these toys. You can obtain as many toys as you want by securing the number of subscriptions necessary to qualify for each toy

The coupon is for your convenience.

Your Choice of These
FAMOUS McCORMICK-DEERING TOYS

These are perfect miniatures of the famous McCormick-Deering Tractor, the Farmall Tractor, McCormick-Deering Plow, McCormick-Deering Thresher, McCormick-Deering Spreader, and the International Truck.

Given with your own subscription or as a reward for securing subscriptions of your neighbors to Farm Mechanics Magazine.



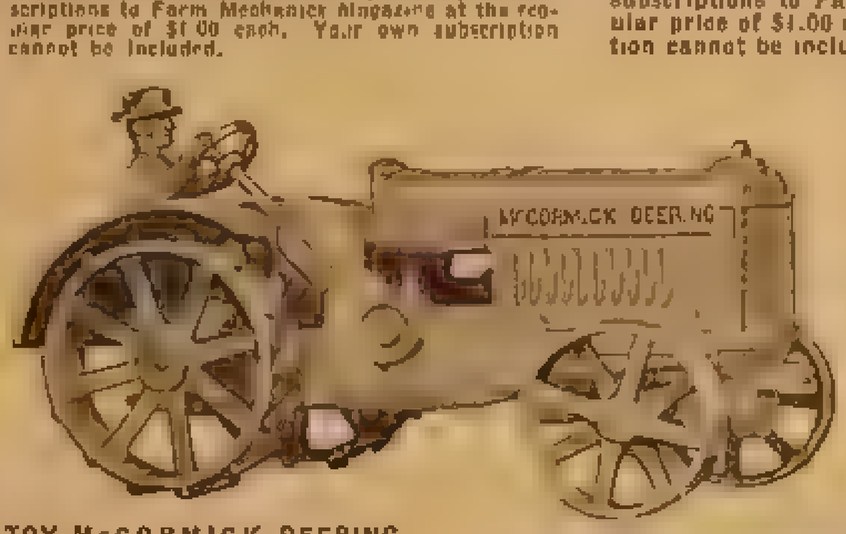
McCORMICK DEERING MANURE SPREADER—Made of cast iron [illegible] Given as a reward for securing two 3-year subscriptions to Farm Mechanics Magazine at the regular price of $1.00 each. Your own subscription cannot be included.

TOY INTERNATIONAL RED BABY DUMP TRUCK Made of cast iron with rubber tires and has red body with [illegible] dump body. Length 10¾ inches, 4¾ inches high, 3½ inches wide

Given as a reward for securing two 3-year subscriptions to Farm Mechanics at the regular price of $1.00 each. Your own subscription cannot be included.

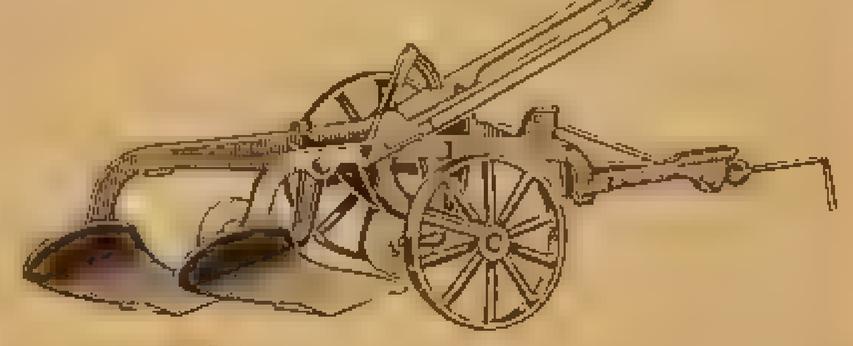
TOY McCORMICK-DEERING THRESHER [illegible] inches long, length with stacker extended [illegible] inches high, [illegible] inches wide. Painted [illegible] wheels at [illegible] stacker [illegible] Unpainted all metal [illegible]

This McCormick-Deering Thresher given as a reward for securing one 3-year subscription to Farm Mechanics at the regular price of $1.00. Your own subscription cannot be included



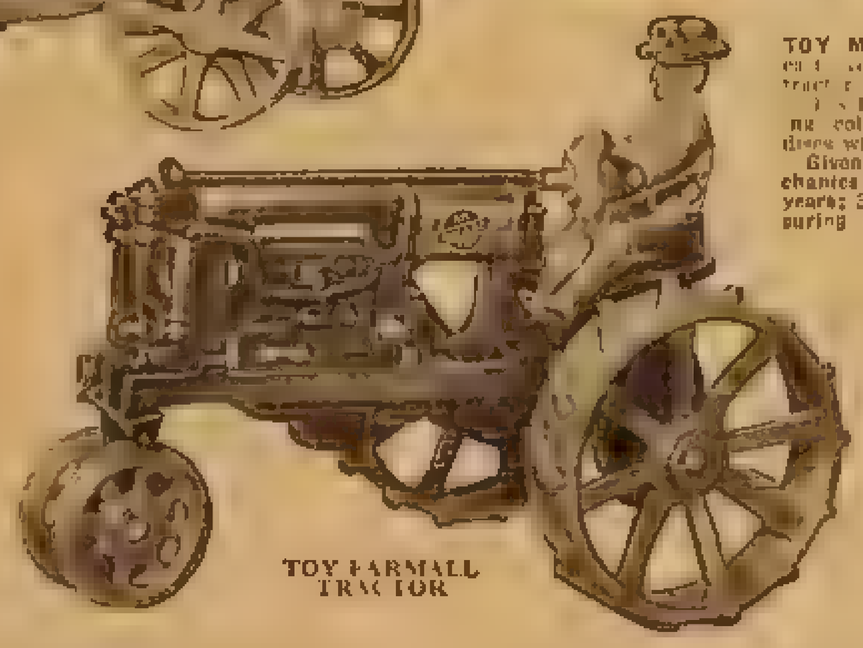
TOY McCORMICK-DEERING TRACTOR—Made of cast iron with [illegible] axle, 7¾ inches long, 3¾ inches wide and 4¼ inches high. Painted in regular McCormick-Deering colors—Battleship Gray with Gold stripes and Red wheels; driver in polished metal

Given with your own subscription to Farm Mechanics at the regular price of $1.00 for three years; 36 issues; or you can secure this toy by obtaining a 3-year subscription from your neighbor.



TOY McCORMICK-DEERING PLOW—Made of cast iron with [illegible] tractor [illegible] Painted in regular McCormick-Deering colors—Alumagraph [illegible] wheels and discs with Red frame [illegible]

Given with your own subscription to Farm Mechanics at the regular price of $1.00 for three years; 36 issues; or you can obtain this toy by securing a 3-year subscription from your neighbor.



TOY FARMALL TRACTOR

TOY FARMALL TRACTOR—Made of cast iron and finished in regular McCormick-Deering colors. Gray with red wheels and nickeled mast. Length 6 inches, width 4¾ inches, height 4⅝ inches.

Given with your own subscription to Farm Mechanics at the regular price of $1.00 for three years; 36 issues; or you can obtain this toy by securing a 3-year subscription from your neighbor

Use This Blank to Secure Toys

FARM MECHANICS MAGAZINE,
607 South Dearborn Street, Chicago, Illinois. Nov. 30

Gentlemen:

Send me by mail, postage prepaid, the McCormick-Deering Toy (write in name of toy)...

[illegible] Farm Mechanics Magazine for [illegible] 3 years [illegible] 36 issues.

Send Toy to

Name .....

Town .....

R. F. D. ..... State .....

Send Farm Mechanics to:

Name .....

Town .....

R. F. D. ..... State .....

Name .....

Town .....

R. F. D. ..... State .....

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The coupon is for your convenience.

Line

The New North Coast Limited

Compan on of Mounta n s

NORTHERN PACIFIC

An International Silver Co. Product

Tea or Coffee Set, 3 Pieces

Coffee Pot, Sugar Bowl and Cream Pitcher

Light Butler Finish, Macassar Ebony Trim

		List	Consumer
008803	Set of Three Pieces	$81.36	$65.00
008806	Coffee Pot, 32 ounces ...	31.30	25.00
008808	Sugar Bowl.....	$25.04	$20.00
008809	Cream Pitcher, Gold Lined	25.04	20.00

008811 Waiter, 16 inch, oblong (not illustrated).....*List, $31.30;* Consumer, $25 00

LEGACY PATTERN

Called the Legacy because the chaste and lovely beauty is an inheritance from more than eighty years of 1847 Rogers Bros. leadership in silverware design

The Timeliness of the Pattern Recognized Everywhere — Keyed to the Day's Modes and the Merchant's Sales Needs

THE instantaneous success that greeted LEGACY established a new record in silverware history. . . . The reason is delightfully self-evident in the pattern itself, embodying, as it does, the crisp, straightaway lines of modern art.

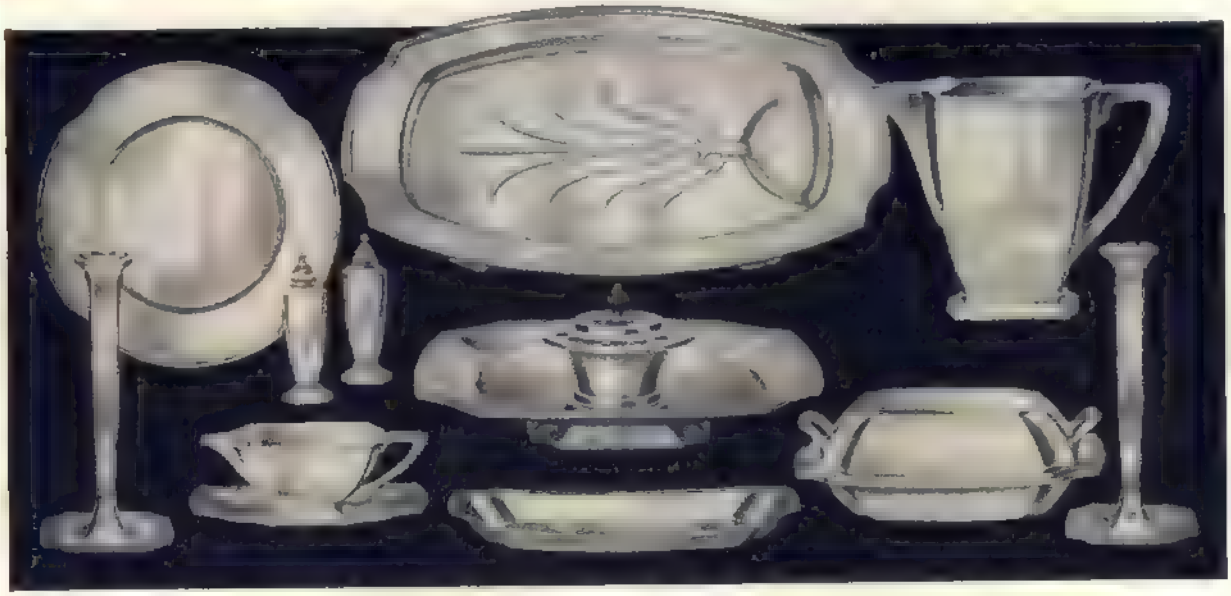
The product of the best in modern craftsmanship, it expresses four generations of 1847 ROGERS BROS. Silverplate artistry. Lucky the bride who is starting her silver service with this smart and lovely design.

A Modern Pattern with a Distinguished Inheritance

1847 ROGERS BROS.

SILVERPLATE

6-29-22



008803 Tea or Coffee Set
Three Pieces
Coffee Pot, Sugar Bowl and Cream Pitcher
List, set, $81.36, Consumer, set, **$65.00**

008811 Waiter, 10 inch, oblong
not illustrated
List, each, $31.30; Consumer, each, **$25.00**

008846 Service Plate, 10¾ in.
List, each, $12.52; Consumer, each, **$10.00**

008847 Bread and Butter Plate
Diameter, 6½ inches
List, each, $6.26; Consumer, each, **$5.00**

008844 Salt and Pepper Set
Height, 4⅞ inches
List, set, $12.52; Consumer, set, **$10.00**

008841 Gravy Boat and Plate
Capacity, 16 ounces
List, set, $25.04; Consumer, set, **$20.00**

Meat Dishes, Plate

		List	Consumer
008831	16 inch	$25.04	$20.00
008832	18 inch	31.30	25.00
008833	20 inch	37.54	30.00

Meat Dishes, Well and Tree

008835	16 inch	$34.42	$27.50
008836	18 inch	40.68	32.50
008837	20 inch	46.94	37.50

LEGACY PATTERN

Light Butler Finish
Macassar Ebony Trim

Matching the Spoons, Forks and Knives in the Legacy Pattern

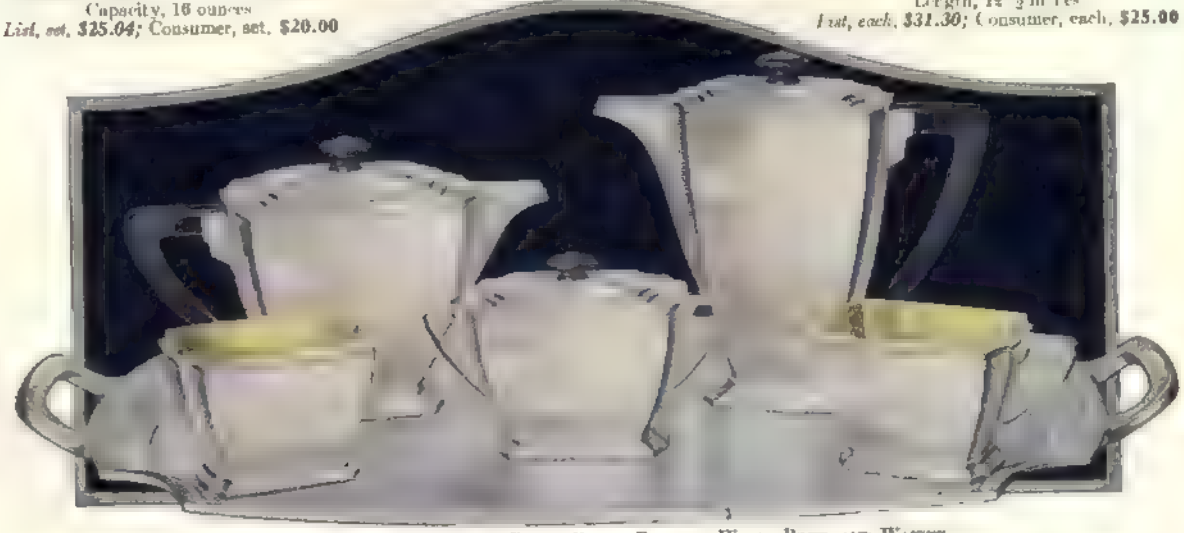
008843 Water Pitcher
Capacity, 4 pints
List, each, $37.54; Consumer, each, **$30.00**

008824 Bread Tray
Length 12¼ inches
List, each, $15.64; Consumer, each, **$12.50**

008850 Centerpiece
Width, 14 inches
Flower Holder
with Silver Plated Double Mesh
List, each, $50.06, Consumer, each, **$40.00**

008853 Candlesticks
Height, 10 inches
List, pair, $31.30, Consumer, pair, **$25.00**

008839 Double Vegetable Dish
Side Handles
Length, 12 ⅜ inches
List, each, $31.30; Consumer, each, **$25.00**



Tea Pot, Coffee Pot, Sugar Bowl, Cream Pitcher, Waste Bowl and Waiter

		List	Consumer
008805	Set of Five Pieces	$125.16	$100.00
008804	Set of Four Pieces	112.64	90.00
008803	Set of Three Pieces	81.36	65.00
008806	Coffee Pot (or Chocolate), 32 ounces	31.30	25.00
008807	Tea Pot, 32 ounces	31.30	25.00
008808	Sugar Bowl	$25.04	$20.00
008809	Cream Pitcher, Gold Lined	25.04	20.00
008810	Waste Bowl, Gold Lined	12.52	10.00
008812	Waiter, 12 inch, oblong	50.06	40.00
008811	Waiter, 10 inch, oblong not illus	31.30	25.00

1847 ROGERS BROS.

SILVERPLATE

6-29-23

AMBASSADOR PATTERN

Six in Box

		Per Dozen List	Consumer
8401	Tea Spoons	*$9.18*	$7.50
8402	Dessert or Oval Soup Spoons	*18.36*	15.00
8403	Table or Serving Spoons	*18.36*	15.00
8404	Soup Spoons, Round Bowl	*18.36*	15.00
84005	Bouillon Spoons Gift Box	*17.74*	14.50
8405	Dinner Forks	*18.36*	15.00
8406	Dessert or Luncheon Forks	*18.36*	15.00

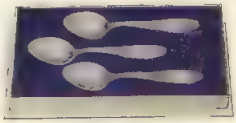
Solid Handle Knives

With Stainless Blades

84472s Dinner Knives *$18.28* $14.00

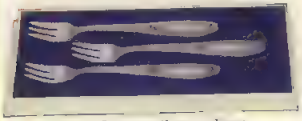
The above knives have French shape blades

84475s Fruit Knives . . *16.32* 12.50



84008 Coffee Spoons
List, set of six, $4.59; Consumer, set of six $3.75

84013 Olive Spoon
List, each, $2.15; Consumer, each, $1.75



84106 Oyster or Cocktail Forks
List, set of six, $6.45; Consumer, set of six, $5.25

84227 Gravy Ladle
List, each, $3.38; Consumer, each $2.75

84226 Mayonnaise or Sauce Ladle
List, each, $2.76; Consumer, each, $2.25

Like a true ambassador, the Ambassador *pattern worthily represents the great line of which it is a part*

Hollow Handle Knives

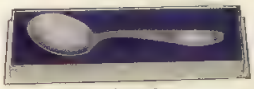
With Stainless Blades

		Per Dozen List	Consumer
84402M	Dinner Knives, Mirror Finish	*$36.50*	$28.00
84402s	Dinner Knives	*31.30*	24.00
84404M	Dessert or Luncheon Knives, Mirror Finish	*36.50*	28.00
84404s	Dessert or Luncheon Knives	*31.30*	24.00

The above knives have French shape blades

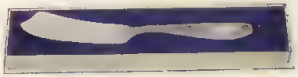
84406s Fruit Knives *28.70* 22.00

84208s Tea or Salad Knives . . . *28.70* 22.00

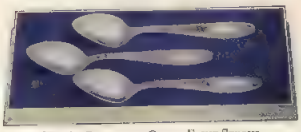


84017 Sugar Spoon
List, each, $1.53; Consumer, each, $1.25

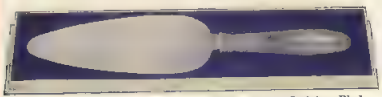
84301 Butter Knife and Sugar Spoon
List, set, $3.06; Consumer, set, $2.50



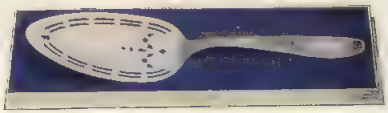
84201 Butter Knife
List, each, $1.53; Consumer, each, $1.25



84014 Orange or Grape Fruit Spoons
List, set of six, $7.05; Consumer, set of six, $5.75



84254M Pie or Ice Cream Server, Mirror Finish Stainless Blade
List, each, $5.52; Consumer, each, $4.50



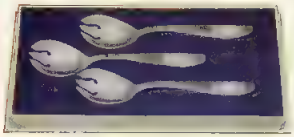
84253 Dessert Server
List, each, $5.32; Consumer, each, $4.25

.1847 ROGERS BROS.

SILVERPLATE

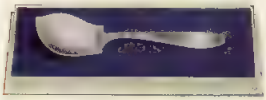
6-29-10

AMBASSADOR PATTERN



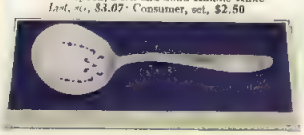
84105 Ice Cream Forks
List, set of six, $7.68; Consumer, set of six, **$6.25**

84108 Pickle Fork
List, each, $1.84; Consumer, each, **$1.50**



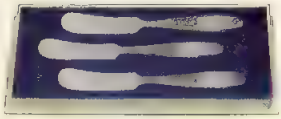
84204 Jelly Server
List, each, $2.15; Consumer, each, **$1.75**

Child's Sets
84353 Spoon, Fork and Hollow Handle Knife
List, set, $4.38; Consumer, set, **$3.50**
84352 Spoon, Fork and Flat Handle Knife
List, set, $3.68; Consumer, set, **$3.00**
84356 Spoon, Fork and Solid Handle Knife
List, set, $3.07; Consumer, set, **$2.50**



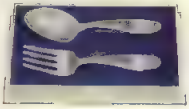
84252 Cucumber or Tomato Server
List, each, $3.99; Consumer, each, **$3.25**

84003 Berry or Salad Spoon
List, each, $4.30; Consumer, each, **$3.50**
84004 Berry Spoon, Small, or Preserve
List, each, $3.38; Consumer, each, **$2.75**

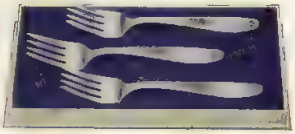


84202 Butter Spreaders
List, set of six, $7.68; Consumer, set of six, **$6.25**

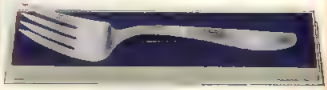
84001 Baby Spoon, Bent Handle
List, each, $1.23; Consumer, each, **$1.00**
84002 Baby Spoon, Short Handle
List, each, $1.23; Consumer, each, **$1.00**



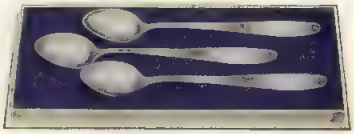
Baby Sets
84304 Baby Spoon and Fork, Short Handles
List, set, $2.46; Consumer, set, **$2.00**
84303 Baby Spoon and Food Pusher
List, set, $2.46; Consumer, set, **$2.00**



84111 Salad Forks, Individual
List, set of six, $9.18; Consumer, set of six, **$7.50**



84103 Cold Meat Fork
List, each, $3.07; Consumer, each, **$2.50**
84104 Cold Meat Fork, Small
List, each, $2.46, Consumer, each, **$2.00**



84012 Iced Tea Spoons
List, set of six, $7.36; Consumer, set of six, **$6.00**

.1847 ROGERS BROS.

SILVERPLATE

6-29-1.

An INTERNATIONAL SILVER Co. Product

AMBASSADOR PATTERN

Six in Box

		Per Dozen List	Consumer
8401	Tea Spoons	$9.18	$7.50
8402	Dessert or Oval Soup Spoons	18.36	15.00
8403	Table or Serving Spoons	18.36	15.00
8404	Soup Spoons, Round Bowl	18.36	15.00
84005	Bouillon Spoons, Gift Box	17.74	14.50
8405	Dinner Forks	18.36	15.00
8406	Dessert or Luncheon Forks	18.36	15.00

Solid Handle Knives

With Stainless Blades

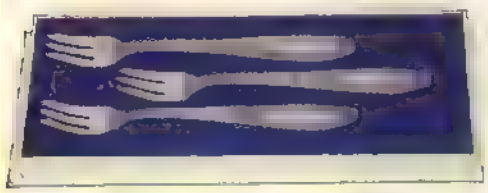
84472s	Dinner Knives	$18.28	$14.00

The above knives have French shape blades

84475s	Fruit Knives	16.32	12.50

84008 COFFEE SPOONS
List, set of six, $4.59; Consumer, set of six, $3.75

84013 OLIVE SPOON
List, each, $2.15; Consumer, each, $1.75



84106 OYSTER OR COCKTAIL FORKS
List, set of six, $6.45; Consumer, set of six, $5.25

84227 GRAVY LADLE
List, each, $3.38; Consumer, each, $2.75

84226 MAYONNAISE OR SAUCE LADLE
List, each, $2.76; Consumer, each, $2 25

Like a true ambassador, the AMBASSADOR *pattern worthily represents the great line of which it is a part*

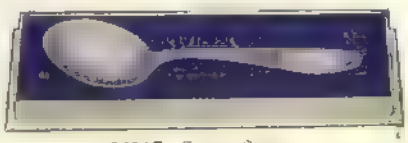
Hollow Handle Knives

With Stainless Blades

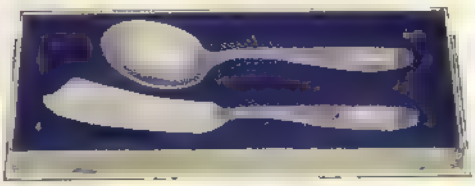
		Per Dozen List	Consumer
84402M	Dinner Knives, Mirror Finish	$36.50	$28.00
84402s	Dinner Knives	31.30	24.00
84404M	Dessert or Luncheon Knives, Mirror Finish	36.50	28.00
84404s	Dessert or Luncheon Knives	31.30	24.00

The above knives have French shape blades

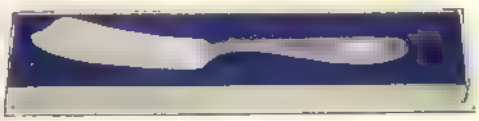
84406s	Fruit Knives	28.70	22.00
84208s	Tea or Small Knives	28.70	22.00



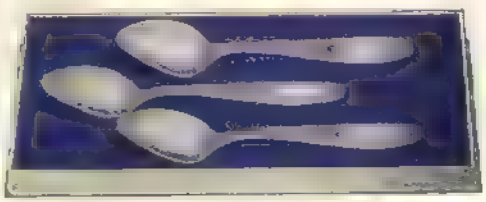
84017 SUGAR SPOON
List, each, $1.53; Consumer, each, $1.25



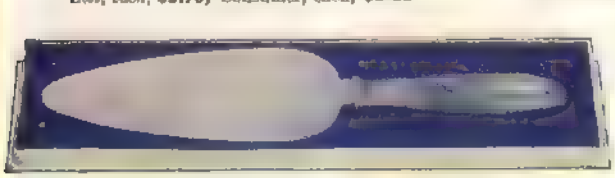
84301 BUTTER KNIFE AND SUGAR SPOON
List, set, $3.06; Consumer, set $2.50



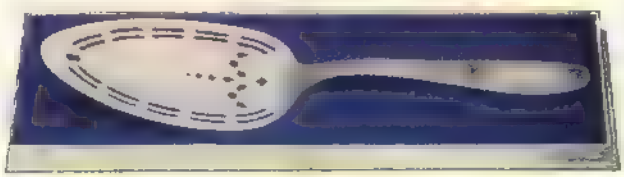
84201 BUTTER KNIFE
List, each, $1.53; Consumer, each, $1.25



84014 ORANGE OR GRAPE FRUIT SPOONS
List, set of six, $7.05; Consumer, set of six, $5.75



84254M PIE OR ICE CREAM SERVER, Mirror Finish Stainless Blade
List, each, $5.52; Consumer, each, $4.50



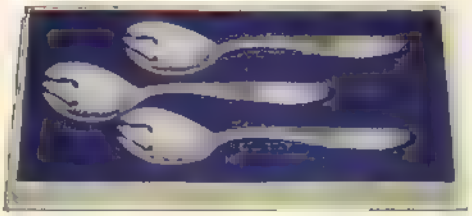
84253 DESSERT SERVER
List, each, $5.22; Consumer, each, $4.25

.1847 ROGERS BROS.

SILVERPLATE

6-29-10

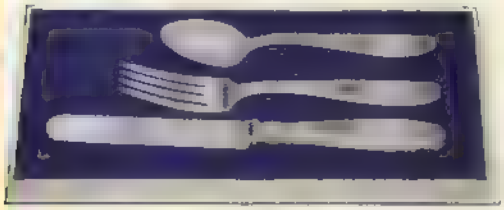
AMBASSADOR PATTERN



84105 Ice Cream Forks
List, set of six, $7.68; Consumer, set of six, **$6.25**

84108 Pickle Fork
List, each, $1.84; Consumer, each **$1.50**

84204 Jelly Server
List, each, $2.15; Consumer, each **$1.75**



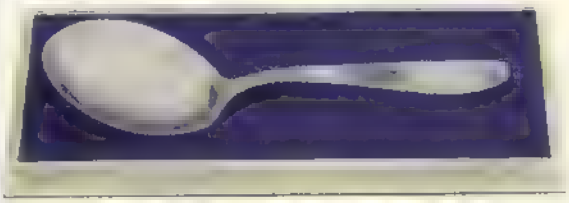
Child's Sets

84353 Spoon, Fork and Hollow Handle Knife
List, set, $4.38; Consumer, set, **$3.50**

84352 Spoon, Fork and Flat Handle Knife
List, set, $3.68; Consumer, set, **$3.00**

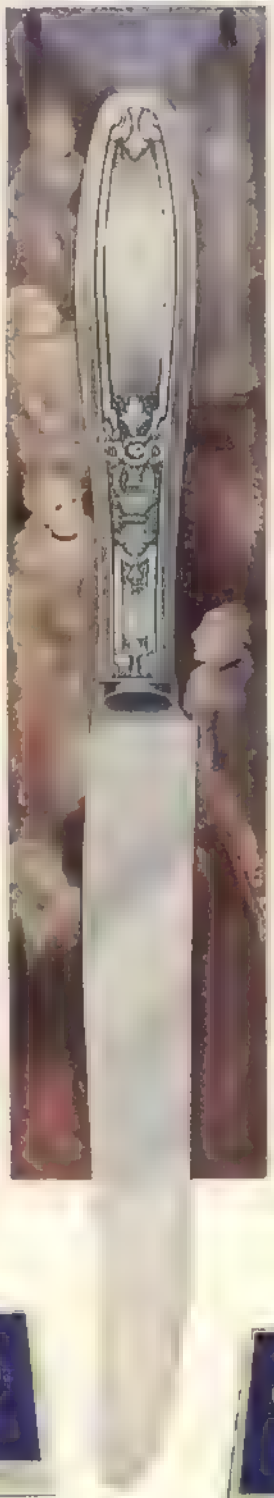
84356 Spoon, Fork and Solid Handle Knife
List, set, $3.07 Consumer, set, **$2.50**

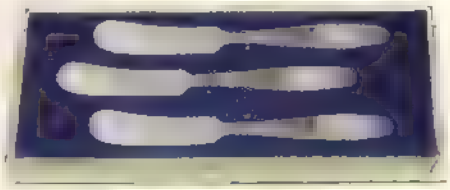
84252 Cucumber or Lima Server
List, each, $3.99 Consumer, each, **$3.25**



84003 Berry or Salad Spoon
List, each, $4.30; Consumer, each, **$3.50**

84004 Berry Spoon, Small, or Preserve
List, each, $3.38; Consumer, each, **$2 75**

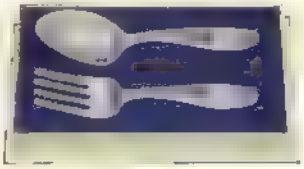




84202 Butter Spreaders
List, set of six, $7.68; Consumer, set of six, **$6.25**

84001 Baby Spoon, Bent Handle
List, each, $1.23; Consumer, each, **$1.00**

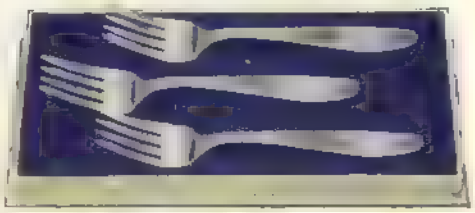
84002 Baby Spoon, Short Handle
List, each $1.23; Consumer, each, **$1 00**



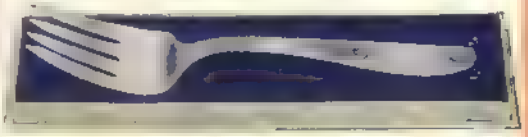
Baby Sets

84304 Baby Spoon and Fork, Short Handles
List, set, $2 46; Consumer set, **$2.00**

84303 Baby Spoon and Food Pusher
List, set $2.46; Consumer set **$2.00**

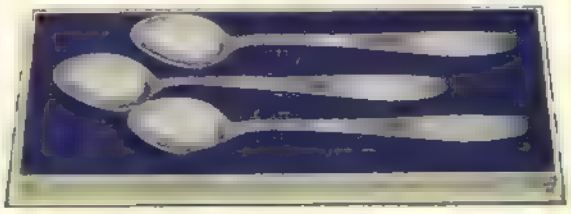


84111 Salad Forks, Individual
List, set of six, $9.18; Consumer, set of six, **$7.50**



84103 Cold Meat Fork
List, each, $3.07; Consumer, each, **$2.50**

84104 Cold Meat Fork, Small
List, each, $2 46; Consumer each **$2 00**



84012 Iced Tea Spoons
List, set of six, $7.36; Consumer, set of six, **$6.00**

.1847 ROGERS BROS.

SILVERPLATE

6-29-11

An International Silver Co. Product

ANCESTRAL PATTERN

Six in Box

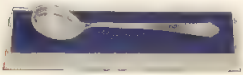
		Per Dozen List	Consumer
8601	Tea Spoons	*$9.18*	$7.50
8602	Dessert or Oval Soup Spoons	*18.36*	15.00
8603	Table or Serving Spoons	*18.36*	15.00
8604	Soup Spoons, Round Bowl	*18.36*	15.00
86006	Cream Soup or Cereal Spoons, Gift Box	*18.36*	15.00
86005	Bouillon Spoons, Gift Box	*17.74*	14.50
8605	Dinner Forks	*18.36*	15.00
8606	Dessert or Luncheon Forks	*18.36*	15.00

Solid Handle Knives

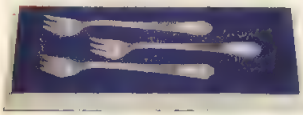
With Stainless Blades

86472s	Dinner Knives	*$18.28*	$14.00
	The above knives have French shape blades		
86475s	Fruit Knives	*16.32*	12.50

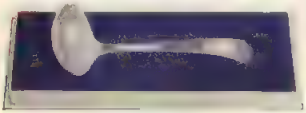
86008 Coffee Spoons
List, set of six, $4.59; Consumer, set of six, $3.75



86013 Olive Spoon
List, each, $2.15; Consumer, each, $1.75



86106 Oyster or Cocktail Forks
List, set of six, $6.45; Consumer, set of six, $5.25



86227 Gravy Ladle
List, each, $3.38; Consumer, each, $2.75

86226 Mayonnaise or Sauce Ladle
List, each, $2.76; Consumer, each, $2.25

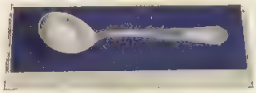
86254m Pie or Ice Cream Server, Mirror Finish Stainless Blade
List, each, $5.52; Consumer, each, $4.50

Ancestral—*a striking pattern that befits this finest silverplate—1847 Rogers Bros.—used by generations of hostesses*

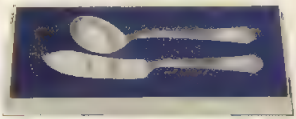
Hollow Handle Knives

With Stainless Blades

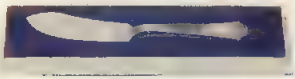
		Per Dozen List	Consumer
86402m	Dinner Knives, Mirror Finish	*$36.50*	$28.00
86402s	Dinner Knives	*31.30*	24.00
86404m	Dessert or Luncheon Knives, Mirror Finish	*36.50*	28.00
86404s	Dessert or Luncheon Knives	*31.30*	24.00
	The above knives have French shape blades		
86406s	Fruit Knives	*28.70*	22.00
86208s	Tea or Salad Knives	*28.70*	22.00



86017 Sugar Spoon
List, each, $1.53; Consumer, each, $1.25

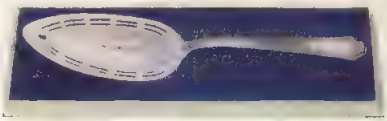


86301 Butter Knife and Sugar Spoon
List, set, $3.06; Consumer set, $2.50



86101 Butter Knife
List, each, $1.53; Consumer, each, $1.25

86014 Orange or Grape Fruit Spoons
List, set of six, $7.05; Consumer, set of six, $5.75



86253 Dessert Server
List, each, $5.22; Consumer, each, $4.25

.1847 ROGERS BROS.

SILVERPLATE

6-29-6

An INTERNATIONAL SILVER Co. Product

ANCESTRAL PATTERN

Six in Box

		Per Dozen List	Consumer
8601	Tea Spoons	$9.18	$7.50
8602	Dessert or Oval Soup Spoons	18.36	15.00
8603	Table or Serving Spoons	18.36	15.00
8604	Soup Spoons, Round Bowl	18.36	15.00
86006	Cream Soup or Cereal Spoons, Gift Box	18.36	15.00
86005	Bouillon Spoons, Gift Box	17.74	14.50
8605	Dinner Forks	18.36	15.00
8606	Dessert or Luncheon Forks	18.36	15.00

Solid Handle Knives

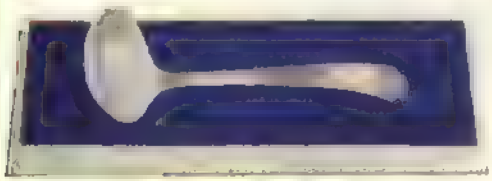
With Stainless Blades

86472s	Dinner Knives	$18.28	$14.00
	The above knives have French shape blades		
86475s	Fruit Knives	16.32	12.50

86008 Coffee Spoons
List, set of six, $4.59; Consumer, set of six, $3.75

86013 Olive Spoon
List, each, $2.15; Consumer, each, $1.75

86106 Oyster or Cocktail Forks
List, set of six, $6.45; Consumer, set of six, $5.25



86227 Gravy Ladle
List, each, $3.38; Consumer, each, $2.75

86226 Mayonnaise or Sauce Ladle
List, each, $2.76; Consumer, each, $2.25

86254M Pie or Ice Cream Server, Mirror Finish Stainless Blade
List, each, $5.52; Consumer, each, $4.50

ANCESTRAL—*a striking pattern that befits this finest silverplate—1847 Rogers Bros.—used by generations of hostesses*

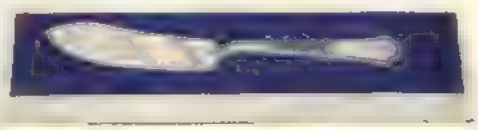
Hollow Handle Knives

With Stainless Blades

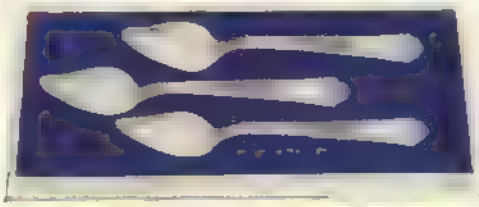
		Per Dozen List	Consumer
86402M	Dinner Knives, Mirror Finish	$36.50	$28.00
86402s	Dinner Knives	31.30	24.00
86404M	Dessert or Luncheon Knives, Mirror Finish	36.50	28.00
86404s	Dessert or Luncheon Knives	31.30	24.00
	The above knives have French shape blades		
86406s	Fruit Knives	28.70	22.00
86208s	Tea or Salad Knives	28.70	22.00

86017 Sugar Spoon
List, each, $1.53; Consumer, each, $1.25

86301 Butter Knife and Sugar Spoon
List, set, $3.06; Consumer, set, $2.50



86201 Butter Knife
List, each, $1.53; Consumer, each, $1.25



86014 Orange or Grapefruit Spoons
List, set of six, $7.05; Consumer, set of six, $5.75

86253 Dessert Server
List, each, $5.22, Consumer, each, $4.25

.1847 ROGERS BROS.

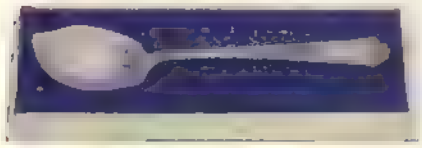
SILVERPLATE

6-29-6

ANCESTRAL PATTERN

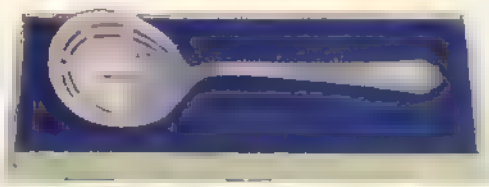
86105 Ice Cream Forks
List, set of six, $7.68; Consumer, set of six **$6.25**

86108 Pickle Fork
List, each, $1.84; Consumer, each, **$1.50**

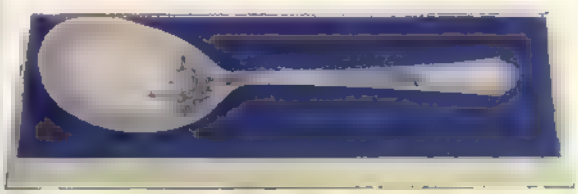


86204 Jelly Server
List, each, $2.15; Consumer, each, **$1.75**

Child's Sets
86352 Spoon, Fork and Flat Handle Knife
List, set, $3.68; Consumer, set, **$3.00**
86353 Spoon, Fork and Hollow Handle Knife
List, set, $4.38; Consumer, set, **$3.50**
86356 Spoon, Fork and Solid Handle Knife
List, set, $3.07; Consumer, set, **$2.50**



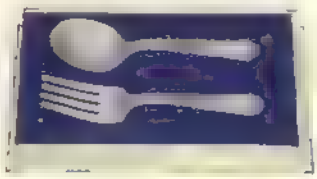
86252 Cream Soup or Tomato Spoon
List, each, $3.99; Consumer, each, **$3.25**



86003 Berry or Salad Spoon
List, each, $4.30, Consumer, each, **$3.50**
86004 Berry Spoon, Small, or Preserve
List, each, $3.38, Consumer, each **$2.75**

86202 Butter Spreaders
List, set of six, $7.68; Consumer, set of six **$6.25**

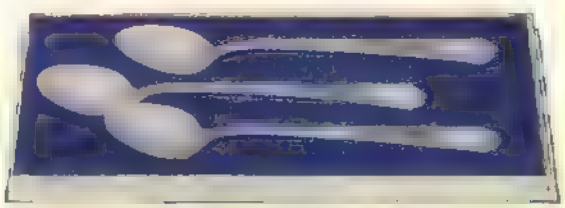
86001 Baby Spoon, Bent Handle
List, each, $1.23; Consumer, each, **$1.00**
86002 Baby Spoon, Short Handle
List, each, $1.23; Consumer, each, **$1.00**



Baby Sets
86304 Baby Spoon and Fork, Short Handles
List, set, $2.46; Consumer, set, **$2.00**
86303 Baby Spoon and Food Pusher
List, set, $2.46; Consumer, set, **$2.00**

86111 Salad Forks, Individual
List, set of six, $9.18, Consumer, set of six, **$7.50**

86103 Cold Meat Fork
List, each, $3.07; Consumer, each, **$2.50**
86104 Cold Meat Fork, Small
List, each, $2.46; Consumer, each, **$2.00**



86012 Iced Tea Spoons
List, set of six, $7.36; Consumer, set of six, **$6.00**

.1847 ROGERS BROS.

SILVERPLATE

6-29-7

An International Silver Co. Product

LEGACY PATTERN

Six in Box

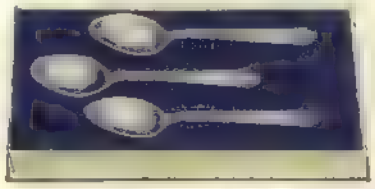
		Per Dozen List	Consumer
8801	Tea Spoons	$9.18	$7.50
8802	Dessert or Oval Soup Spoons	18.36	15.00
8803	Table or Serving Spoons	18.36	15.00
8804	Soup Spoons, Round Bowl	18.36	15.00
88006	Cream Soup or Cereal Spoons, Gift Box	18.36	15.00
88005	Bouillon Spoons, Gift Box	17.74	14.50
8805	Dinner Forks	18.36	15.00
8806	Dessert or Luncheon Forks	18.36	15.00

Solid Handle Knives

With Stainless Blades

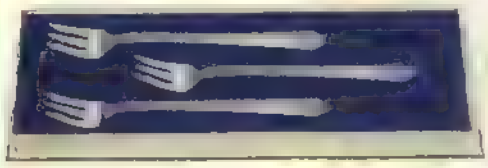
88472s	Dinner Knives	$18.28	$14.00
88474s	Dessert or Luncheon Knives	18.28	14.00
88475s	Fruit Knives	16.32	12.50

The above knives have French shape blades



88008 Coffee Spoons
List, set of six, $4.59; Consumer, set of six, $3.75

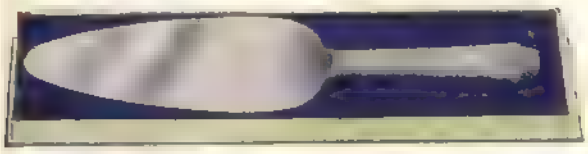
88013 Olive Spoon
List, each, $2.15; Consumer, each, $1.75



88106 Oyster or Cocktail Forks
List, set of six, $6.45; Consumer, set of six, $5.25

88227 Gravy Ladle
List, each, $3.38; Consumer, each, $2.75

88226 Mayonnaise or Sauce Ladle
List, each, $2.76; Consumer, each, $2.25



88254M Pie or Ice Cream Server, Mirror Finish Stainless Blade
List, each, $5.52; Consumer, each, $4.50

Legacy pattern — *modeled for today and tomorrow, but bequeathed with the artistry of four generations*

Hollow Handle Knives

With Stainless Blades

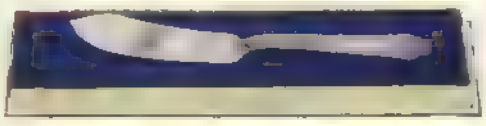
		Per Dozen List	Consumer
88402M	Dinner Knives, Mirror Finish	$36.50	$28.00
88402s	Dinner Knives	31.30	24.00
88404M	Dessert or Luncheon Knives, Mirror Finish	36.50	28.00
88404s	Dessert or Luncheon Knives	31.30	24.00

The above knives have French shape blades

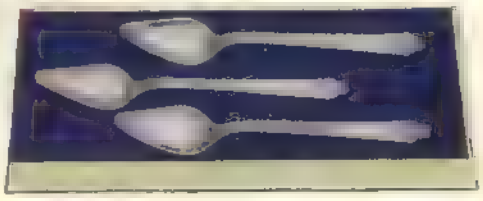
88406s	Fruit Knives	28.70	22.00
88208s	Tea or Salad Knives	28.70	22.00

88017 Sugar Spoon
List, each, $1.53; Consumer, each, $1.25

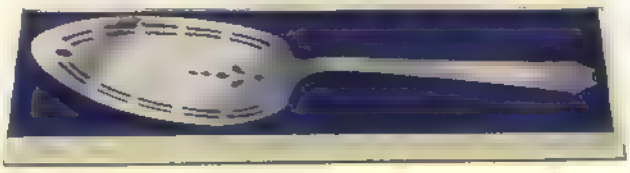
88301 Butter Knife and Sugar Spoon
List, set $3.06; Consumer, set, $2.50



88201 Butter Knife
List, each, $1.53; Consumer, each, $1.25



88014 Orange or Grape Fruit Spoons
List, set of six, $7.05; Consumer, set of six, $5.75



88253 Dessert Server
List, each, $5.22; Consumer, each, $4.25

.1847 ROGERS BROS.

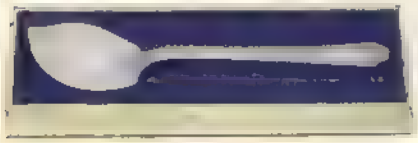
SILVERPLATE

6-29 2

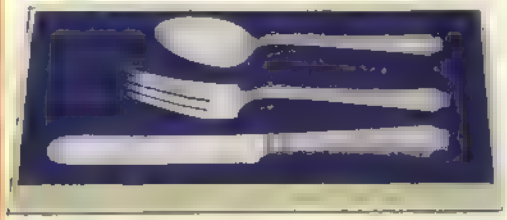
LEGACY PATTERN

88105 Ice Cream Forks
List, set of six, $7.68; Consumer, set of six, **$6.25**

88108 Pickle Fork
List, each, $1.84; Consumer, each, **$1.50**

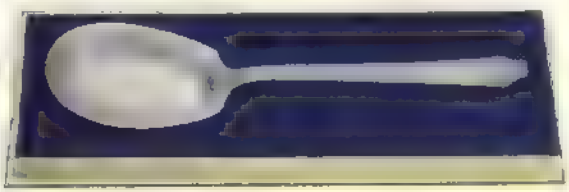


88204 Jelly Server
List, each, $2.15; Consumer, each, **$1.75**

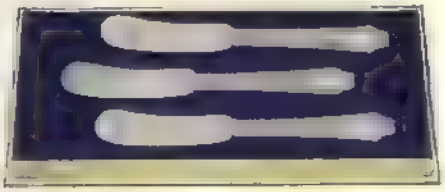


Child's Sets
88353 Spoon, Fork and Hollow Handle Knife
List, set, $4.38; Consumer, set $3.50
88356 Spoon, Fork and Solid Handle Knife
List, set $3.07; Consumer, set $2.50

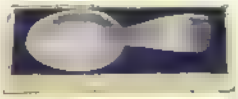
88252 Cold Meat or Tomato Server
List, each, $3.99, Consumer, each $3.25



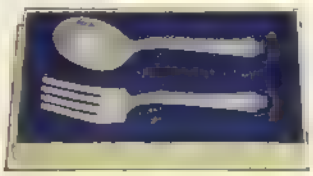
88003 Berry or Salad Spoon
List, each, $4.30; Consumer, each, **$3.50**
88004 Berry Spoon, Small, or Preserve
List, each, $3.38; Consumer, each $2.75



88202 Butter Spreaders
List, set of six, $7.68; Consumer, set of six, **$6.25**

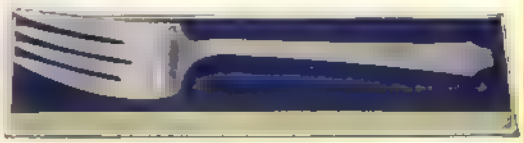


88001 Baby Spoon, Bent Handle
List, each, $1.23; Consumer, each, **$1.00**
88002 Baby Spoon, Short Handle
List, each, $1.23; Consumer, each, **$1.00**

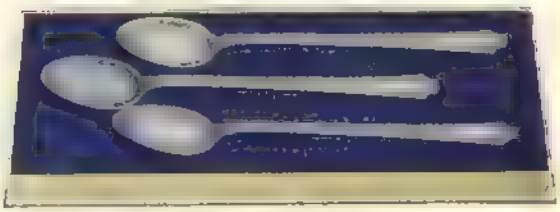


Baby Sets
88304 Baby Spoon and Fork, Short Handles
List, set $2.46, Consumer, set, **$2.00**
88303 Baby Spoon and Food Pusher
List, set, $2.46, Consumer, set **$2.00**

88111 Salad Forks, Individual
List, set of six, $9.18; Consumer, set of six, **$7.50**



88103 Cold Meat Fork
List, each, $3.07, Consumer, each, **$2.50**
88104 Cold Meat Fork, Small
List, each, $2.46; Consumer, each, **$2.00**



88012 Iced Tea Spoons
List, set of six, $7.36, Consumer, set of six, **$6.00**

.1847 ROGERS BROS.

SILVERPLATE

6-29-3

Tea or Coffee Set, 3 Pieces

Coffee Pot, Sugar Bowl and Cream Pitcher

Light Butler Finish, Macassar Ebony Trim

		List	Consumer
008803	Set of Three Pieces. . .	*$31.36*	$65.00
008806	Coffee Pot, 32 ounces	*31.30*	25.00
008808	Sugar Bowl.	*$25.04*	$20.00
008809	Cream Pitcher, Gold Lined	*25.04*	20.00

008811 Waiter, 16 inch, oblong (not illustrated). . . . . *List, $31.30;* Consumer, $25.00

LEGACY PATTERN

Called the Legacy because the cheste and lovely beauty is an inheritance from more than eighty years of 1847 Rogers Bros. leadership in silverware design

The Timeliness of the Pattern Recognized Everywhere — Keyed to the Day's Modes and the Merchant's Sales Needs

THE instantaneous success that greeted LEGACY established a new record in silverware history. . . . The reason is delightfully self-evident in the pattern itself, embodying, as it does, the crisp, straightaway lines of modern art.

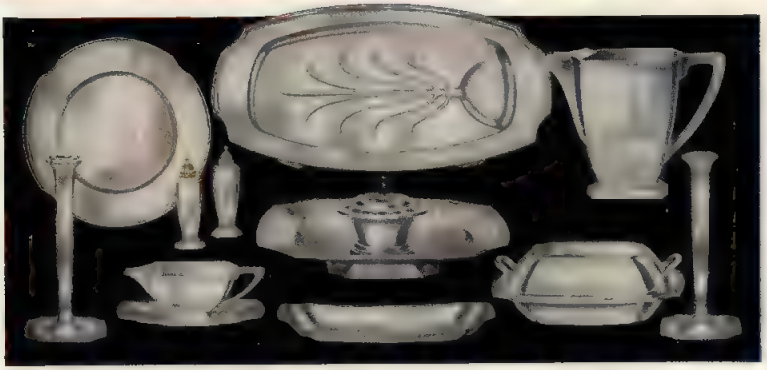
The product of the best in modern craftsmanship, it expresses four generations of 1847 ROGERS BROS. Silverplate artistry. Lucky the bride who is starting her silver service with this smart and lovely design.

A Modern Pattern with a Distinguished Inheritance

1847 ROGERS BROS.

SILVERPLATE

6-29-32



008803 Tea or Coffee Set
Three Pieces
Coffee Pot, Sugar Bowl and Cream Pitcher
List, set, $81.36; Consumer, set, **$65.00**

008811 Waiter, 10 inch, oblong
(not illustrated)
List, each, $31.30; Consumer, each, **$25.00**

008846 Service Plate, 10¾ in
List, each, $12.52; Consumer, each, **$10.00**

008847 Bread and Butter Plate
Diameter, 6½ inches
List, each, $6.26; Consumer, each, **$5.00**

008844 Salt and Pepper Set
Height, 4¼ inches
List, set, $12.52; Consumer, set, **$10.00**

008841 Gravy Boat and Plate
Capacity, 16 ounces
List, set, $25.04; Consumer, set, **$20.00**

Meat Dishes, Plain

		List	Consumer
008831	16 inch	*$25.04*	**$20.00**
008832	18 inch	*31.30*	**25.00**
008833	20 inch	*37.54*	**30.00**

Meat Dishes, Well and Tree

008835	16 inch	*$34.42*	**$27.50**
008836	18 inch	*40.68*	**32.50**
008837	20 inch	*46.94*	**37.50**

LEGACY PATTERN

Light Butler Finish
Macassar Ebony Trim

Matching the Spoons, Forks and Knives in the Legacy Pattern

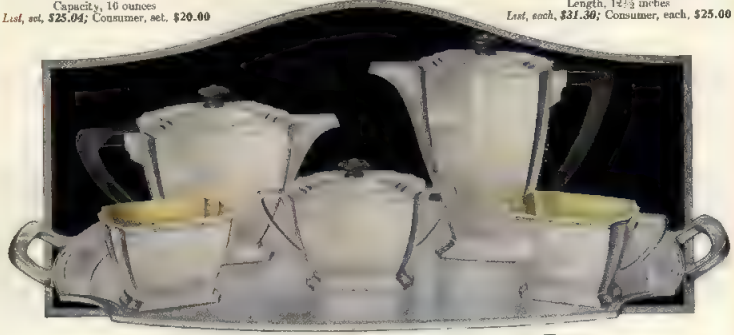
008843 Water Pitcher
Capacity, 4 pints
List, each, $37.54; Consumer, each, **$30.00**

008824 Bread Tray
Length, 12¼ inches
List, each, $15.64; Consumer, each, **$12.50**

008850 Centerpiece
Width, 14 inches
Flower Holder
with Silver Plated Double Mesh
List, each, $50.06; Consumer, each, **$40.00**

008853 Candlesticks
Height, 10 inches
List, pair, $31.30; Consumer, pair, **$25.00**

008839 Double Vegetable Dish
Side Handles
Length, 14¾ inches
List, each, $31.30; Consumer, each, **$25.00**



Tea Pot, Coffee Pot, Sugar Bowl, Cream Pitcher, Waste Bowl and Waiter

		List	Consumer
008805	Set of Five Pieces	*$125.16*	**$100.00**
008806	Set of Four Pieces	*112.64*	**90.00**
008804	Set of Three Pieces	*81.36*	**65.00**
008813	Coffee Pot (or Chocolate), 32 ounces	*31.30*	**25.00**
008807	Tea Pot, 32 ounces	*31.30*	**25.00**

		List	Consumer
008808	Sugar Bowl	*$25.04*	**$20.00**
008809	Cream Pitcher, Gold Lined	*25.04*	**20.00**
008810	Waste Bowl, Gold Lined	*12.52*	**10.00**
008812	Waiter, 22 inch, oblong	*50.06*	**40.00**
008811	Waiter, 16 inch, oblong (not illus.).	*31.30*	**25.00**

.1847 ROGERS BROS.

SILVERPLATE

6.29-21

SELLING TOYS ON THE World's Busiest Street

STATE STREET CHICAGO

The Fair

DOLL specials from the Chicago Toy Fair were placed on the main floor and sold well on account of their price and novelty.

A large wooden play house, big enough for little folks to live in, was on the floor. Playground equipment was allotted plenty of space. Wheel goods always have a lot of room in this department, too.

Promotional stunts are over for awhile, the last being the National Baby Week program, which went off very well.

Carson, Pirie Scott & Co.

There is "something doing" every Saturday to bring the children flocking to Carson's fourth floor toy department. For May 24, invitations were sent to all the Camp Fire Girls, and Boy and Girl Scouts in Chicago through their troop guardians. Chief Whirling Thunder and Evergreen Tree were the hosts from 1 to 5 p. m. and they showed a delighted audience how to make beaded articles and do yarn sash weaving.

Assisted by two Indian maids, they gave dances, bird and animal calls, and instructions in knife craft. Among children, at least, the romance of the Indian will never die.

The "party aid" idea has found favor among the customers. One boy had a birthday on the anniversary of Lindy's landing at Le Bourget. You may be sure he had the most appropriate of decorations for the occasion.

Boats that make the fingers itch for a patch of water are given generous space; one boy came in to buy the boat he will sail in the Jackson Park children's "regatta," an annual event.

Marshall Field's

May was a good month for toys at Field's—opening with a vacation week for Spring moving and ending with a three-day holiday.

An entertaining program was carried out during Vacation Week. The children started from the "Air Castle," which is the broadcasting headquarters of the toy department. There they were given a ticket and directed to stop at the first policeman. There was a policeman at each corner and "street lamp" globes were labeled "Little People's Street," etc. The children were directed from corner to corner until they had seen everything and ended at the Air Castle.

Many visitors came, sales were stimulated, and the event was a success—as the way Mr. Gibson summed it up.

An old game—having a new revival and threatening to supplant bridge—is backgammon. Dice and doubling dice plus the board and checkers make up a game as exciting as the players care to have it. "Rap-o" is a new game played indoors or out between two people.

Picturing the Chicago Toy Fair Association's office in the Morrison Hotel. Miss Rose Topor, assistant secretary of the association, is at the typewriter. The other young lady is Miss Helen Anderson, who helped during the Toy Fair

with wood or canvas rackets and balls.

May 30 may be called the first real holiday of Spring and this year it meant three days for play—stimulating toy and juvenile sporting goods sales to a pleasant degree.

Playground equipment sales are very satisfying, says Mr. Gibson. People are beginning to realize the possibilities for better health afforded by these articles. Wading pools, even though Chicago is a lake city, are a convenience to thousands of homes which are not near the lake. Then, too, mothers need not be constantly on guard as they must be at the beach. Heat and discomfort can be avoided by having play equipment at home.

The Boston Store

Two toy fairs and a trip to Europe have resulted in a well stocked and beautifully arranged department, which fairly bristles with the latest and finest of toy productions. New glass doll cases, which are built to the floor level, are being put in and are a marked improvement

An aisle of playground equipment, in space heretofore given to other departments, has been secured. Even the expensive pieces among them are selling well, reports Miss Hanley. Last year playground equipment made its first appearance in the store and the results have been very satisfactory.

Are You STILL a "Doubting Thomas" About CHILDREN'S DAY?

Then read what happened last year. Retailers used $100.000 worth of newspaper advertising space. Hundreds of toymen put in special toy windows. Thousands sold more toys than ever before during the ten days preceding the third Saturday in June. There's still time to enter the toy window contest and to secure free cuts for newspaper advertising. Address F. D. Dodge, Children's Day Promotion Committee, 200 Fifth Avenue, New York City.

Playgrounds and radio stations throughout the country joined in the National Children's Day festivities. It is estimated that between 200 and 300 cities staged special exercises in their playgrounds Although most of these activities consisted of games, contests, dances, etc., some of the play centers had elaborate programs. In Memphis, Tenn., 350 children took part in a pantomime, "Jack and the Beanstalk." A number of cities had parades preliminary to the playground programs. Seattle, Wash., had a big drive for "back yard" playgrounds.

In Tacoma, Wash., as in the case of many other playgrounds, folk dances, baby parades, pet shows, games, etc., were held. In the New Orleans, La., playgrounds a big program was carried out. At Oak Park, Ill., a town of 60,000 population, a public inspection trip of the play centers was made. West Allis, Wis., opened its playground season with National Children's Day, as did many other cities. In a few years Children's Day will undoubtedly be the playground opening date of many cities. Local merchants can usually be interested in backing playground projects.

About 100 radio stations, as far as we can judge, put on special Children's Day programs. Mrs. Will Durant, wife of the philosopher, and Dr. Shirley W Wynne, health commissioner of New York, spoke over WPAP. Supervisor of Recreation James V. Mulholland (New York) talked over WNYC. A special children's program was put on by WEAF. Local merchants arranged a program at KSTP, St. Paul, Minn., as well as many other cities. At Fargo, N. D., children from 4 to 10 years old gave a recital program over WDAY Mrs. Olive Hurst, juvenile entertainer, gave a program over WFJC, Akron, Ohio. In Chicago, Ill., stations WENR and WBCN sent out programs consisting of juvenile talent. KTM of Los Angeles, Calif., and KDYL of Salt Lake City were among the Western stations to feature the day. WIL of St. Louis, Mo., and a number of stations in New Orleans and other cities of the South staged special events. A person in any part of the United States owning a receiver set could tune in on June 15 on a special Children's Day program.

Observances to Be Repeated

Close to 30,000,000 persons, or half the urban population of the United States, were asked to observe National Children's Day in appropriate manner by the chief executives of the municipalities in which they reside Our records, incomplete as they necessarily are, show that the mayors of 133 cities in 42 states issued proclamations calling for city-wide observance of National Children's Day. Because of the fact that clipping agencies do not obtain much more than half of total items published, we can safely estimate that many more mayors issued proclamations than our records show. Governor Harry Flood Byrd of Virginia called upon the people of that state to give a thought to childhood on National Children's Day. The mayors of the following cities issued proclamations, as shown by our records:

Alabama
Montgomery
Birmingham
Arizona
Phoenix
Tucson
Colorado
Pueblo
Connecticut
Hartford
Stamford
Waterbury
Ansonia
Delaware
Wilmington
Florida
St. Petersburg
Georgia
Atlanta
Brunswick
Columbus
California
Los Angeles
Sacramento
San Jose
Hollywood
San Francisco
Santa Barbara
Eureka
Pomona
Riverside
Pasadena
Long Beach
Glendale
Illinois
Danville
Rock Island
Oak Park
Kankakee
East St Louis
Peoria
Waukegan
Indiana
Kokomo
Idaho
Pocatello
Iowa
New Jersey (cont.)
Elizabeth
Passaic
New York
New York City
Albany
Buffalo
Syracuse
Utica
Elmira
Watertown
Poughkeepsie
Plattsburgh
Beacon
Jamestown
Geneva
Lockport
Port Chester
Ossining
Niagara Falls
Newburgh
Tonawanda
North Tonawanda
Mt. Vernon
North Dakota
Fargo
North Carolina
Durham
Ohio
Norwood
Lorain
Dayton
Ironton
Sandusky
Zanesville
Lima
Delaware
Toledo
Bellaire
Lakewood
Oklahoma
Tulsa
Oregon
Salem
Rhode Island
Providence
Pennsylvania

Eastman Cameras—Kodak Films

BOX CARTRIDGE HAWK-EYE SPECIAL CAMERAS

This new Box Camera offered in two sizes, is popular because of its moderate price and simple manipulation. No focusing is necessary—just point the lens at the subject and press the lever. Both sizes have automatic shutters for either time or snapshot exposures. The tested lenses are carefully adjusted to each instrument and are set at universal focus, no judging of distance is necessary. Covered with fine grain imitation leather handsomely embossed. Metal parts are finished in nickel and black lacquer. Brilliant finders for either vertical or horizontal pictures. Illustrated instruction book is packed with each camera. Choice of two sizes.

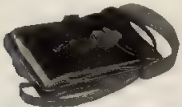
2G40178 No. 2, takes pictures 2¼x3¼. Uses Kodak Film No. 120. PRICE.....**$3.60**

2G40179 No. 2A, takes pictures 2½x4¼. Uses Kodak Film No. 116. PRICE.....**$5.20**

POCKET HAWK-EYE CAMERA

The scientific principles which have made Kodak products famous are embodied in this Vest Pocket Hawk-Eye Camera. It is a thoroughly capable and proficient camera, even though it is only a handful. It is equipped with an Eastman Lens and automatic shutter for either time exposures or snapshots. Has a reversible finder for either horizontal or vertical views. Fixed focus—just draw out the bellows and the camera is ready. Has tripod socket and loads in daylight with Kodak Film—two convenient features. The body is covered with imitation black leather, metal parts finished in black lacquer and nickel. An illustrated instruction book is packed with each camera. Takes pictures 1⅝x2½ inches. Uses Kodak Film No. 127.

2G40174 PRICE.....**$8.40**



LEATHERETTE CARRYING CASES

For the protection and added care of your camera, a carrying case is strongly recommended. The exceptional values are made possible only by the tremendous quantity production.

2G40189 To fit No. 2 Folding Hawk-Eye Camera. PRICE.....**$2.85**

2G40190 To fit No. 2A Folding Hawk-Eye Camera. PRICE.....**$3.00**

2G40191 To fit No. 3A Folding Hawk-Eye Camera. PRICE.....**$3.40**

KODAK FILM

The Dependable Kind in the Yellow Box

The speed, latitude and uniformity of Kodak Film make it the amateur's choice. Pioneers in the manufacture of cameras and film, the Eastman Kodak Company has maintained a standard that is without equal. We offer below the four sizes of Kodak film.

No. 127 is used in the Vest Pocket Hawk-Eye Camera that takes a picture 1⅝x2½.

No. 120 is used in No. 2 cameras and takes a picture 2¼x3¼.

No. 116 is used in No. 2A cameras and takes a picture 2½x4¼ inches.

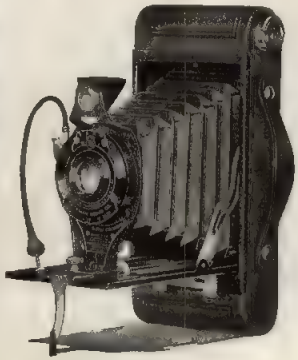
No. 122 is used in No. 3A cameras and takes a Post Card size picture 3¼x5½.

2G40185 No. 127 (8 Exposures). Per roll **$0.43**

2G40186 No. 120 (8 Exposures). Per roll.. **.43**

2G40187 No. 116 (6 Exposures) Per roll.. **.51**

2G40188 No. 122 (8 Exposures). Per roll.. **.94**



FOLDING CARTRIDGE HAWK-EYE CAMERAS

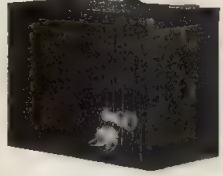
Three Sizes

The three Folding Cartridge Hawk-Eye Model B Cameras offer the utmost in value and efficiency at an extremely low cost. These cameras are identical in construction, workmanship and finish, excepting in size. They are compact, durable and simple to operate, and their picture-taking qualities will satisfy the most exacting. Adjustable focus, with handy automatic focusing lock. The accurate and automatic Kodex shutter has speed graduations of 1/25 and 1/50 of a second, as well as bulb and time. Reversible brilliant finder for either horizontal or vertical views; two tripod sockets for either position. The steel body is covered with fine imitation leather. Fittings in black enamel and nickel. Illustrated instruction book is packed with each camera.

2G40175 No. 2, takes pictures 2¼x3¼. Uses Kodak Film No. 120.....**$15.20**

2G40176 No. 2A, takes pictures 2½x4¼. Uses Kodak Film No. 116.....**$16.80**

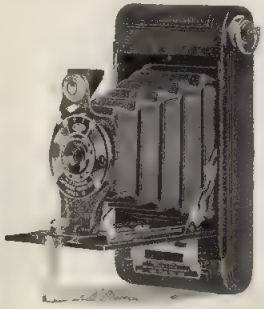
2G40177 No. 2A, takes pictures 3¼x5½. Uses Kodak Film No. 122.....**$25.60**



NO. 2 BOX CARTRIDGE HAWK-EYE MODEL C

This camera comes to you direct from the workshops of the Eastman Kodak Company—a generous guarantee of quality. The tremendous quantity production has made the low cost price possible on this model. A tested lens is carefully adjusted to each instrument and set at universal focus, no judging of distance is necessary. Can be loaded in daylight with Kodak film. Takes pictures 2¼x3¼. Uses Film No. 120.

2G40180 PRICE.....**$2.20**



NO. 2 FOLDING CARTRIDGE HAWK-EYE MODEL C

This model embodies features found only in the higher priced models—an all metal body, covered with durable imitation leather; sturdy rigid front standard; accurately tested lens with automatic shutter suitable for either time or instantaneous exposures; lens correctly mounted to insure perfectly satisfactory pictures even in the hands of the beginner. Two tripod sockets and the reversible finder permit the making of pictures either horizontally or vertically. An illustrated book of instructions accompanies each camera. Uses Kodak Film No. 120. Takes pictures 2¼x3¼.

2G40181 PRICE.....**$10.70**

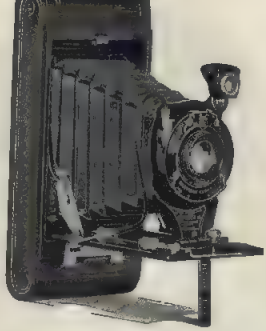
KODAKERY MAGAZINE FREE FOR 1 YEAR

This intensely interesting publication for the amateur photographer sells regularly at sixty cents per year. Profusely illustrated—most helpful to those interested in better picture-making. Packed with every camera is an invitation to subscribe for one year free of all charges.

NEW!! *Just Out! Eastman's Anastigmat f. 6.3 Lens Creates a New Standard of Camera Value*

These new, unparalleled, high-speed, fine quality, Folding Hawk-Eye Cameras, embrace unusual values at remarkably low prices. The Kodak Anastigmat f. 6.3 lens forms the most important part of this offering. This lens has definitely greater speed and covering power than any offered heretofore.

The Kodak Anastigmat stands at the peak of photographic lens design. Because of its high quality, however, it was formerly available only on equipments beyond the reach of the average amateur.



It remained for the Eastman Kodak Company—one of whose plants is devoted almost exclusively to lens manufacture—to reduce costs to such an extent, that makes it possible to offer the Kodak Anastigmat lens, on these fine quality yet popular priced cameras.

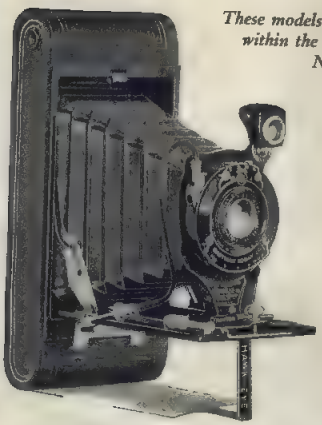
Every model represented on this page is geared with a reliable shutter equipment of unusual quality combining to produce the most satisfactory results. They are "Eastman Made"—more cannot be said.

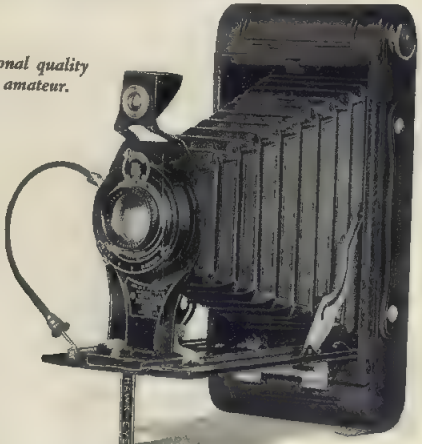
No. 2 FOLDING HAWK-EYE SPECIAL

This model is sufficiently compact to be carried in the pocket and yet is absolutely reliable for making clear, sharp pictures. Fitted with Kodak Anastigmat f. 6.3 lens, and Kodex Shutter with automatic speed graduations of 1/25th and 1/50th of a second, as well as time and bulb actions. Steel body covered with fine imitation leather. All exposed metal parts are finished in nickel and black lacquer. Worm screw focusing device to aid in obtaining microscopic definition. Illustrated instruction book is packed with each camera. Takes pictures 2¼x3¼. Uses Film No. 120.

2G40182 PRICE **$23.80**

These models bring professional quality within the reach of every amateur. New low prices!





No. 2A FOLDING HAWK-EYE SPECIAL

The popularity of the No. 2A size picture has long been established. The splendid equipment furnished with this model at such a remarkably low price presents the greatest camera value on record. Complete with Kodak Anastigmat f. 6.3 lens and Kodex Shutter which has automatic speed graduations of 1/25th and 1/50 of a second, as well as time and bulb exposures. Fine grain imitation leather covers the steel body and all exposed metal parts are finished in lacquer and nickel. The worm screw focusing device will assure you of obtaining microscopic definition. Illustrated instruction book is packed with each camera. Takes pictures 2½x4¼. Uses Film No. 116.

2G40184 PRICE **$25.20**

No. 3A FOLDING HAWK-EYE SPECIAL

This compact equipment embodies the conveniences found only in high grade cameras. This model is equipped with Kodak Anastigmat f. 6.3 lens and Kodak Ball Bearing Shutter with speed graduations of 1/25th, 1/50th and 1/100th part of a second as well as the usual time and bulb exposures. The all-metal body is covered with durable imitation leather. All exposed metal parts are finished in nickel and black lacquer. Complete with two tripod sockets and reversible brilliant finder to permit exposure either vertically or horizontally. The worm screw focusing device will be found a decided convenience in obtaining microscopic definition. The wide bed track forms unusual front standard rigidity. Illustrated instruction book is packed with each camera. Uses Kodak Film No. 122. Takes pictures 3¼x5½.

2G40183 PRICE **$32.90**

In regard to

"They copied all they could follow,
But they couldn't copy my mind,
So I left them sweating and stealing,
A mile and a half behind."—Kipling

A NEW BABY DIMPLES

COMPETITION is good—good for the soul—when it is fair. But *copying*, dolls or any other creative work, is not competition. Kipling has another name for it, and those who practice it.

But they cannot copy a mind, so this wonderful, *new* "Baby Dimples" is going to leave them more than a mile and half behind. It will leave them years behind.

Its appealing, baby loveliness will cuddle its way into the minds of our trade. They will identify it as an

Look for the HORSMAN LINE at the CHICAGO TOY FAIR, April 28th - May 10th

HORSMAN'S 1930 BABY DIMPLES

unmistakable Horsman work of art —worthy of its own name—worthy of the dealer presenting it to customers whose confidence he must keep.

The fact that it is a sale-on-sight doll—that it will be yearned for by every little girl who sees it—and wanted for that little girl by every parent—will automatically bring quick sales for all our dealers who display it.

The above is a reprint with necessary name changes of a 1923 advertisement featuring the original "Baby Horsman."

E. I. HORSMAN CO., INC.
200 FIFTH AVENUE · NEW YORK

Look for the HORSMAN LINE at the CHICAGO TOY FAIR, April 28th - May 10th

Explosives and Blasting Supplies

Dynamite

Dynamite is a High Explosive, commonly used in mining and quarrying operations, excavating and earth moving, breaking log and ice jams and for the improvement of agricultural lands.

It is made in various grades and percentages and is packed in cartridges 8 inches long with various diameters, the standard diameter being 1¼ inch. It is packed in 25 and 50 lb. cases.

Low Freezing Extra—This is an ammonia Dynamite and is not frozen as readily as other grades and can be used for most all kinds of work with the exception of work in water and underground work where the air is poor. Manufactured in strengths of 15% to 60%.

Nitroglycerin—This is very similar in looks to the **Low Freezing Extra** but has more of a shattering force and can be used in quarry work as well as for ditch blasting on the farm. Manufactured in strengths of 40, 50 and 60%.

Gelatin—This is a plastic Explosive and can be used where the work is very wet and under-ground as it does not give off the amount of injurious fumes as the other grades. **Gelatin** is manufactured in percentages of 35% to 100% but only from 40% to 75% is carried in stock. **Prices on application.**

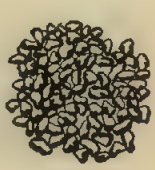
IMPORTANT

Dynamite, Caps or Powder cannot be shipped with hardware or other goods, neither can they be shipped by express. When entered on order with other goods, we will ship direct from nearest magazine. Shipments of 200 lbs. Dynamite, or more, will be delivered to any point on the line of transportation companies accepting High Explosives. Shipments of less than 200 lbs. f. o. b. nearest distributing point.

Hercules Blasting Powder

F

FF


FFF

Blasting Powder is packed in metal kegs of 25 lbs. each and is used in blasting soft materials such as dirt and soft coal as well as in some quarry work. It comes in various granulations and the most commonly used are those shown. The F granulation being slowest and the FFF fastest. **Prices on application.**

Hercules Blasting Caps

These are a small copper capsules about ¼ inch in diameter containing a charge of fulminate of mercury which is exploded by the spit of the fuse. These are manufactured in No. 6 and No. 8, and the No. 6 may be used for all practical purposes.

Prices on application.

Safety Fuse

Used for firing Blasting Powder directly by its spark or exploding Dynamite when attached to Blasting caps. Prices per 1,000 feet:

Beaver Brand used for Agricultural Purposes	$6.85
Clover Brand for use in very wet work	7.20
Single Tape for use in damp work	7.20
Double Tape for use in wet work	8.20
Crescent Brand for metal mining	7.80

Electric Blasting Caps

These consist of copper capsules similar to those of ordinary Blasting Caps, but longer and slightly larger in diameter, having two insulated copper wires inside the cap which are bare and joined together by platinum bridge embedded in guncotton. When current passes thru this bridge it is heated and sets off gun cotton which in turn fires the charge of fulminate.

Made in both No. 6 and No. 8 in lengths of 4 to 30 feet, **Prices on application.**

Hercules Blasting Machines

Hercules Blasting Machines or **Batteries** are used for generating electricity for the detonation of Electric Blasting Caps, and are manufactured in three sizes as mentioned below:

	Capacity List
Hercules Midget for testing purposes generally four Electric Blasting Caps	$15.00
Hercules 10 Cap. Capacity 10 Electric Blasting Caps	18.00
Hercules New Style. Capacity of one to fifty Electric Blasting Caps	35.00

Leading Wire

Leading Wire

Leading Wire made in Single and Duplex coils of No. 14 copper wire in various lengths. Standard coils are 250 ft. in length, used to connect Blasting Machine to Electric Blasting Caps.

Connecting Wire

Connecting Wire

This is No. 20 copper wire put up in one lb. spools and for use in connecting Electric Blasting Caps to each other

Tools for Blasting Purposes

Such as Stone Drills, Earth Augers, Chisels, etc., are listed elsewhere in this catalog. See index.

An INTERNATIONAL SILVER Co. Product

HOLMES & EDWARDS

SOMETHING MORE THAN PLATE — INLAID

CENTURY

	Plain Box	List Doz		Consumer
Tea Spoons	Inlaid	$8 34	doz.	$7 50
Dessert or Ova Soup Spoons	Inlaid	16 68	doz.	15 00
Table or Serving Spoons	Inlaid	16 68	doz.	15 00
Round Bowl Soup Spoons	Inlaid	16 68	doz.	15 00
Breakfast or Luncheon Forks	Inlaid	16 68	doz.	15 00
Dinner Forks	Inlaid	16 68	doz.	15.00
SPOONS IN SUPER CASES				
Baby Bent Handle	doz	13 26	each	1.00
Baby Short Handle	doz	13 26	each	1.00
Berry, Salad or Serving	doz	46 80	each	3.50
Bouillon	doz	16 14	set	7.25
Coffee (Demi Tasse)	doz.	8 34	set	3.75
Cream Soup or Cereal	doz.	16.68	set	7.50
Five o'Clock Tea, Sherbet or Child's, Plain Box	doz	8 34	set	3.75
Iced Drink or Parfait	doz.	13 38	set	6.00
Olive	doz.	23 28	each	1 75
Orange or Grape Fruit	doz.	12 80	set	5 75
Preserve	doz.	36 78	each	2 75
Sugar	doz.	16 52	each	1.25
FORKS IN SUPER CASES				
Baby (Short Handle	doz	13 26	each	1 00
Cold Meat, Salad or Serving ..	doz.	33 28	each	2.50
Cold Meat (Small	doz	26 78	each	2.00
Five o'Clock Tea or Child's Plain Box	doz.	13 26	set	6.00
Ice Cream	doz.	13 88	set	6.25
Oyster or Sea Food	doz.	1 68	set	5.25
Pie or Pastry Individual	doz	18 90	set	8.50
Pickle	doz.	20 02	each	1 50
Salad, Individual	doz.	16.68	set	7 50
KNIVES AND LADLES IN SUPER CASES				
Butter Knife	doz.	16.52	each	1 25
Butter Spreaders	doz	13 92	set	6.25
Gravy Ladle	doz.	36 78	each	2 75
Soup Ladle	doz.	106 54	each	8.00
Whipped Cream Ladle	doz.	30.00	each	2 25
SPECIAL SERVING PIECES IN SUPER CASES				
Cake Server	doz	26 78	each	2.00
Flat Server Pierced	doz	56 80	each	4 25
Jelly Server	doz.	23 52	each	1 75
Sugar Tongs	doz	26 78	each	2 00
Tomato or Egg Server	doz.	43 34	each	3 25
SOLID HANDLE CUTLERY, FRENCH BLADES				
Dinner Knives, Stainless .	doz.	17 64	doz.	14.00
Dinner Knives, Plated	doz.	12 60	doz.	10.00
Breakfast or Luncheon Knives, Stainless .	doz.	17.64	doz.	14.00
Breakfast or Luncheon Knives, Plated	doz.	12 60	doz	[illegible]
Breakfast Forks Solid Handles Super Case	doz.	12 60	doz	10.00
Tea, Salad or Child's Knives, Plated	doz.	12 60	doz	[illegible]
Fruit Knives Stainless Super Case	doz.	15 72	doz.	12.50
HOLLOW HANDLE CUTLERY, FRENCH BLADES				
Dinner Knives, Mirror Stainless	doz	35 40	set	14.00
Dinner Knives, Stainless	doz.	30 24	set	12.00
Breakfast Knives, Mirror Stainless	doz.	35 40	set	14.00
Breakfast Knives, Stainless	doz.	30 24	set	12,00
Tea, Salad or Child's Knives Plated	doz.	27 70	set	11.00
Fruit Knives Stainless Super Case	doz	27 70	set	11.00
Butter Spreaders Super Case.	doz	23 40	set	10 50
Cheese Server Super Case	doz	36 78	each	2 75
Pie Server Super Case	doz	60 30	each	4.50
HOLLOW HANDLE CARVING SETS STAINLESS STEEL BLADES Blade Large 8", Medium 7", Small 6"				
3-Piece Beef (Large) Super Case	set	22 74	set	18 00
3-Piece Game (Medium) Super Case	set	19 60	set	15.60
2-Piece Game (Medium) Super Case	set	15 44	set	12 25
3-Piece Steak (Small) Super Case	set	14 18	set	11.25
2-Piece Steak (Small) Super Case	set	10.12	set	8.00
Poultry and Game Shears, Plain Box. . . .	each	12 52	each	10.00
SOLID HANDLE				
2-Piece Steak (Small) Stainless Blade, 6-inch, Super Case	set	6.26	set	5.00
TWO-PIECE SETS IN SUPER CASES				
Sugar Spoon and Butter Knife . . .	doz.	33.28	set	2.50
Baby Spoon and Fork (Short Handle)	doz.	26.78	set	2.00
H. H. Salad Set, Olivewood Tines and Bowl . . .	doz.	100.34	set	7.50
THREE-PIECE CHILD'S SETS IN SUPER CASES				
With Solid Handle Knife .	doz.	37 78	set	2.50
With Hollow Handle Knife.	doz.	53 30	set	4 00
With Flat Knife	doz.	40 04	set	3.00

Pieces Illustrated are

Dinner Knife — Individual Salad Fork
Tea Spoon — Dinner Fork

Illustrations Full Size

INTERNATIONAL SILVER CO.

H & E-6-29

INTERNATIONAL SILVER CO.

HOLMES & EDWARDS
SUPER-PLATE

CENTURY

	List	Consumer
3-Piece Tea or Coffee Set	$68 80	$55.00
Tea or Coffee Pot — Sugar Bowl — Cream Pitcher		
4-Piece Tea and Coffee Set	100 10	80.00
Tea Pot — Coffee Pot — Sugar Bowl — Cream Pitcher		
5-Piece Tea and Coffee Set	112 60	90.00
Tea Pot — Coffee Pot — Sugar Bowl — Cream Pitcher — Waste Bowl		
Sugar and Cream Set	$37 60	$30.00
Tea Pot	3 30	25.00
Coffee Pot	3 30	25.00
Sugar Bowl	8 80	15.00
Cream Pitcher	8 80	15.00
Waste Bowl	12 50	10.00
Waiter, 24-inch	50 00	40.00
Waiter, 18-inch	27 50	22.00
Bread Tray	12 50	10.00
Sandwich Tray	12 50	10.00
Double Vegetable Dish	28 20	22.50
Gravy Boat and Tray	20 70	16.50
Soup Dish, Covered	37 60	30.00
Water Pitcher	34 40	27.50
Meat Dish, Plain, 16-inch	22 50	18.00
Meat Dish, Plain, 18-inch	27 50	22.00
Meat Dish, Well and Tree, 16-inch	32 50	25.00
Meat Dish, Well and Tree, 18-inch	36 30	29.00

INTERNATIONAL SILVER CO.

An INTERNATIONAL SILVER Co. Product

HOLMES & EDWARDS
SUPER-PLATE

CHARM

	List	Consumer
3-Piece Tea or Coffee Set Tea or Coffee Pot, Sugar Bowl, Cream Pitcher	$68 80	$55.00
4-Piece Tea and Coffee Set Tea Pot, Coffee Pot, Sugar Bowl, Cream Pitcher	100 10	80.00
5-Piece Tea and Coffee Set Tea Pot, Coffee Pot, Sugar Bowl, Cream Pitcher, Waste Bowl	112.60	90.00
Sugar and Cream Set	$37 60	$30.00
Tea Pot	31 30	25.00
Coffee Pot	31 30	25.00
Sugar Bowl	18 80	15.00
Cream Pitcher	18.80	15.00
Waste Bowl	12.50	10.00
Waiter 22-inch	50 00	40.00
Waiter 8-inch	27 50	22.00
Bread Tray	12 50	10.00
Sandwich Tray	12 50	10.00
Double Vegetable Dish	28.20	22.50
Gravy Boat and Tray	20 70	16.50
Chop Dish, Covered	37 60	30.00
Water Pitcher	34 40	27.50
Meat Dish, Plain, 16-inch	22.50	18.00
Meat Dish, Plain 18-inch	27 50	22.00
Meat Dish, Well and Tree, 16-inch	31 30	25.00
Meat Dish, Well and Tree 18-inch	36 30	29.00

CHARM SUGAR BOWL

CHARM COFFEE POT

CHARM CREAM PITCHER

INTERNATIONAL SILVER CO.

HOLMES & EDWARDS

SOMETHING MORE THAN PLATE

INLAID

CHARM

	Plate Box	List Doz.	Consumer
Tea Spoons	Inlaid	$8.34	doz. $7.50
Dessert or Oval Soup Spoons	Inlaid	16.68	doz. 15.00
Table or Serving Spoons	Inlaid	16.68	doz. 15.00
Round Bowl Soup Spoons	Inlaid	16.68	doz. 15.00
Breakfast or Luncheon Forks	Inlaid	16.68	doz. 15.00
Dinner Forks	Inlaid	16.68	doz. 15.00

SPOONS IN SUPER CASES

Baby (Bent Handle)	doz.	13.26	each 1.00
Baby (Short Handle)	doz.	13.26	each 1.00
Berry Salad or Serving	doz.	46.80	each 3.50
Bouillon	doz.	16.14	six 7.25
Coffee (Demi Tasse)	doz.	8.34	six 3.75
Cream Soup or Cereal	doz.	16.68	six 7.50
Five o'Clock Tea, Sherbet or Child's, Plain Box	doz.	8.34	six 3.75
Iced Drink or Parfait	doz.	13.38	six 6.00
Olive	doz.	23.28	each 1.75
Orange or Grape Fruit	doz.	12.80	six 5.75
Preserve	doz.	36.78	each 2.75
Sugar	doz.	16.52	each 1.25

FORKS IN SUPER CASES

Baby (Short Handle)	doz.	13.26	each 1.00
Cod Meat, Salad or Serving	doz.	33.28	each 2.50
Cold Meat, Small	doz.	26.78	each 2.00
Five o'Clock Tea or Child's, Plain Box	doz.	13.26	six 6.00
Ice Cream	doz.	13.88	six 6.25
Oyster or Sea Food	doz.	11.68	six 5.25
Pie or Pastry, Individual	doz.	18.90	six 8.50
Pickle	doz.	20.02	each 1.50
Salad, Individual	doz.	16.68	six 7.50

KNIVES AND LADLES IN SUPER CASES

Butter Knife	doz.	16.52	each 1.25
Butter Spreaders	doz.	13.92	six 6.25
Gravy Ladle	doz.	36.78	each 2.75
Soup Ladle (Hollow Handle)	doz.	106.84	each 8.00
Whipped Cream Ladle	doz.	30.00	each 2.25

SPECIAL SERVING PIECES IN SUPER CASES

Fish Server, Pierced	doz.	56.80	each 4.25
Jelly Server	doz.	23.52	each 1.75
Sugar Tongs	doz.	26.78	each 2.00
Tomato or Egg Server	doz.	43.54	each 3.25

SOLID HANDLE CUTLERY, FRENCH BLADES

Dinner Knives, Stainless	doz.	17.64	doz. 14.00
Dinner Knives, Plated	doz.	12.60	doz. 10.00
Tea, Salad or Child's Knives, Plated	doz.	12.60	doz. 10.00
Fruit Knives, Stainless, Super Case	doz.	15.72	doz. 12.50

HOLLOW HANDLE CUTLERY, FRENCH BLADES

Dinner Knives, Mirror Stainless	doz.	35.40	six 14.00
Dinner Knives, Stainless	doz.	30.24	six 12.00
Breakfast Knives, Mirror Stainless	doz.	35.40	six 14.00
Breakfast Knives, Stainless	doz.	30.24	six 12.00
Vande Knives, Mirror Stainless (Long Handle)	doz.	37.80	six 15.00
Tea, Salad or Child's Knives, Plated	doz.	27.70	six 11.00
Fruit Knives, Stainless, Super Case	doz.	27.70	six 11.00
Butter Spreaders, Super Case	doz.	23.40	six 10.50
Cheese Server, Super Case	doz.	36.78	each 2.75
Pie Server, Super Case	doz.	60.30	each 4.50

HOLLOW HANDLE CARVING SETS
STAINLESS STEEL BLADES

Blades Large 8", Medium 7", Small 6"

3-Piece Beef (Large), Super Case	set	22.74	set 18.00
3-Piece Game (Medium) Super Case	set	19.60	set 15.50
2-Piece Game Medium Super Case	set	15.44	set 12.25
2-Piece Steak (Small) Super Case	set	14.18	set 11.25
2-Piece Steak (Small) Super Case	set	10.12	set 8.00
Poultry and Game Shears, Plain Box	each	12.52	each 10.00

SOLID HANDLE

2-Piece Steak (Small) Stainless Blade 6-inch, Super Case	set	6.26	set 5.00

TWO-PIECE SETS IN SUPER CASES

Sugar Spoon and Butter Knife	doz.	33.28	set 2.50
Baby Spoon and Fork (Short Handle)	doz.	26.78	set 2.00
H. H. Salad Set, Olivewood Tines and Bowls	doz.	100.34	set 7.50

THREE-PIECE CHILD'S SETS IN SUPER CASES

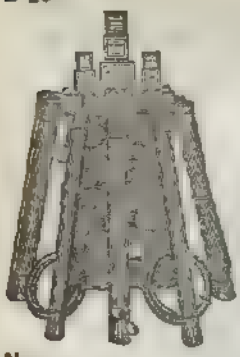
With Solid Handle Knife	doz.	37.78	set 2.50
With Hollow Handle Knife	doz.	53.30	set 4.00

Pieces Illustrated are

Dinner Knife — Individual Salad Fork
Tea Spoon — Dinner Fork

Illustrations Full Size

INTERNATIONAL SILVER CO.



WELDING RODS

OXWELD

Oxweld filling rods are manufactured and carefully tested to conform to a high standard, to produce a weld having as nearly as possible the same strength and character as the original metal, to flow freely and unite readily and thoroughly with the metal of the part to be welded.

Formula No. 7 For Steel.

Recommended for welding steel tanks, boilers, steel barrels, enamelware, pipe lines, etc.

Nos.	A-WS1/8	A-WS5/32	A-WS1/4
Diam, ins	1/8	5/32	1/4
Length, ins	36	36	36
1 to 99 lbs, Per lb	$0 51	48	48
100 lbs or more, Per lb	48	45	45

Formula No. 9 For Cast Iron.

Nos.	A-WCS1/16	A-WCS1/4	A-WCS5/16
Diam, ins	5/16	1/4	5/16
Length, ins	12 to 18	21 to 24	21 to 24
1 to 99 lbs, Per lb	$0 48	42	39
100 lbs or more, Per lb	42	36	36

Tobin Bronze Drawn Rods.

Recommended for welding bronze, brass and malleable iron.

Nos.	A-WTB1/8	A-WTB5/32	A-WTB1/4
Diam, ins	1/8	5/32	1/4
Length, ins	36	36	36
1 to 49 lbs, Per Lb	$1 29	1 17	1 14
50 lbs or more, Per Lb	1 26	1 14	1 11

Formula No. 13 Brass.

Recommended for welding sheet brass, brass castings, etc.

Nos.	A-WPB1/8	A-WPB1/4
Diam, ins	1/8	1/4
Length, ins	36	36
1 to 49 lbs, Per Lb	$1 14	1 05
50 lbs or more, Per Lb	1 08	99

SPECIAL FORMULA FLUX

No.	A-131F (Ferro Flux for cast iron.)	A-2BBF (Brazo Flux, for welding brass, bronze and malleable iron.)
Formula, No.	13	2
Wt tins, lbs	1	1
1 to 9 lbs, Per lb	$2 25	2 55
10 to 49 lbs, Per Lb	2 10	2 40
50 or more lbs, Per Lb	1 50	1 95

OXYGEN AND ACETYLENE HOSE VITALIC

Extra Heavy 5 Ply.

	Per 100 ft
Standard High Pressure Double Fabric Red Rubber, Oxygen Hose.	
No. A-1/4DR-O—1/4 in., 50 ft lengths	$35 40
No. A-5/16DR-O—5/16 in., 50 ft lengths	43 50
Standard High Pressure Double Fabric Gray Rubber, Acetylene Hose.	Per 100 ft
No. A-5/16DB-A—5/16 in., 50 ft lengths	$41 10
No. A-3/8DB-A—3/8 in., 50 ft lengths	48 00

WELDING AND CUTTING SUPPLIES

PREST-O-WELD WELDING SPECTACLES AND GOGGLES

A great many make the mistake of try ng to weld or to adjust to welding flame without the use of goggles, while the oxygen flame does not give off any dangerous rays, the light is so intense that sooner or later the eyes will become strained unless protected by suitable lenses. They also serve to protect the eyes against small particles of molten metal. Per Pair

No. A-48F—Goggle, with fibre frame and amber lenses.. $6 45

One pair in carton.

PREST-O-WELD GLOVES Per Pair

No. A-38FLG—Presto Fire proof leather. Withstands the handling of rough metal much better than gloves of pure asbestos, and at the same time gives adequate protection against heat ◆$4 74

◆F. O. B. Illinois Factory Only.

WIRE SOLDER

KESTER ACID-CORE

Kester Acid Core Solder

Self-Fluxing Wire Solder.

The solder is a hollow wire filled with an acid soldering flux. Made from Strait's tin and St. Joe lead, both absolutely pure metals. The solder tube is a series of cells. As one cell is separated from the others, no excess flux can flow from the remaining cells.

The most practical solder for Automobile repair work. Handy, clean and easy to apply. Can be used without soldering iron It has many uses such as radiator leaks, spark plug terminals, gasoline pipe and tank joints, battery terminals, general garage use, etc. 1/8 inch in diameter.

	Per 100 Lbs
No. A-1ACS—lb coils	$202 50
No. A-5ACS—5 lb spools	187 50
No. A-10ACS—10 lbs spools	186 00

GEAR FLUSHERS

AIR-WAY

Heavy pressed steel container; nickel plated brass operating valve.

A practical device for cleaning transmission and differential gear cases. Requires no motor, operates from compressed air supply line, utilizing a clean fluid agitated by air pressure.

Complete with 12 feet of 1/4 inch high grade rubber hose with 1/4 inch connection.

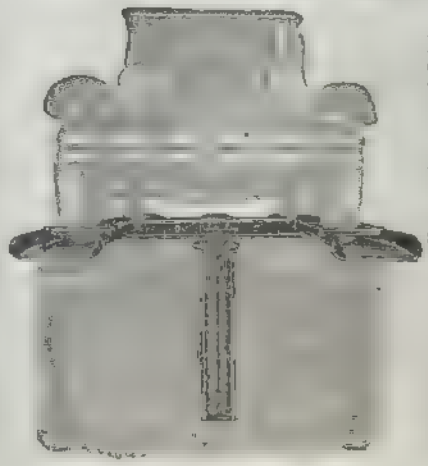
	Each
No. A-32—Capacity 1 gal	$78 75

One in carton; wt each 15 lbs.

OILDRAULIC REVOLVING LIFTS

MARQUETTE

DRIVE ON TYPE O D



Crucible steel. Electrically driven, operates in oil and with oil. A unit within itself, motor and pump enclosed inside of ram. Flat table with movable chock blocks. Brass bearing guides eliminate scoring piston. Automatic safety lock. Adjustable leakproof packing glands. Requires no underground pipes, pits or valve houses. Raises car mansize height or to any intermediate height. Revolves at any level.

110-220 Volt, 60 Cycle, A.C. or D.C. General Electric Motor.

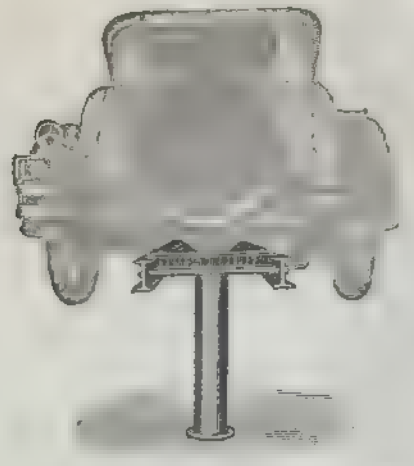
	Each
No. A-0D—Wt each 1750 lbs	◆$1251 00

Crated.

◆F. O. B. Tennessee Factory Only.

OILDRAULIC REVOLVING LIFTS

MARQUETTE
FREE WHEEL TYPE O F



I beam steel construction. Electrically driven, operates in oil and with oil. A unit within itself, motor and pump enclosed inside of ram. Lifts by the axles. Wheels can be easily demounted. Equipped with movable cradle and axle steps, adjustable to any size chassis. Requires no underground pipes, pits or valvehouses. Raises car mansize height or any intermediate height. Revolves at any level. Designed for brake adjusting shops tire service stations, repair shops, manufacturers, etc.

110-220 Volt, 60 Cycle A.C. or D.C. General Electric Motor.

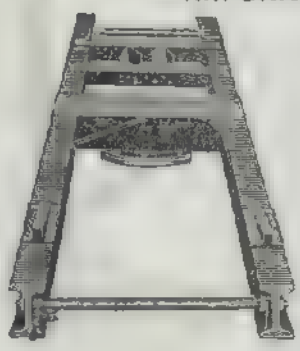
Each

No. A-OF—Wt each 1350 lbs..... **+$1251 00**

Crated.

AIRDRAULIC REVOLVING LIFTS

MARQUETTE
AIR DRIVEN TYPE A F



I beam steel construction, operates on compressed air from the tire service line. Lifts by the axles. Wheels can be easily demounted. Equipped with movable cradle and axle steps, adjustable to any size chassis. Requires no underground pipes, pits of valvehouses. Raises car mansize height or any intermediate height. Revolves at any angle. Designed for brake adjusting shops, tire service stations, repair shops, manufacturers, etc.

Each

No. A-AF—Wt each 1200 lbs..... **+$945 00**

Crated

MARQUETTE
DRIVE ON, AIR-DRIVEN, TYPE A D

Crucible steel flat table with movable chock blocks. Operates on compressed air from the tire service line, connected and disconnected as needed. Requires no pit underground plumbing, valvehouses or extra equipment. Equipped with dual safety block, air release and oil hardened. Stays up until both air and oil are released. Uses minimum volume of air.

Raises car mansize height or to any intermediate height. Revolves at any level.

Each

No. A-AD—Wt each 1500 lbs..... **+$945 00**

Crated

+F. O. B. Tennessee Factory Only.

SHACKLE AND SPRING BOLT SERVICE TOOLS

AMMCO SHACKLE JACKS

A labor saving tool that lifts and supports the weight of car while spring shackle bolts and bushings are being greased, removed or replaced.

Slips between shackles and with a turn of jack screw the weight of car is removed from shackles and bolts. Each

No. A-1SJ—Length over all 14 ins..... **$18 90**

One in carton; wt each 5½ lbs.

SHACKLE BOLT BUSHING TOOL

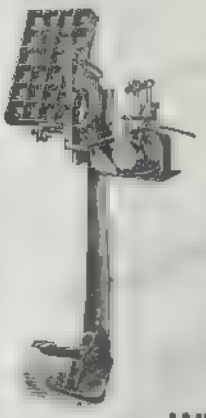
Eliminates the troubles associated with bushing removing and replacements. With this tool worn shackle bolt bushings are forced out and new bushings pushed into place in a single operation. When used in conjunction with shackle jacks, shackle and spring bolt service can be given promptly and satisfactorily at an attractive net profit. Each

No. A-1SBT—Length over all 10½ ins..... **$10 95**

One in carton; wt each 2 lbs.

BRAKE LINING MACHINES

RAYBESTOS



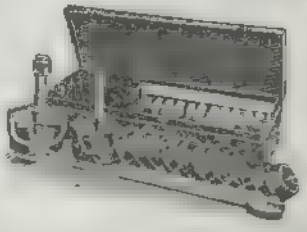
A sturdy heavy pedestal type combination brake lining machine set. This combination comprises the following units: Gem locating, drilling and countersinking machine that is complete with four drills and countersink, Allen set screw wrench, ½ H.P. Westinghouse 110 volt, 60 cycle A. C. motor; riveting machine with six tools, ½ inch roll set, ⅝ inch roll set, star set, punch, anvil and die holder and rivet cabinet with 12 pound assortment of rivets. Each

No. A-4—Wt each 160 lbs..... **+$283 50**

One in wood box.

WHEEL PULLERS

RAYBESTOS



Body of puller is a one piece high point carbon steel casting; the adapters are of ductile metal tapered on outside to fit bore of puller body.

Consists of one universal wheel puller with 10 adapters, one special wheel puller with 14 adapters.

Outfit is put up in a heavy steel box, with hinged cover securely closed by trunk fasteners, fitted with drop handles.

A chart is furnished with each set that lists 375 cars in alphabetical order, a glance at the chart tells which adapter to use. Each

No. A-CG24 Wt each 60 lbs..... **+$189 00**

This outfit is same as above in construction, except it has only 14 adapters to fit 55 cars. Each

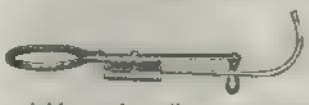
No. A-CG-14—Wt each 40 lbs..... **+$94 50**

One in wood box.

BRAKE-RITE ADJUSTING GAUGE AND PEDAL DEPRESSOR

RAYBESTOS

Fits All Cars and Light Trucks.



Rust proof metal gauge pedal depressor; aluminum and bronze cylinder. Accuracy in brake equalization made quickly and easily, gauge reading gives pressure of brakes or lack of pressure. Each

No. A-BG—Wt each 10 lbs..... **+$47 25**

One in wood box.

+F. O. B. Connecticut Factory Only

The Renowned "Nassau" Strap Watches

Pleasing and Popular Models at Popular Prices

10½ Ligne 6, 11 and 15 Jewel Lever Movements. Equipped with Radium Numerals and hands. Fine Leather Detachable Straps.
Prepared in Handsome Presentation Gift Boxes.
Excellent value at these low prices is offered in these "NASSAU" Strap Watches, consistent with expert workmanship and finish.

SQUARE SHAPE 10½ LIGNE
Radium Numerals and Hands
Woven Wire Mesh Band Bracelet

This is a popular style watch, featuring with the adjustable Woven Wire mesh bands, grooved attachments. Rolled Chromium Plate Case, White finish engraved with Green estamped engraved border. Pretty and effective in contrast. Fitted with the renowned "NASSAU" 6-Jewel lever movement. Prepared in handsome display box for presentation purposes. An ideal Christmas, Birthday or Graduation gift. Priced very low in this selling.
No. 4465 Complete Watch. Each $20.00

GIFTS THAT LAST

AN IDEAL GIFT FOR ANY OCCASION
Birthdays. Christmas. Graduation. Confirmation. Remembrances. Gifts of Award. Recognition Gifts.

TONNEAU SHAPE 10½ LIGNE
Radium Numerals and Hands
Woven Wire Mesh Band Bracelet

You will be pleased at the attractive appearance of this strong watch possessing absolute Chrome Plate case with finish engraved with fancy Engraved engraved border. White Woven Wire mesh strap bracelet. Fitted with the renowned "NASSAU" 6-Jewel lever movement. Comes in a fine display box for presentation purposes. Will serve as a dependable timekeeper. Irrespective of its low price.
No. 4464 Complete Watch. Each $20.00

OBLONG SHAPE 10½ LIGNE
Radium Numerals and Hands

This pleasing design with its cut corners is a very popular and attractive model. Case is made of Rolled Chromium Plate. White finish enriched with engraved bezel and a pretty contrasting Green Plain extended border. Green leather detachable strap and buckle. Fitted with the renowned "NASSAU" 15-Jewel lever movement, dependable and accurate in its timekeeping performance. In display box.
No. 4465 Complete Watch. Each $21.00

Peruse our Watch Section Carefully.
It is replete with a Reputable and established line in all grades and styles.
Excellent Values.
Prompt and Efficient Service.

SQUARE SHAPE LINK ENDS 10½ LIGNE
Radium Numerals and Hands

This model possesses the shape of a set of accessories of the patterned link ends are attached to the case. A very attractive model very compact in appearance. White Dial Plain case. Fitted with the renowned "NASSAU" 6-Jewel lever movement. Genuine sea leather detachable strap and Gold Plated Buckle. Stands out in display, especially finished in handsome display box for presentation purposes. A splendid gift for any occasion.
No. 4466 Complete Watch. Each $22.50

TONNEAU SHAPE 10½ LIGNE
Radium Numerals and Hands

A design of pleasing proportions, manifesting appearance, yet rich in attraction. Rolled Chromium Plate case, which will not tarnish or change color under any condition. White plain bezel enriched with engraved extended border. Fitted with the renowned "NASSAU" 15-Jewel lever movement. Fine detachable genuine leather strap with buckle. In display box. An excellent watch value.
No. 4467 Complete Watch. Each $25.00

SQUARE CUT CORNER SHAPE 10½ LIGNE
Radium Numerals and Hands

As compact a model as the market offers at the low-priced field. It is well made and finished and will give the utmost of service and complete satisfaction. Rolled Chromium Plate case. White plain bezel, enriched with wide engraved extended border. Fitted with the renowned "NASSAU" 15-Jewel lever movement. Fine detachable genuine leather strap with buckle. In display box.
No. 4468 Complete Watch. Each $25.00

RECTANGULAR SHAPE
Cut Corner Dial 10½ Ligne
Radium Numerals and Hands

White Rolled Chromium Plate case. Handsomely engraved bezel and ends. Thin model. Fitted with the renowned "NASSAU" 6-Jewel lever movement. Guaranteed reliable and dependable timekeeper. Fine quality leather detachable strap and buckle. Complete in fine presentation case. A very attractive and fine selling watch.
No. 4470 Complete Watch. Each $17.50

LONG RECTANGULAR SHAPE
Radium Numerals and Hands
10½ Ligne

Thin Model. Rolled Chromium Plate Case and nickel buckle. Fitted with the renowned "NASSAU" 6-Jewel lever movement. Fine quality leather detachable strap. A very compact style, strictly conservative and attractively priced in this selling. Complete in case ready for the presentation box.
No. 4569 Complete Watch. Each $16.50

TONNEAU SHAPE
Radium Numerals and Hands
10½ Ligne

White Rolled Chromium Plate case with green engraved extended border. Sturdy, construction and substantial appearance. Thin Model. Fitted with the renowned "NASSAU" 6-Jewel lever movement. Fine quality detachable strap. Complete in fine presentation box. Great value and style for price prevailing in this selling.
No. C-71 Complete Watch. Each $18.50

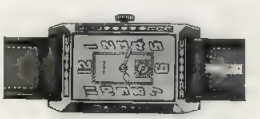
ROCOCO SHAPE
Radium Numerals and Hands
10½ Ligne

6 Jewel "Nassau" Movement

Thin Model. Back of case is curved to conform to the shape of wrist. A very popular seller. Sturdy in construction and nasaum in appearance. Rolled Chromium plate case and Nickel Buckle. Fitted with the renowned "NASSAU" 6-Jewel lever movement. Fine Detachable Leather Strap. Complete in handsome presentation box. Well made and finished. Priced very low.
No. 4472 Complete Watch. Each $15.50

LONG RECTANGULAR SHAPE
Square Dial 10½ Ligne
Radium Numerals and Hands

The appearance of the whole watch is greatly enhanced by the artistic engraved bezel. Thin model. White Rolled Chromium Plate case and buckle. Fitted with the renowned "NASSAU" 6-Jewel lever movement. Fine leather detachable strap. Complete in the presentation box. Attractively priced. Excellent value.
No. 4473 Complete Watch. Each $17.50



RECTANGULAR SHAPE
Radium Numerals and Hands
6 by 13 Ligne

6-Jewel "Nassau" Movement

Thin Model. Back of case is curved to conform to the shape of the wrist. Nickel Case, artistically embossed and Nickel buckle. Fitted with the renowned "NASSAU" 6-Jewel lever movement. Fine detachable leather strap. Complete in handsome presentation box. An excellent style, sturdy, built to withstand hard usage and will give the utmost of service and satisfaction.
No. 4474 Complete Watch. Each $17.50

NOTE. Because of impending Tariff Changes These Prices are Subject to Change Without Notice.

Moderately Priced Renown "Nassau" Wrist Watches

In low priced watches the renowned "NASSAU" make are known for their remarkable intrinsic value and especially dependable timekeeping qualities. Fitted with 6-Jewel escapement movement highly finished throughout—backed up by good service and warranted to give satisfaction. The cases are selected for their beauty and well wearing qualities. These White Rolled Plate Cases are Chromiumized over a metal base. This assures a sturdy backing for the wearing surface. Richly decorated silver finish metal dials. Complete, as shown, in an attractive display box.

Illustrations Actual Size. **Ideal as Christmas, Birthday or Graduation Gifts**

GIFTS THAT LAST

OCTAGON SHAPE 10¾ LIGNE

An inexpensive watch of excellent construction and reliable dependability. White Rolled Plate Case and Clasp. Ideal, engraved bezel fitted with the renowned NASSAU 6-jewel lever movement. Silk ribbon. In display box. Especially priced.

No. 4436 Complete Watch. Each.....**$15.00**

CUSHION SHAPE 10½ LIGNE

Popular in style and price. Ideal for gift purposes. This pleasing style Cushion shape in White Rolled Plate Case and Clasp. Silk ribbon. Artistic gilt engraved bezel. Fitted with the renowned NASSAU 6-Jewel lever movement. In display box.

No. 4437 Complete Watch. Each **$15.00**

TONNEAU SHAPE 10½ LIGNE

In low priced watches the "NASSAU" brand enjoys an enviable reputation for service and satisfaction. Fancy Tonneau Shape Case in White Rolled Plate. Silk ribbon and clasp. Fitted with the renowned "NASSAU" 6-Jewel lever movement. In display box.

No. 4438 Complete Watch. Each.....**$15.00**

TONNEAU SHAPE 6¾ LIGNE

White Rolled Plate Case, art stealth engraved bezel, fitted with the renowned "NASSAU" 6-jewel lever movement. A popular style and size in a moderate priced dependable watch. In display box.

No. 4439 Complete Watch. Each.....**$15.00**

RECTANGULAR SHAPE 6¾ LIGNE

White Rolled Plate Case, art stealth engraved bezel, fitted with the renowned "NASSAU" 6-Jewel lever movement. One of the most desirable styles in the rectangular shape. In display box.

No. 4440 Complete Watch. Each.....**$15.00**

TONNEAU SHAPE 6¾ LIGNE

A new and very neat design in the Tonneau shape. White Rolled Plate Case, richly engraved. Fitted with the renowned "NASSAU" 6-Jewel lever movement. Priced very low. In display box.

No. 4441 Complete Watch. Each.....**$19.00**

RECTANGULAR SHAPE 6¾ LIGNE

Another very pretty and attractive new design in the pleasing Rectangular shape. White Rolled Plate Case, richly engraved. Fitted with the renowned "NASSAU" 6-jewel lever movement. In display box.

No. 4442 Complete Watch. Each.....**$19.00**

RECTANGULAR SHAPE 6¾ LIGNE

A most exquisitely new rectangular design with cut corners. Heavily and artistically engraved. White Rolled Plate Case. Fitted with the renowned "NASSAU" 6-Jewel lever movement. In display box.

No. 4443 Complete Watch. Each.....**$19.00**

TONNEAU SHAPE 6¾ LIGNE

A beautiful new Tonneau design of excellent workmanship throughout. Richly engraved bezel. White Rolled Plate Case. Fitted with the renowned "NASSAU" 6-Jewel lever movement. In display box.

No. 4444. Complete Watch. Each.....**$19.00**

RECTANGULAR (CUT CORNER) SHAPE

6¾ Ligne. Filigree Expansible Bracelet

There is merit to the construction and workmanship of this exquisitely designed ensemble portrayed above. A beautiful 6¾ ligne size watch in the popular rectangular style, one which has cut corners, attractive oval aperture and enhanced with artistically engraved bezel. White Rolled Plate Case and pierced Filigree Expansible and Flexible Bracelet with Center Catch. Fitted complete with the renowned "NASSAU" 6-Jewel lever movement and encased in a display box for gift purposes. The value is extraordinary.

No. 4445 Complete Watch. Each.....**$21.75**

TONNEAU SHAPE—6¾ LIGNE

Filigree Expansible Bracelet

This gracefully designed watch will make a striking appeal to the man of fastidious taste. Its beautiful style and moderate cost emphasizes the wonderful value at the prevailing price quoted. White Rolled Plate Case, and pierced Filigree Expansible and Flexible Bracelet with Center Catch. Fitted with the renowned "NASSAU" 6-Jewel lever movement. In display box. Ideal as a Christmas, Birthday or Graduation gift.

No. 4446 Complete Watch. Each.....**$21.50**

TONNEAU SHAPE 6¾ LIGNE

Filigree Expansible Bracelet

Another attractive style. White Rolled Plate Case and Pierced Filigree Expansible and Flexible Bracelet, with center catch. Fitted with the renowned "NASSAU" 6-jewel lever movement. Exceptional value and finished throughout.

No. 4447 Complete Watch. Each.....**$21.50**

RECTANGULAR (CUT CORNER) SHAPE

6¾ Ligne. White Rolled Plate Bracelet

A magnificent new rectangular cut corner design with Oval opening. Richly engraved bezel. White Rolled Plate Case and White Woven Mesh adjustable band bracelet. Fitted with the renowned "NASSAU" 6-jewel lever movement. In display box for gift purposes.

No. 4448 Complete Watch. Each.....**$20.00**

RECTANGULAR (CUT CORNER) SHAPE

6¾ Ligne. Filigree Expansible Bracelet

While moderate in price, this watch is made to an exacting standard by the large manufacturers of reputed Swiss watches. It excels all low priced watches in service and satisfaction. White Rolled Plate Case and pierced Filigree Expansible and Flexible Bracelet with Center Catch. Fitted with the renowned "NASSAU" 6-Jewel lever movement. In display case.

No. 4449 Complete Watch. Each.....**$21.50**

Because of Impending Tariff Changes These Prices Are Subject to Change Without Notice

Pohl, Hotz and Hohner Harmonicas

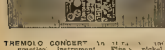
Pohl Harmonicas

RED WING ... Attractive looking ... harmonica ... with convex nickel plated covers, effectively ornamented. Extension ends open each colored frame, 3 reeds, 10 holes. Length 4¾ inches. Packed in individual box ... decorated in colors

CH161 ..... Per doz. .84

TREMOLO CONCERT ... nickel plated covers, turned in ends, open holes, 2 metal plates, 10 ... reeds ... Packed in individual frame ... box

CH164 ..... Per doz 1 50



TRI-TONE 24-HOLE HARMONICA ... nickel plated covers, open holes, ... accurately tuned reeds ... 4 dozen in package.

CH165 ..... Per doz 1 00

MY PAL—Pohl Brand Harmonica ... constructed instrument of ... sweet tone and perfectly tuned. This Harmonica has fine nickel plated reeds, brass plates, nickel plated covers, ... Measures 4 inches in length. Packed in a light cardboard container with label in colors. One dozen in a box.

C112 ..... Per doz 1 ..

American Ace Assortment

THE AMERICAN ACE HARMONICA ASSORTMENT—This comprises one dozen perfectly tuned Hotz Harmonicas contained in extra heavy telescope boxes ... Assortment includes: ... nickel plated covers, ... nickel plated ... twenty reeds finely nickel plated covers, brassed plates and open back

C016 ..... Per asst 4 00

OH, BOY Pohl harmonica of neat appearance, nickel plated covers, turned in ends. Frame finished in natural mahogany. A fine tremolo instrument with 10 double holes, 20 reed. Key C only. Packed in telescope box with label in colors.

C165 ..... Per doz. 4 00

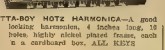
Hotz Harmonicas

CUTIE The ... is one of the best popular novelties of the year. It has 4 single holes, 8 perfectly tuned reeds, brassed plates, heavy nickel plated covers, ... ornamental ... Packed in a neat ... box

C023 ..... Per doz. 2 40

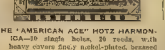
ATTA-BOY HOTZ HARMONICA—A good looking harmonica, 4 inches long, 10 holes, highly nickel plated frames, each in a cardboard box, ALL KEYS

C064 ..... Per doz. 4.00



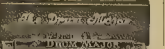
THE "AMERICAN ACE" HOTZ HARMONICA—10 single holes, 20 reeds, with heavy covers fancy nickel-plated, ... plates ALL KEYS

C024 ..... Per doz. 3.80



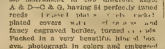
THE DRUM MAJOR ... Hotz. First quality tremolo Harmonica 24 double holes, 48 ... reeds ... Brassed plates, nickel-plated ... Frames in bird's-eye maple finish ... fine hinged box KEYS ... and G

C020 ..... Per doz. 7.00



MELODY KING Hotz Harmonica. Unquestionably the most attractive and satisfactory Harmonica for the price ... is sure to be. Large double-end ... ble instrument in two different keys, A & D—C & G, having 84 perfectly tuned reeds ... nickel plated covers ... fancy engraved border, ... Packed in a very beautiful blue box ... photograph in colors and embossed gold lettering

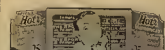
C084 ..... Per doz 9 60



DAVID'S HARP
A Hotz ... instrument ... 10 double holes, 20 reeds, brassed plates ... The cover is attractively ... harp with ... wooden runners ... and a ... The ... with ... proprietary title and ... tering in colors. Reinforced with metal back ... by nickel-plated ... Packed in a heavy cardboard telescope container ... decorated.

C050 ..... Per doz. 9.00

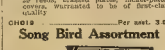
Hotz Assortment



"HAPPY DAYS" ASSORTMENT—An assortment ... arranged in ... counter display. Photographed in ... colors. It contains 12 Harmonicas (Nos. 6) and (2) each having 10 single holes, 20 reeds, brassed plates, nickel-plated covers, ... guaranteed to be of first-class quality

CH019 ..... Per asst. 3 00

Song Bird Assortment



SONG BIRD—Single holes, ... Harmonicas ... nickel plated ... Each in a ... box C & G ... in an attractive display carton, not ... broken.

CH024 ..... Per doz. 4.80

Hohner Display Assortment

HOHNER ASSORTMENT DISPLAY—In a double, ... display printed in 4 colors ... Hohner ... Harmonicas ... Contains one ... as follows: 3rds, 5ths, 12th ... All ... to retail at 25¢

C410A ..... Per asst. 9 20

"Hohner Boy" Assortment

Consists of a beautiful ... cardboard display ... five colors, ... one of ... other ... each, 15 ... with ... at the base with 1 dozen genuine Hohner Harmonicas attached. The ... is made of heavy cardboard and is supported by a pasteboard easel on the back. One dozen genuine Hohner Harmonicas assorted in different styles in a variety of seven keys

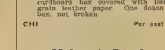
C425A— ..... Per asst 9.50

Hohner Assortment

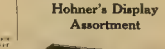
HOHNER ASSORTMENT ... Harmonicas in ... styles ... of A-B flat, C & G, ... Packed in a heavy cardboard box covered with imitation grain leather paper. One dozen in a box, not broken

CH1 ..... Per asst 8 00

Hohner's Display Assortment



Closed Cabinet



Open Cabinet

HOHNER'S COLLAPSIBLE DISPLAY CABINET. Consists of 8 trays. Cabinet elaborately finished in rich dark mahogany, finely polished. Attractive gold lettering on the top handle. Contains ... assorted assortment of 38.

CH400 ..... Per asst 31 80

Hohner Revolving Assortment

HOHNER'S REVOLVING DISPLAY HARMONICA STAND—Finished in dark mahogany highly polished. On a spring movement motor with sufficient strength to revolve 25½ hours. Height, 32 inches. 19¾ inches wide.

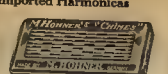
C600A ..... Per asst 30.00

C601 ... Refills for C600A ... 45 00

A Large Selection of Imported Harmonicas

C345—THE OLD STANDBY—10 single holes, 20 reeds, brass plates, nickel covers, in neat wood case. ALL KEYS. ..... Per doz. 9.00

C1896½—UP TO DATE—10 double holes, 40 reeds, brass plates, octave chords, nickel plated, cornet size, in fine silk lined leatherette case, with lock and gold lettering. ALL KEYS. ..... Per doz. 14.40



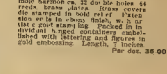
C89—CHIMES ..... Per doz. 19.20

C425—"R-MPET CALL HOHNER HARMONICA—Don't mind tremolo harmon ca, 32 dbl holes 64 reeds, brass plates, brass covers die stamped in bold relief Patent Leather finish, black, w. g. r. tuned pitch standard. Packed in individual hinged cardboard box, finished with lettering and figures in gold embossing. Length, 7 inches ..... Per doz. 36.00

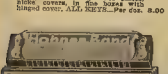
C808—THE OLD FAVORITE—13 double holes, 52 reeds, brass plates, nickle covers, in fine hand wood hinged cover, ALL KEYS...Per doz. 8.00

C395—MARINE BAND—This Hohner Harmonica has a much larger range than the ordinary single harmonica, 3 octaves, and in the choice of many players 14 single holes 28 reeds, highly nickel plated covers, brass plates. Packed in a dainty and attractive hand box. ALL KEYS ..... Per doz. 14.40

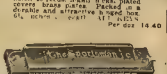
C808—"ECHO"—Genuine Hohner Harmonica. Large double-voiced tremolo instrument in two different pitches, each pitch specially tuned reeds, genuine brass plates, highly nickel plated covers with round ends, following keys A & D—B & E—C & F. Packed in a very attractive hand box. In 10 holes ..... Per doz. 24.00



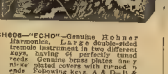
C1152 GENUINE HOHNER HARMONICA—10 inches long, 32 double holes, 64 reeds, brass plates, fancy nickel plated covers, ebonite frame, and decorations, packed in beautifully decorated box. ALL KEYS. ..... Per doz. 18.00



C132—HOHNER BAND—Finely covered nickel plated covers with rounded mouthpiece, which is exceptionally agreeable to the player, brass plates, 10 accurately tuned reeds to each, frame is mahogany finish. ALL KEYS. ..... Per doz. 9.00

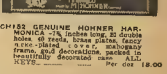


C264 "SPORTSMAN ..... Per doz. 14.40



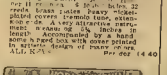
Chromatic Harmonica

The Harmonica that is endorsed by leading conservatories. Large arrangement permits playing sharps and flats.



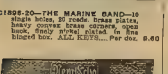
CH146—MARINE BAND TREMOLO—Genuine double-ended Hohner Harmonica, 10 inches long, 32 double holes, 64 reeds, brass plates, fancy nickel plated covers, ebonite fancy frame, extension ends with handsome gold decorations. 10½ inches in length. Made in following keys, A & D—C & G. Each instrument comes in a highly and beautifully lined, fashionably designated with gold letters ..... Per doz. 28.80

C1896-20—THE MARINE BAND—10 single holes, 20 reeds, brass plates, heavy covers, brass covers, oval hook, finely nickel plated, in fine hinged box. ALL KEYS...Per doz. 9.60

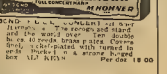


C3CND ..... Per doz. 18.00

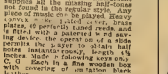
CH620—HOHNER CHROMATIC HARMONICA—This instrument supplies all the missing half-tone gaps found in the regular style. Any kind of music can be played. Heavy nickel plated covers, brass reed plates, 10 perfectly tuned reeds and is fitted with a patented sliding device, the operation of a slide permits the player to obtain half tones instantaneously, length 10½ inches. Made in following keys only: C and G in a fine wooden box with covering of imitation black leather ..... Per doz. 48.00



CH123—"NEW ECHO"—Genuine Hohner Harmonica having 10 double holes, 32 reeds, mounted on brass plates and of extra strength, nickel-plated covers with ebonite ends, 10 inches in length. Made in following keys only. Each instrument is packed in an exceptionally fine and attractive box adorned with silver presentation. Made to following keys A-C ..... Per doz. 10.80

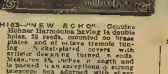


C1896-40—CONCERT—The Marine Band, 10 double holes, 40 reeds, brass plates, highly nickel plated covers, finely nickel plated full concert size, in neat box, with lock and embossed lettering. ALL KEYS ..... Per doz. 16.00



C270 CHROMONICA ..... Per doz. 64.00

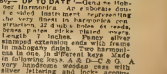
C461½—UP TO DATE—Genuine Hohner Harmonica. An elaborate double valved instrument representing every facet in harmonica construction. Has 12 double holes, brass plates strike plated covers. Length 7 inches. Fancy silver stamped extension ends with reeds in mahogany finish. Two hundred and forty reeds. Packed in attractive box. A very handsome wedge case with silver lining and lock. Each instrument packed in box ..... Per doz. 36.00



C1603—"ECHO"—Genuine Hohner Harmonica. A very fine tremolo instrument having 10 double holes, 32 reeds, finely nickel plated, covers with ebonite ends, mounted on fancy lumed rack, with appropriate design in six different colors. ALL KEYS ..... Per doz. 17.50

C1108—AUTO VALVE HARP—Genuine Hohner Harmonica, assorted keys, 10 double holes, 40 reeds, brass plates, nickel plated covers, fancy cornet style ends, with automatic valve device, easy to blow as any single reed mouth organ, each in a fine lumed covered box. ALL KEYS ..... Per doz. 19.20

C3810—ECHOPHONE—Shape of a cartridge shell in gun metal or nickel finish engraving and lining, with 10 holes, 20 reeds, brass plates. ALL KEYS. Each in box...Per doz. 19.00



C471½—"UP TO DATE"—Genuine Hohner Harmonica. This harmonica is made up with 12 double holes, 48 reeds, brass plates, nickel plated reeds. Made in following keys, A & D—C & G. Length, 8½ inches Per doz. 43.20

R.&B. A-1.

Lyric

PLATINUM FINISH

SILVER PLATE

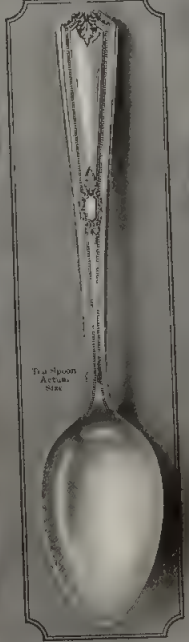
All staple pieces are stamped R & B A 1, and guaranteed to be plated EXTRA PLATE which is 25% heavier than standard plate EXTRA PLATE tea spoons will strip for dwts. of silver to the gross other staple pieces in proportion

Baby Spoon
One in lined box — Last each $ 60 — Retail $ 45

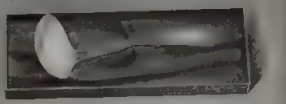
Berry Spoon
One in lined box — Last each $1 65 — Retail $1 15

Butter Spreaders — Last — Retail
One dozen in lined box — per doz $5 75 — $4.30
Half dozen in lined box — per doz 6 25 — 4 60

Orange Spoons — Last — Retail
One dozen in lined box — per doz $8.90 — $4.20
Half dozen in lined box — per doz 6.25 — 4.50

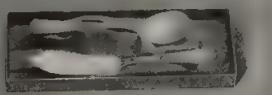


Tea Spoon
Actual size



Tea Spoons
One each in lined box — Last — Retail
Cream, Plain — each $ 75 — $ 50
Cream, Fancy — each 1 00 — 75
Medium Soup — each 1 1 — 2 75

Cold Meat Fork — Last — Retail
One in lined box — each $1 10 — $ 85



No. 147 Butter Knife and Sugar Shell — Last — Retail
Two pieces in lined box — per set $1 50 — $1 00

Butter Knife Bent Handle
One dozen in lined box — per doz 6 00 — 4 00
One each in lined box — each 75 — 50

Sugar Shell
One dozen in lined box — per doz 6 25 — 4 50
One each in lined box — each 90 — 60

Individual Salad Forks — Last — Retail
One dozen in velvet lined box — per doz $8 00 — $5 50
Half dozen in lined box — per doz 4 50 — 3 00

PIECES NOT ILLUSTRATED

Spoons

	Last	Retail
Tea or Coffee, Engraved or Plain, per dozen	$3 25	$2 00
Dessert or Table, Engraved or Plain, per dozen	7 50	4 75
Table or Dessert, Fancy Pattern, per dozen	9 00	5 00
Bouillon, Plain or Fancy, per dozen	6 50	4 00
Bouillon, Gilt Bowl, per dozen	6 50	4 00
Mustard, Gilt Bowl, per dozen	4 25	2 50
Coffee or Tea Measuring Spoon, per dozen	4 25	2 50
Salt, Individual, Engraved or Plain, per dozen	2 50	1 50
Salt, Individual, Fancy Pattern, per dozen	3 00	2 00
Egg, Individual, Engraved or Plain, per dozen	1 75	1 10
Egg, Individual, Fancy Pattern, per dozen	2 00	1 25

Forks

Medium, one dozen in lined box, per dozen	$6 25	$3 00
Dessert, one dozen in lined box, per dozen	9 00	4 00
Oyster, Individual, Engraved or Plain, per dozen	3 75	2 50
Oyster, Individual, Fancy Pattern, per dozen	4 25	3 00
Pickle, Engraved or Plain, per dozen	3 00	2 00
Pickle, Fancy Pattern, per dozen	3 00	2 50

Solid Handle Steel Knives Silver Plated

	Last	Retail
Medium, R & B A 1 Steel, per dozen	$ 10	$ 7 50
Dessert, R & B A 1 Steel, per dozen	15 00	9 50
Medium, R & B A 1 Steel, per dozen	12 00	7 50
Dessert, R & B A 1 Steel, per dozen	9 00	7 00
Individual Steak Set, French Ivory, Packed in case	6 00	4 50
Individual Steak Set, French Ivory, Packed in case, per dozen	24 00	18 00
Hollow Handle Breakfast Knives, Steel Blades, per dozen	24 00	18 00
Hollow Handle Breakfast Knives, Steel Blades, Packed in dozens, per dozen	27 00	21 00

Miscellaneous

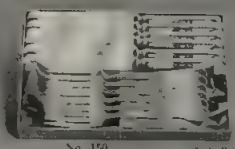
Sugar Tongs, one in lined box, each	$ 2	$ 1 25
Butter Knife, one in lined box, each	1 50	1 00

INTERNATIONAL SILVER CO.

R.&B. A-1.

Lyric

PLATINUM FINISH
SILVER PLATE



No. 150

		Last	Retail
Six Medium Knives and Medium Forks, in rack for Table Knives	per set	$8.58	$6.10
With 6 dwt. Knives	per set	7.18	5.60

No. 150 D

		Last	Retail
Six Dessert Knives and Dessert Forks, in rack for Dessert Knives	per set	7.58	5.80
With 6 dwt. Knives	per set	6.72	5.00

No. 150 in Sets
Three pieces. Fancy lined box.
Packed six dozen sets in carton

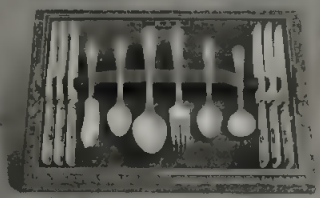
	Last	Retail
per set	$1.35	$1.00

Baby sets in Fancy Lined Boxes
Educator sets, Spoon and Fork in
Fancy Jersey Sleeve.
Packed one dozen sets in carton

	Last	Retail
per set	$1.35	$0.50
per set	1.80	0.80

No. 628 in Service Case

	Last	Retail
Twenty-six pieces consisting of Tea Spoons and Table Spoons and Solid Handle Medium Knives and Medium Forks and one Butter Knife and one Sugar Shell	$34.02	$10.50
Twenty-six pieces set same as above with 12 dwt. Knives	38.82	11.95

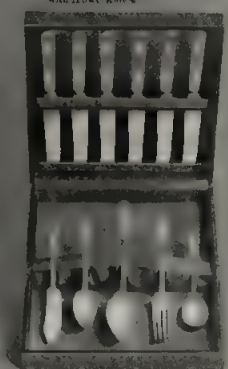


No. 1635 in Service Tray Removable Pad

	Last	Retail
With Twenty-six pieces consisting of Tea Spoons and Table Spoons and Solid Handle Medium Knives and Medium Forks and one Butter Knife and one Sugar Shell	$17.66	$13.00
Twenty-six pieces set same as above with 12 dwt. Knives	19.86	14.00

No. 1 Dozen Sets in Paper Cases 26 pieces

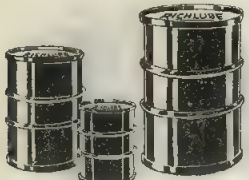
	Last	Retail
Contain six Tea Spoons and six Table Spoons and Solid Handle Knives and Medium Forks and one Butter Knife and one Sugar Shell	15.18	$11.10
Twenty-six pieces set same as above with 12 dwt. Knives	16.74	12.00



No. 1 Dozen Sets in Leather Cases 26 pieces

	Last	Retail
Twenty-six pieces consisting of Tea Spoons and Table Spoons and Solid Handle Medium Knives and Medium Forks and one Butter Knife and one Sugar Shell	16.18	$11.70
Twenty-six pieces set same as above with 12 dwt. Knives	17.78	12.50

L RICHFIELD SPECIAL OIL



RED ENGINE AND JOURNAL OIL

A rich red, pure mineral oil sold in medium and heavy grades. This product is manufactured from finest stock; will lubricate perfectly and give complete satisfaction.

Medium

NO.	Container	Cans In Case	lb Case	GALLON
1RREM	1 gal. Can	12	120	$0.80
5RREM	5 gal. Can	2	90	.60
15RREM	15 gal. Drum	..	130	.75
55RREM	55 gal. Drum	..	450	50

Heavy

NO.	Container	Cans In Case	lb Case	GALLON
1RREH	1 gal. Can	12	120	$0.85
5RREH	5 gal. Can.	2	90	.65
15RREH	15 gal. Drum	....	130	.70
55RREH	55 gal. Drum	....	450	55

PENETRATING

A light non-viscous mineral oil product particularly effective in such work as requires a lubricant or loosening agent that will penetrate rapidly and thoroughly.

NO.	Container	Cans In Case	lb Case	GALLON
1RP	1 gal. Can	12	120	$0.80
5RP	5 gal. Can	2	90	.65
15RP	15 gal. Drum	..	130	.60
55RP	55 gal. Drum	..	450	55

GRAPHITE SPRING LUBRICANT

A product specially manufactured to penetrate effectively and lubricate spring leaves thoroughly. Through the use of this lubricant, life of springs are materially increased, in addition to eliminating squeaks that are common in this part of an automobile.

NO.	Container	Cans In Case	lb Case	GALLON
1RGS	1 gal. Can	12	120	$3.00
5RGS	5 gal. Can	2	90	2.50

A charge of $6.00 will be made for 55-gallon steel drum.

CASTOR MACHINE

Light amber color; for all machinery and engines with loose journals.

NO.	Container	Cans In Case	lb Case	GALLON
1RCM	1 gal. Can	12	120	$0.70
5RCM	5 gal. Can	2	90	.55
15RCM	15 gal. Drum	....	130	.75
55RCM	55 gal. Drum	....	450	.50

COMPRESSOR OIL

A high grade lubricant with high flash and low fire. Specially adapted to meet requirements for compressor lubrication, having no free carbon and being particularly made to stand the dry heat encountered in this type of equipment.

NO.	Container	Cans In Case	lb Case	GALLON
1RCOM	1 gal. Can	12	120	$0.85
5RCOM	5 gal. Can	2	90	.75
15RCOM	15 gal. Drum	....	130	.80
55RCOM	55 gal. Drum	...	450	70

DYNAMO OIL

A special oil for dynamos, generators and electrical motor lubrications.

NO.	Container	Cans In Case	lb Case	GALLON
1RD	1 gal. Can	10	100	$1.25
5RD	5 gal. Can	2	90	1.00

FLOOR OIL

Floor oil is specially intended to serve as a preservative for wood and at the same time keep down dust to a minimum. Richfield floor oil penetrates quickly and gives a maximum amount of preservation to floors that are treated with this product.

NO.	Container	Cans In Case	lb Case	GALLON
1RF	1 gal. Can	12	120	$0.80
5RF	5 gal. Can	2	90	.65
15RF	15 gal. Drum	....	130	.75
55RF	55 gal. Drum	....	450	60

No charge will be made for 15-gallon steel drum.

No credit allowed for return of 15-gallon drums.

A credit for the amount will be passed if 55-gallon drum is returned—transportation prepaid.

RICHFIELD SPECIAL OIL L

SOLUBLE OIL

Richfield soluble oil is a heavy body oil of dark ruby color which will mix thoroughly in any proportion with water, turning immediately to a milk white solution. This high grade oil is recommended for use on high carbon steel for turning, milling and grinding. No soluble oil can equal this product in its ability to carry such a large proportion of water.

NO.	Container	Cans In Case	lb Case	GALLON
1RSO	1 gal. Can	12	120	$1.05
5RSO	5 gal. Can	2	90	.95
15RSO	15 gal. Drum		130	1 00
55RSO	55 gal. Drum		450	.85

CUTTING OIL

Contains no harmful chemicals and is highly recommended for use on all types of automatic machines, turret machines, gear cutters, broaching machines, gear shapers, etc. This moderately priced oil has proven an ideal substitute for lard oil and in many classes of work will produce even a smoother finish.

NO.	Container	Cans In Case	lb Case	GALLON
1RCUT	1 gal. Can	12	120	$1.00
5RCUT	5 gal. Can	2	90	.80
15RCUT	15 gal. Drum		130	.90
55RCUT	55 gal. Drum		450	.75

TEMPERING OIL

Steel as it comes from the quenching bath is invariably both too hard and too brittle, and the purpose of tempering oil is to serve as a medium to destroy some of the hardness and brittleness, but at the same time increase the elasticity of the steel without materially changing the grain structure of the metal. Richfield Tempering Oil is so manufactured as to very adequately meet requirements as stated above

NO.	Container	Cans In Case	lb Case	GALLON
1RTEM	1 gal. Can	12	120	$1.00
5RTEM	5 gal. Can	2	90	.80
15RTEM	15 gal. Drum		130	90
55RTEM	55 gal. Drum		450	.75

QUENCHING OIL—NO. 1

The object of quenching steel is to arrest the grain structure of the metal at its greatest point of efficiency. To meet requirements as above, Richfield Quenching Oil, No. 1, having a specially high flash point is particularly suited to producing uniformity in hardness of the steel that is treated.

NO.	Container	Cans In Case	lb Case	GALLON
1RQ1	1 gal. Can	12	120	$1.10
5RQ1	5 gal. Can	2	90	.90
15RQ1	15 gal. Drum		130	.95
55RQ1	55 gal. Drum		450	.80

A charge of $6.00 will be made for 55-gallon steel drum. No charge will be made for 15-gallon steel drum.

A credit for the amount will be passed if 55-gallon drum is returned—transportation prepaid.

No credit allowed for return of 15-gallon drums.

QUENCHING OIL—NO. 2

Richfield No. 2 Quenching oil has the same high quality as No. 1, but is a slightly harsher oil. Same uniform results are obtained, however, providing the bath is kept at a moderate temperature.

NO.	Container	Cans In Case	lb Case	GALLON
1RQ2	1 gal. Can	12	120	$1.00
5RQ2	5 gal. Can	2	90	.80
15RQ2	15 gal. Drum		130	.90
55RQ2	55 gal. Drum		450	.75

ICE MACHINE OIL

Sold in two grades—medium and heavy, and manufactured to particularly meet the requirements of refrigerating machinery. This type of machinery requires oil that will not congeal at very low temperature, that is free from animal fats and high enough in flash to vaporize readily. Both grades of Richfield Ice Machine Oil have a zero cold test, and conform to requirements for ice machine lubrication as stated above.

Medium

NO.	Container	Cans In Case	lb Case	GALLON
1RIM	1 gal. Can	12	120	$0.85
5RIM	5 gal. Can	2	90	.75
15RIM	15 gal. Drum		130	.80
55RIM	55 gal. Drum		450	65

Heavy

NO.	Container	Cans In Case	lb Case	GALLON
1RIH	1 gal. Can	12	120	$0 85
5RIH	5 gal. Can	2	90	75
15RIH	15 gal. Drum		130	.80
55RIH	55 gal. Drum		450	.65

SEPARATOR OIL

This product is a pure mineral oil, pale amber in color, specially manufactured for the lubrication of hand power cream separators. To adequately meet requirements for lubrication of separators a free flowing pure mineral oil that will not gum should be used and for this purpose we recommend Richfield Hand Separator Oil.

For Hand Machine

NO.	Container	Cans In Case	lb Case	GALLON
1RHS	1 gal. Can	12	120	$0 85
5RHS	5 gal. Can	2	90	.75
15RHS	15 gal. Drum		130	.80
55RHS	55 gal. Drum		450	.65

For Power Machine

NO.	Container	Cans In Case	lb Case	GALLON
1RPS	1 gal. Can	12	120	$0 85
5RPS	5 gal. Can	2	90	.75
15RPS	15 gal. Drum		130	.80
55RPS	55 gal. Drum		450	.65

A charge of $6.00 will be made for 55-gallon steel drum. No charge will be made for 15-gallon steel drum.

A credit for the amount will be passed if 55-gallon drum is returned—transportation prepaid.

No credit allowed for return of 15-gallon drums.

★ROGERS & BRO. A-1

TRADE MARK

EMPIRE

Plate on Fine Grade

SILVER PLATE

Every article bearing this celebrated Trade Mark ★ROGERS & BRO. A-1 is Heavily Silver Plated on highest grade Nickel Silver Base and guaranteed with the manufacturers, to last a lifetime. The world knows that this has been a continuous sale for more than 60 years.

Furnished in the complete line A-1 All Sectional Plate

		Prices Per doz List	Retail
Tea Spoons	½ doz. in satined box	$ 8 75	$ 5 00
Dessert "	" " " "	11 76	9 00
Table "	" " " "	14 12	10 00
Soup Spns. Round Bowl	½ doz. in satined box	13 12	10.00
Soup Spns. Round Bowl	½ doz. in Blue Velvet Lined Box	14 74	11 00
Dinner Forks	½ doz. in satined box	13 12	10 00
Dessert Forks	" " " "	11 76	9 00

Heather Handle Cutlery

Knives packed 6 in Blue Velvet Lined Box

Dinner Kns.	Plated French Blades	24 76	20.00
Dinner Kns	French Stainless Blades	25 60	22.00
Dessert Kns	Plated French Blades	24.14	19.00
Dessert Kns	French Stainless Blades	27 58	24.00
Breakfast Kns	Plated French Blades	24 44	20.00
Breakfast Kns	French Stainless Blades	28 36	25.00

6 ea. Each Knives and Forks in Blue Velvet Lined Box — *Prices Per Set* List / Retail

Set No. 1835	Dinner French Blades	$18 24	15.00
No. 1845	Bkft " "	16 70	14.00
No. 1855	Dessert " "	16 00	14 00

Above sets with Knives of Stainless Steel Blades $2 set list and net prices. Retail $1 per set extra.

Carving Sets	3 Pc. Stainless Steel Blades	19 56	16 00
Bird Sets	2 Pc. Stainless Steel Blades	9 78	7 50

Sand Handled Cutlery

		Prices Per doz List	Retail
813	Dinner Kns. Plated French Blades	0 ver	8.00
8121	Dinner Kns. Stainless French Blades	17 48	14.00
814	Dessert Kns. Plated Blades	0 ver	8.00
815	Bkft. Kns. Stainless Serrated Blades		
		Plated 12.00	8.00

Pieces not illustrated, can be obtained in same pattern

		List	Retail
Orange Spoon	Set of 6 pcs.		
	Blue Velvet Lined Box per set	24 76	5.25
Bouillon Spoons	Set of 6 pcs.		
	Blue Velvet Lined Box per set	6 24	4 50
Oyster Forks	Set of 6 pcs.		
	Blue Velvet Lined box per set	9 36	3 50
Jelly Knife	in Blue Velvet Lined box	each 2.08	1 75

Illustrations Actual Size

Dinner Fork

Tea Spoon

H. H. Dinner Knife

S. H. Dinner Knife

INTERNATIONAL SILVER CO.

★ROGERS & BRO. A-1
TRADE MARK

EMPIRE
PATTERN
PLATINUM FINISH

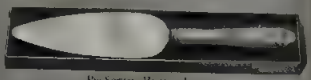
Set as in blue velvet lined box, per set — Last Retail $5.00 $4.00

One each in blue velvet lined box
Ruby Set: Spoon and Fork Platter, per set — Last Retail $1.75 $1.40

Set as in blue velvet lined box, per set — Last Retail $6.50 $5.20

Meat Fork
One each in blue velvet lined box, each — Last Retail $1.25 $1.00

Roast Fork
Spoon and Fork in blue velvet lined box, per set — Last Retail $1.75 $1.40



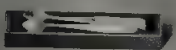
Pie Server, Hollow Handle
In blue velvet lined box, each — Last Retail $2.50 $2.00

Table Spoon
One each in blue velvet lined box, each — Last Retail $2.50 $2.00

Child's Set, Knife, Fork, Spoon
In blue velvet lined box, per set — Last Retail $2.75 $2.20

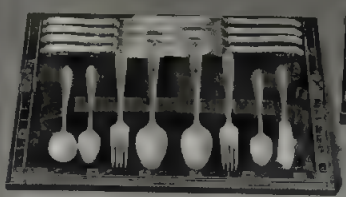
Tomato or Sugar Sifter
In blue velvet lined box, each — Last Retail $2.75 $2.20

Butter Knife and Sugar Shell
In blue velvet lined box, per set — Last Retail $2.50 $2.00



Sugar Tongs
One each in blue velvet lined box, each — Last Retail $2.50 $2.00

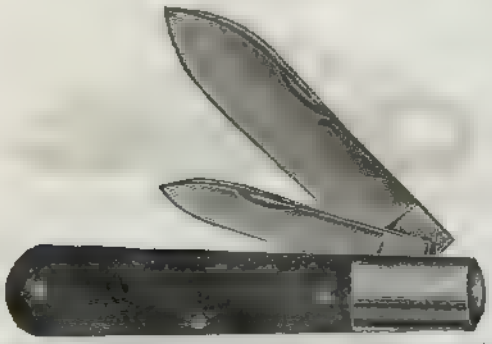
Ladles
One each in blue velvet lined box
Cream, each — Last Retail $1.50 $1.25
Gravy, each — 2.00 1.60
Medium, each — 6.00 4.80



One each in blue velvet lined box, per set — Last Retail $5.00 $4.00

Combination Sets consisting of 26 to 65 pieces can also be supplied in attractive chests and cases.

POCKET KNIVES
—PINE KNOT—



Steel lining; polished steel bolster; highly glazed; black inside.

	Per Doz
No. 448—Bone handle; length 3 ins	$6 75

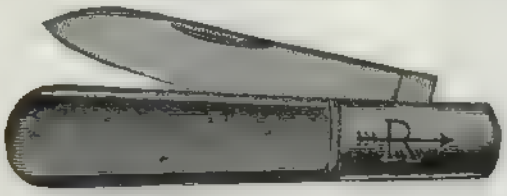
MAIZE CUTTING

One special maize cutting blade, glazed, length 2 inches.

	Per Doz
No. 80R—Redwood handle; length 4 ins	$12 75

Half doz in attractive cardboard box.

RUSSELL BARLOWS

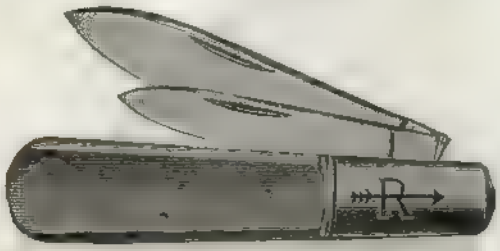


Illustrating No. 60.

Bone handle; steel lining and bolster. Length 3⅜ inches.

	Per Doz
No. 60—With spear point blade	$9 75
No. 63—With sheep foot blade	9 75
No. 65—With clip point blade	9 75

One doz in cardboard box.



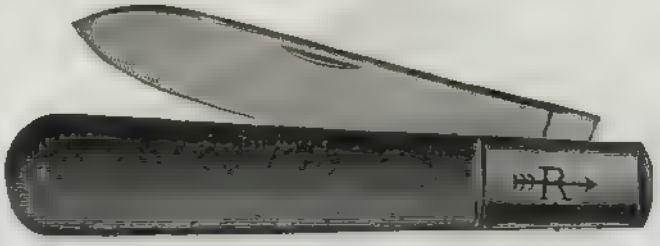
Illustrating No. 62.

Bone handle; steel lining and bolster. Length 3⅜ inches.

	Per Doz
No. 62—With spear point blades	$13 50
No. 64—With sheep foot blades	13 50
No. 66—With clip point blades	13 50

One doz in cardboard box.

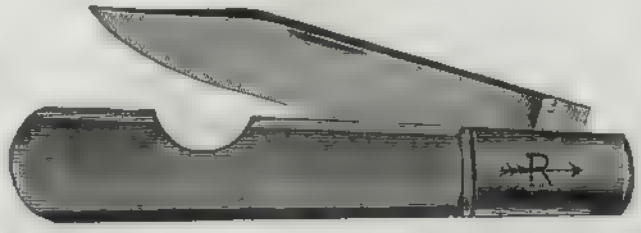
POCKET KNIVES
RUSSELL BARLOWS



Illustrating No. 601.

Bone handle; steel lining and bolster.

	Per Doz
No. 601—With spear point blade; length 5 ins	$24 00
No. 600—With clip point blade; length 5 ins	24 00



Illustrating No. 6000.

Easy opener; bone handle; steel lining and bolster.

	Per Doz
No. 6000—With clip point blade; length 5 ins	$24 00
No. 6010—With spear point blade; length 5 ins	24 00

SCHRADE
SAFETY PUSH BUTTON KNIVES

Push button with locking device; steel lining; steel bolster; glazed finish.

	Per Doz
No. 1553¾—Stag handle, clip blade; length 4¼ ins	$36 00

Push button with locking device; clip blade; steel lining; steel bolster; glazed finish.

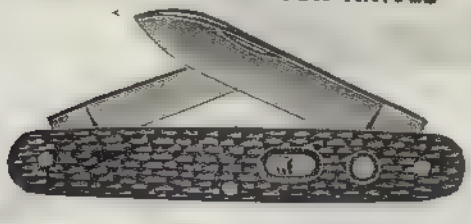
	Per Doz
No. 1543¾—Stag handle; length 4⅛ ins	$39 00

Half doz in attractive cardboard box.

POCKET KNIVES

SCHRADE

SAFETY PUSH BUTTON KNIVES

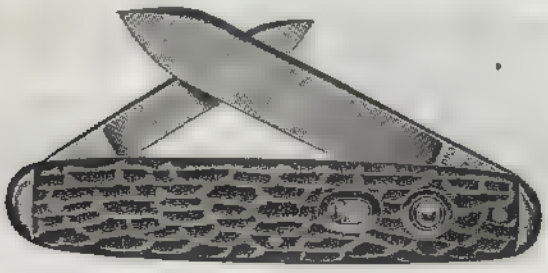


Push button; brass lining; two spear point blades.

	Per Doz
No. 7403—Stag handle; length 3⅜ ins	$34 50

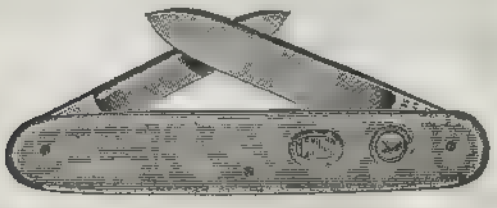
Push button; brass lining; spear point blades; nickel silver tips.

	Per Doz
No. 7404ST—Gold shelled handle; length 3⅜ ins	$37 50



Push button; spear point blades; iron lining; nickel silver bolster.

	Per Doz
No. 7503T—Stag handle; length 3¾ ins	$42 00



Push button; spear point blades; shadow pattern. Length 3⅜ inches.

	Per Doz
No. 7406—Pearl handle	$96 00
No. 740-SSD—Sterling silver engraved handle	75 00
No. 7404-O—Opal pyralin	34 50
No. 7404-H—Horn handle	34 50
No. 7404-GP—Pyralin handle	34 50

Half doz in attractive cardboard box.

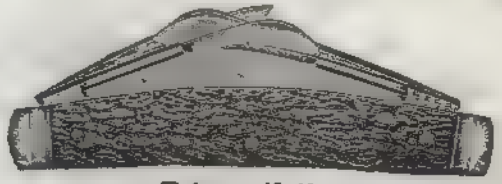
POCKET KNIVES

GEORGE WOLSTENHOLM AND SON

Tobacco Knife.

Brass lining; polished steel bolsters; highly glazed.

	Per Doz
No. 2193—Stag handle; length 4 ins	$111 00



Tobacco Knife.

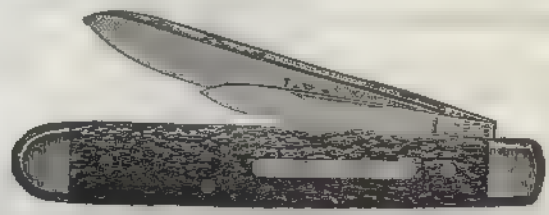
Brass lining; polished steel bolsters; highly glazed.

	Per Doz
No. 2191—Stag handle; length 3½ ins	$99 00

Congress Knife.

Brass lining; polished steel bolsters; highly glazed.

	Per Doz
No. 2154—Stag handle; length 3 1/16 ins	$57 00



Brass lining; nickel silver bolster cap and shield.

	Per Doz
No. 17003G—Stag handle; length 3⅜ ins	$84 00

Office Knife.

Brass lining; highly glazed.

	Per Doz
No. 16584—White celluloid handle; length 3¾ ins	$64 50

Half doz in attractive cardboard box.

TUDOR PLATE

By the makers of Community Plate

Enchantment Design

BUFFET SERVICE TRAYS — Assortments

39 Pieces, set for 6	*Retail*	*List*
Embossed Hdle., Stainless	$17.75	$ 22.92
Embossed Handle, Plated	15.00	19.32
Hollow Handle, Stainless	21.75	28.10
53 Pieces, set for 8	*Retail*	*List*
Embossed Hdle., Stainless	$23.00	$29.64
Embossed Handle, Plated	19.25	24.80
[illegible]	28.25	36.52

Dinner Knife

Dinner Fork

Tea Spoon

Table Spoon

COLOR MODE FREE CHESTS

With Dinner Knives

29 Pieces, set for 6	*Retail*	*List*
Embossed Hdle., Stainless	$16.75	$21.30
Embossed Handle, Plated	14.00	17.70
Hollow Handle, Stainless	20.75	26.50

34 Pieces, set for 8	*Retail*	*List*
Embossed Hdle., Stainless	$21.75	$27.76
Embossed Handle, Plated	18.25	22.98
Hollow Handle, Stainless	27.25	34.72

25 YEAR REPLACEMENT GUARANTEE

SPOONS

Six in Box—Priced per Dozen

	Retail	*List*
Tea	$3.50	$ 4.36
Dessert	7.00	8.72
Table	7.00	8.72
Soup, R. B.	7.00	8.72

FORKS

Six in Box—Priced per Dozen

	Retail	*List*
Dinner	$7.00	$8.72
Dessert	7.00	8.72

KNIFE AND FORK SETS

6 Stainless Blade Knives and 6 Forks

Priced, per set	*Retail*	*List*
Embossed Handle Dinner Knives	$ 7.25	$ 9.26
Hollow Handle Dinner Knives	14.00	18.06
Hollow Handle Dessert or Breakfast Knives	14.00	18.06

KNIFE AND FORK SETS

6 Plated Blade Knives and 6 Forks

Priced, per set	*Retail*	*List*
Embossed Handle Dinner Knives	$ 7.25	$ 9.26
Embossed Handle Dessert Knives	7.25	9.26
Hollow Handle Dinner Knives	13.50	17.42
Hollow Handle Dessert Knives	13.50	17.42

KNIVES Stainless Blades

Priced, per dozen	*Retail*	*List*
Embossed Handle Dinner	$13.00	$16.92
Hollow Handle Dinner	21.00	27.36
Hollow Handle Dessert	21.00	27.36

KNIVES (Plated Blades)

Priced, per dozen	*Retail*	*List*
Embossed Handle Dinner	$7.50	$9.76
Embossed Handle Dessert	7.50	9.76
Embossed Handle Fruit	7.50	9.76
Hollow Handle Dinner	20.00	26.08
Hollow Handle Dessert	20.00	26.08

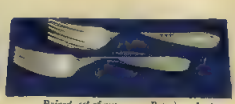
TUDOR PLATE

By the makers of Community Plate

Enchantment Design

Sugar Spoon each . . $ .75 $ .94

Priced each — *Retail* — *List*
Berry or Serving Spoon . $2.00 $2.50



Priced, set of six — *Retail* — *List*
Individual Salad Forks $5.00 $6.26

Butter Knife each . . $ .75 $ .94
Butter and Sugar set . 1.50 1.88

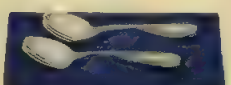
Priced each — *Retail* — *List*
Cold Meat or Serving Fork . $1.25 $1.56
Small Cold Meat Fork 1.25 1.56

Priced, set of six — *Retail* — *List*
Iced Tea or Iced Drink Spoons $3.25 $4.06

Priced, set of six — *Retail* — *List*
Oyster or Seafood Forks . . $3.50 $4.36

BABY SPOONS AND FORKS

In Brightly Decorated Boxes — *Retail* — *List*
Spoon, Bent Handle each . . $ .50 $ .63
Spoon, Straight Handle each .50 .63
Fork, Straight Handle, each .50 .63
Fork and Bent Spoon set . 1.00 1.25
Fork and Straight Spoon, set 1.00 1.25



Priced, set of six — *Retail* — *List*
Orange or Grapefruit Spoons $3.25 $4.06

Priced, set of six — *Retail* — *List*
Ice Cream or Sundae Spoons $3.25 $4.06

Priced, set of six — *Retail* — *List*
Individual Butter Spreaders $4.50 $5.64

CHILD'S SETS

In Brightly Decorated Boxes — *Retail* — *List*
Spoon Fork and Flat Knife, set $2.00 $2.50

Priced, set of six — *Retail* — *List*
Bouillon or Consomme Spoons $3.75 $4.70

Priced, set of six — *Retail* — *List*
5 O'Clock Tea Spoons . $2.00 $2.50
Coffee Spoons 2.00 2.50

Priced each — *Retail* — *List*
Jelly Server $1.25 $1.56

CARVERS
Stainless Blade Knife

For Steak or Game — *Retail* — *List*
2-Piece Hollow Handles, set . . . $6.75 $8.80

Priced, each — *Retail* — *List*
Jam or Conserve Spoon $1.00 $1.25

Priced each — *Retail* — *List*
Pickle or Olive Fork . $1.00 $1.25

Priced — *Retail* — *List*
Sugar Tongs, each $1.25 $1.56

Priced, each — *Retail* — *List*
Pierced Round Server . . $2.25 $2.82

LADLES

Priced each — *Retail* — *List*
Salad Dressing or Small . $1.25 $1.56
Serving or Gravy . . . 1.75 2.19
Medium Soup or Serving 4.50 5.63

Priced, each — *Retail* — *List*
Pierced Pastry Server . . $3.00 $3.75

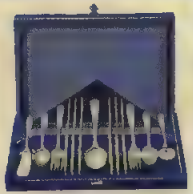
TUDOR PLATE

By the makers of Community Plate

Queen Bess Design

BUFFET SERVICE TRAYS

29 Pieces as set for 6	Retail	List
Embossed Hdle., Stainless	$17.75	$ 22.92
Embossed Handle, Plated	15.00	19.52
Hollow Handle, Stainless	21.75	28.10
33 Pieces as set for 8	Retail	List
Embossed Hdle., Stainless	$22.00	$29.64
Embossed, Handle, Plated	18.25	24.80
Hollow Handle, Stainless	28.25	36.8[illegible]



COLOR-MODE FREE CHESTS

With Dinner Knives

29 Pieces (set for 6)	Retail	List
Embossed Hdle., Stainless	$16.75	$21.50
Embossed Handle, Plated	14.00	17.70
Hollow Handle, Stainless	20.75	26.50
33 Pieces (set for 8)	Retail	List
Embossed Hdle., Stainless	$21.75	$27.76
Embossed Handle, Plated	18.25	22.98
Hollow Handle, Stainless	27.25	34.72

25 YEAR REPLACEMENT GUARANTEE

SPOONS

Size in Box—Priced per Dozen

	Retail	List
Tea	$5.50	$ 6.56
Dessert	7.00	8.72
Table	7.00	8.72
Soup, H. H.	7.00	8.72

FORKS

Size in Box—Priced per Dozen

	Retail	List
Dinner	$7.00	$8.72
Dessert	7.00	8.72

KNIFE AND FORK SETS

6 Stainless Blade Knives and 6 Forks

Priced, per set	Retail	List
Embossed Handle Dinner Knives	$10.00	$12.84
Hollow Handle Dinner Knives	14.00	18.06
Hollow Handle Dessert or Breakfast Knives	14.00	18.06

KNIFE AND FORK SETS

6 Plated Blade Knives and 6 Forks

Priced, per set	Retail	List
Embossed Handle Dinner Knives	$ 7.25	$ 9.26
Embossed Handle Dessert Knives	7.25	9.26
Hollow Handle Dinner Knives	13.50	17.42
Hollow Handle Dessert Knives	13.50	17.42

KNIVES (Stainless Blades)

Priced, per dozen	Retail	List
Embossed Handle Dinner	$13.00	$16.92
Hollow Handle Dinner	21.00	27.36
Hollow Handle Dessert	21.00	27.36

KNIVES (Plated Blades)

Priced, per dozen	Retail	List
Embossed Handle Dinner	$7.50	$9.76
Embossed Handle Dessert	7.50	9.76
Embossed Handle Fruit	7.50	9.76
Hollow Handle Dinner	20.00	26.08
Hollow Handle Dessert	20.00	26.08

TUDOR PLATE

By the makers of Community Plate

Queen Bess Design

Sugar Spoon, each . . *Retail* $ .75 *List* $ .94

Priced, each — *Retail* — *List*
Berry or Serving Spoon . . $2.00 — $2.50

Priced, set of six — *Retail* — *List*
Individual Salad Forks . . $5.00 — $6.25

Retail — *List*
Butter knife, each . . . $ .75 — $ .94
Butter and Sugar, set . . . 1.50 — 1.88

Priced, each — *Retail* — *List*
Cold Meat or Serving Fork . $1.25 — $1.56
Small Cold Meat Fork . . . 1.25 — 1.56

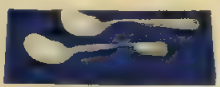
Priced, set of six — *Retail* — *List*
Iced Tea or Iced Drink Spoons — $3.25 — $4.06

Priced, set of six — *Retail* — *List*
Oyster or Seafood Forks . . . $3.50 — $4.36

BABY SPOONS AND FORKS

In Brightly Decorated Boxes — *Retail* — *List*
Spoon, Bent Handle, each . . $ .50 — $ .63
Spoon, Straight Handle, each . .50 — .63
Fork, Straight Handle, each . .50 — .63
Fork and Bent Spoon, set . . 1.00 — 1.25
Fork and Straight Spoon, set . 1.00 — 1.25

Priced, set of six — *Retail* — *List*
Orange or Grapefruit Spoons — $3.25 — $4.06



Priced, set of six — *Retail* — *List*
Ice Cream or Sundae Spoons — $3.25 — $4.06

Priced, set of six — *Retail* — *List*
Individual Butter Spreaders — $4.50 — $5.64

CHILD'S SETS

In Brightly Decorated Boxes — *Retail* — *List*
Spoon, Fork and Flat Knife, set — $2.00 — $2.50

Priced, set of six — *Retail* — *List*
Bouillon or Consomme Spoons — $3.75 — $4.70

Priced, set of six — *Retail* — *List*
8 O'Clock Tea Spoons . $2.00 — $2.50
Coffee Spoons . . 2.00 — 2.50

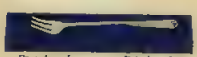
Priced, each — *Retail* — *List*
Jelly Server . . . $1.25 — $1.56

CARVERS

Stainless Blade Knife

For Steak or Game — *Retail* — *List*
2-Piece Hollow Handles, set . . . . . $6.75 — $8.50

Priced, each — *Retail* — *List*
Jam or Conserve Spoon $1.00 — $1.25



Priced, each — *Retail* — *List*
Pickle or Olive Fork . $1.00 — $1.25

Retail — *List*
Sugar Tongs, each $1.25 — $1.56

Priced, each — *Retail* — *List*
Pierced Round Server . . . $2.25 — $2.63

LADLES

Priced, each — *Retail* — *List*
Salad Dressing or Small . $1.25 — $1.56
Serving or Gravy . . 1.75 — 2.19
Medium Soup or Serving . 4.50 — 5.63

Priced, each — *Retail* — *List*
Pierced Pastry Server . . $3.00 — $3.75

Unusual Special Values in the Famous WHITE CROSS Electric Toasters, Waffle Irons and Waffle Service Sets

Portrayed below is an excellent showing of the famous "White Cross" product, accompanied with the "BLUE AND GOLD" Tag—a positive assurance of expert construction fine workmanship and faultless finish. A QUALITY WHICH NEVER DISAPPOINTS. THESE SPECIAL SETS SHOWN ARE IDEAL FOR GIFT PURPOSES

There is a real intrinsic value represented in this "White Cross" line which satisfies. You are positively assured your gift will appear twice the value you actually paid

GIFTS OF UTILITY

WHITE CROSS THREE-PIECE ELECTRIC WAFFLE BUFFET SET

Here is the ultimate in equipment to make those golden brown crisp waffles in the ELECTRIC way — so simple, so odd — and How Good They TASTE. This set comprises a beautifully polished nickel tray, a waffle set of artistic effect pattern, artistically designed in beautiful delicate blue, about 7¾ inches and a large size waffle iron — modern design with recessed handles and cord — match finished in matching nickel plate with the characteristic grids. Bakes the most golden brown waffles, both sides at once — does it faster and more delicately than the ordinary electric iron or toaster. The grid proper is 7¾ inches in diameter. Weight of Waffle Iron 6 lbs. Complete with six feet silk cord and two-piece plug

No. 7C2597S Per Set $17.50
(In lots of three) Per Set 16.65

THREE PIECE ELECTRIC WAFFLE SET No. 7C/154TS

This new ensemble portrayed above is an exceptionally good buy. It is the celebrated WHITE CROSS product, accompanied with the fine and gold tag to assure purchaser of artistic merit and satisfaction. The waffle iron bakes evenly rapidly and efficiently. It is handsome, polished nickel plate with black wood handles. Grids are "white cross" aluminum. The nickel-plated tray is the serving tray of heavy stock and measures 16 inches. The percolator is of attractive design, and is handsomely decorated. Has polished nickel plate with standard length cord and attachment plugs. Watts 660. A set that must be seen if you are bound to please the recipient. For great rabbit, and at the low cost present an unmatched value. Every factory profit assured. Shipping weight 11 lbs

No. 7C/154TS Complete Set $14.60
(In Lots of Three Sets) Per Set 13.35

WHITE CROSS ELECTRIC TOASTER

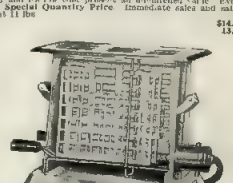
Here is an economical thoroughly dependable, medium priced electric toaster. It takes two full slices of bread without trimming and toasts evenly and quickly. Watts 300. Amps. 4.5, weight 5 lbs. Finished in heavy nickel plate complete with standard length heavy cord and two-piece plug. Packed one to a carton

No. 7C280 Each $5.70
(In lots of three) Each 5.35

WHITE CROSS ELECTRIC WAFFLE IRON

We offer this excellent table requisite to meet the demand for a dependable popular priced electric waffle iron. It is beautifully designed, easily operated and is finished in matching nickel plate. Bakes the most golden brown waffles, both sides at once — more and faster and more perfectly than the ordinary iron or toaster. The grid proper is 7 inches in diameter and is fitted in hinge and over-swinging pure aluminum grids of which many users claim is perfect batter. No grease required with these grids. Smoke and odor are entirely eliminated. Weight 5½ pounds. Complete with standard length cord and two-piece plug. A wonderful value.

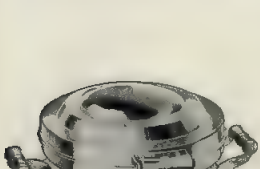
No. 7C186 Each $12.85
(In lots of three) Each 11.75



WHITE CROSS ELECTRIC REVERSIBLE TOASTER

This beautifully designed REVERSIBLE toaster, which conforms with the trend of table appointments is especially priced to be a portant selling. The two reversible meeting bars, one at each side, turn the toast quickly and evenly without handling. No sparing or matches to get out of order. Toasts two slices large slices of bread at the same time. Ventilated top keeps surplus heat warm, crisp and delicious. Contains chrome nickel heating element. Tampered, Pure fabricated switch. Highly polished nickel finish complete with cord and two-piece plug. Packed in neat carton printed in color. Shipping weight, 3 pounds.

No. 7C229 Each $7.80
In lots of three Each 6.65



WHITE CROSS ELECTRIC WAFFLE IRON
(Colonial Design)
(Has Colored Handles and Cord to Match)

This new addition to the White Cross family is offered in two sizes, as quoted. It is also equipped with design, constructed and finished, to add to the Made of heavy pressed steel to give a highly polished nickel finish. The base extends beyond the grid far enough to catch any surplus batter and a specially designed air chamber between the hot grid and base prevents any surplus batter from burning and keeps the intense heat of the grids from affecting the most highly polished table. No Grease—No Smoke—No Odor. Equipped complete with standard length cord and two-piece plug. Shipping weight, 6 lbs.

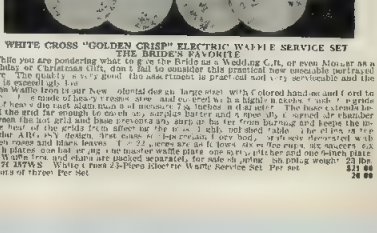
No. 7C258 Size of grids 7 inches Each $11.20
(In lots of three Each 10.70

SAME AS ABOVE EXCEPT LARGER
(Has Surrounding Groove and Wider Base)
Shipping weight, 7 lbs.

No. 7C257 Size of grids 7 inches Each $14.00
(In lots of three) Each 13.35

QUANTITY PRICES OFFERED TO HELP THE MERCHANT

During the Holiday period and early Spring, there is a steady demand for this class of merchandise, which is so appropriate for gift purposes. Wishing to help each and every Merchant and to foster the spirit of co-operation, we have especially priced each number in small quantities. We would urge you to place a small order for stock purposes with our assurance of a quick turnover and a satisfactory profit. Such items as these, when displayed, sell quickly, especially as Christmas or Wedding Gifts



WHITE CROSS "GOLDEN CRISP" ELECTRIC WAFFLE SERVICE SET
THE BRIDE'S FAVORITE

While you are pondering what to give a bride as a Wedding Gift, or even Mother as a shower. The quality is very good this assortment is practical and very serviceable and the cost is exceedingly low.

This Waffle Iron is our new colonial design large size with colored hand-mated cord to match. The handle of heavy pressed steel and covered with a highly polished nickel finish. The grids are of heavy die cast aluminum 8 of necessary 7¾ inches in diameter. The base extends beyond the grid far enough to catch any surplus batter and a specially designed air chamber between the hot grid and base prevents any surplus batter from burning and keeps the intense heat of the grids from affecting the most highly polished table. The edges of the popular ARCADY design. Heat guard on top of cover. Shipping weight 23 lbs.

The White Cross waffle and china are packed separately, for safe shipping. Each piece wrapped in tissue paper.

No. 7C 187WS White Cross 23-Piece Electric Waffle Service Set. Per Set $21.00
In lots of three Per Set 20.00

The Famous WHITE CROSS Electric Urn and Percolator Sets

This showing represents virtually the best product on the market in the popular priced field. Dollar for Dollar value nothing surpasses this famous WHITE CROSS line. For expert workmanship, careful finish, service and complete satisfaction, this product is in a class by itself. For Wedding, Birthday, Christmas or Anniversary Gifts, in which value seeking is primarily the main object, they immensely please donor and recipient alike.

GIFTS OF UTILITY

Below we illustrate and quote the NEW WHITE-CROSS COLD WATER TYPE URN AND PERCOLATOR SETS "WHICH MAKE BETTER COFFEE"

The glass pump in these coffee urn or percolators and automatically regulates the correct amount of boiling water and it all drips through the coffee in the basket, extracting every bit of the flavor and fragrance from the bean, as essential in making the best coffee.

The body color of the copper masterfully finished to a sparkling polished nickel, with matched sugars and creamers, which are of a featured, gold lined type. The insulated handles are always cool. All parts are assessable and very easily cleaned.

The WHITE-CROSS sets portrayed below are distinctly new this season. They are symmetrically designed, tall and graceful, and finished to the exacting "WHITE-CROSS" specifications and offered at exceptionally low prices, which comparison will reveal.

WHITE CROSS FOUR PIECE GRECIAN URN SET
Cold Water Type

We take pride in presenting to you the new addition to the White-Cross family. Its attractiveness as a set of service pieces needs no comment. Its positive satisfaction, value with price, in forming an ideal set with Electric Percolator known as client's appliances. Made of heavy copper and finished in polished nickel with sugar and cream pitcher gold lined. The Urn with cover measures 15 inches high, tray with bail feet is 16½ inches long, height of sugar and creamer 4 inches, weight in the tray will be 10 pounds, pleased to present your home with one of these attractive sets at a modest price, one which is a cherished Birthday or Wedding gift.

No. 7C297UTS	Complete Four Piece Electric Urn Set, per set	$33.60
	SEPARATE PIECES FURNISHED AT FOLLOWING PRICES	
No. 7C297	Urn Only, Each	$32.40
No. 7C298	Tray Only, Each	8.40
No. 7C289	Sugar and Cream Set, per set	3.80

WHITE CROSS FOUR PIECE GRECIAN PERCOLATOR SET
Cold Water Type

This new White Cross addition fills such a long felt want, the percolator is offered in two sizes viz: 6 and 8 cup capacities. Tall and graceful design, exclusively made of heavy copper and richly finished in sparkling polished nickel, these sets are unusual values at the low prices prevailing in this selling. 8-cup percolator measures 12 inches high and 6-cup measures 11½ inches high. Tray is 16 inches in length and sugar and cream measure 4 inches high. A set ready for use on any occasion.

No. 7C296TS	Complete Four Piece 8-cup Percolator Set, per set	$23.80
No. 7C295TS	Complete Four Piece 6-cup Percolator Set, per set	22.40
	SEPARATE PIECES FURNISHED AT FOLLOWING PRICES	
No. 7C296	Set 8-cup Percolator Each	$14.70
No. 7C295	Set 6-cup Percolator Each	13.30
No. 7C288	Tray only, Each	5.60
No. 7C287	Sugar and Cream Set, per set	3.90

WHITE CROSS ALUMINUM ELECTRIC PERCOLATOR SET—Hot Water Type

This Electric Percolator Set is made of heavy pure aluminum without seams, welds or rivets in bottom of pot. Have spray top fountain or pump, metallically sealed nichrome, moisture proof element. Furnished complete with standard length, asbestos covered heater cord with two-piece attachment and regular connecting plug.

FOUR PIECE ELECTRIC PERCOLATOR BUFFET SET

This set of distinctive, attractive water fountain type percolator set and the water heater on the coffee urn is the best coffee we have ever tasted. Here the water is boiled over the coffee grounds in the better percolator, hence quicker.

Finished, pots of 8 cup capacity, in the popular style, exquisite appearance of utility combined with beauty. Pots are of aluminum with heavy walls, welds, rivets or seams in bottom of pot. Equipped with the new patented spray top fountain or pump, thus the desirable WHITE CROSS metallically sealed Nichrome moisture-proof heating element as designed for the electric percolators. This element is guaranteed for two years. Height metal will not fail as in ordinary percolators. This element is guaranteed for two years. Height 12 inches, furnished with standard length cord with detachable two-piece plug. The 12½-inch size also has cord, and the larger cord results in keeping with designs of percolator, complete with plug, and four piece set.

No. 7C241TS	Complete Four Piece Electric Percolator Buffet Set, per set	$9.80
No. 7C241	Percolator only each	8.15

WHITE CROSS COPPER NICKEL PLATED ELECTRIC PERCOLATOR SETS
Hot Water Type

Like all famous "White Cross" Hot Water Type, Percolators, these newly designed sets, quoted below, are also equipped with New Patented Spray Top Fountain or Pump—a feature which prevents water from hitting glass top and delivers the water hotter on the coffee, thus making better coffee with less coffee, for the hotter the water is delivered on the coffee grounds, the better the extraction is, and quicker. Furnished complete with standard length, asbestos covered heater cord with two-piece attachment and regular connecting plug.

CHOICE OF TWO SIZES OF PERCOLATORS

FOUR PIECE ELECTRIC PERCOLATOR BUFFET SET
Furnished with choice of 6 or 8-Cup Percolators

This range grade set shows above is expertly executed of the very best stock and beautifully finished. Silver plated and hand polished. Tall and graceful design, exclusively made of heavy pure white copper and richly finished in sparkling polished nickel. Set has 6-cup percolator and 8-cup percolator. Tray is 16 inches in length and sugar and cream measure 4 inches high. A set ready for use on any occasion. Gift of utility and beauty. Ideal for Birthday, Christmas or Wedding Gifts.

No. 7C297TS	Complete Set with 8-cup Percolator, per set	$19.60
No. 7C297TS	Complete Set with 8-cup Percolator, per set	21.00
No. 7C291	6-cup Percolator only, each	10.50
No. 7C292	8-Cup Percolator, only each	11.90

An International Silver Co. Product

AMBASSADOR PATTERN

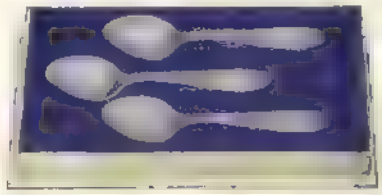
Six in Box

		Per Doz. List	Consumer
8401	Tea Spoons	$9.18	$7.50
8402	Dessert or Oval Soup Spoons	18.36	15.00
8403	Table or Serving Spoons	18.36	15.00
8404	Soup Spoons, Round Bowl	18.36	15.00
84005	Bouillon Spoons, Gift Box	17.74	14.50
8405	Dinner Forks	18.36	15.00
8406	Dessert or Luncheon Forks	18.36	15.00

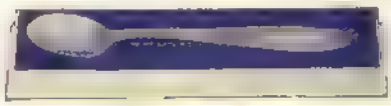
Solid Handle Knives

With Stainless Blades

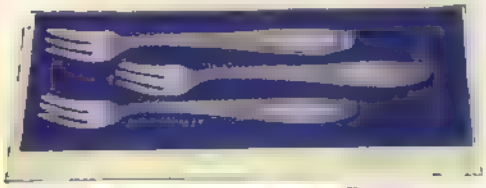
84472s	Dinner Knives	$18.28	$14.00
	The above knives have French shape blades		
84475s	Fruit Knives	16.32	12.50



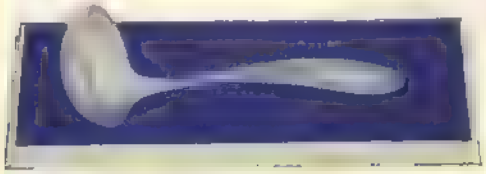
84008 Coffee Spoons
List, set of six, $4.59; Consumer, set of six, $3.75



84013 Olive Spoon
List, each, $2.15; Consumer, each, $1.75



84106 Oyster or Cocktail Forks
List, set of six, $6.45; Consumer, set of six, $5.25



84227 Gravy Ladle
List, each, $3.38; Consumer, each $2.75

84226 Mayonnaise or Sauce Ladle
List, each, $2.76; Consumer, each $2.25

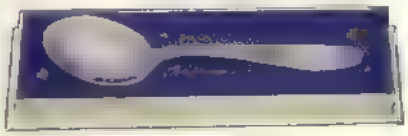
84254m Pie or Ice Cream Server, Mirror Finish Stainless Blade
List, each, $5.52; Consumer, each, $4.50

Like a true ambassador, the Ambassador *pattern worthily represents the great line of which it is a part*

Hollow Handle Knives

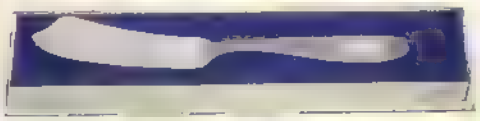
With Stainless Blades

		Per Doz. List	Consumer
84402m	Dinner Knives, Mirror Finish	$36.50	$28.00
84402s	Dinner Knives	31.30	24.00
84404m	Dessert or Luncheon Knives, Mirror Finish	36.50	28.00
84404s	Dessert or Luncheon Knives	31.30	24.00
	The above knives have French shape blades		
84406s	Fruit Knives	28.70	22.00
84208s	Tea or Salad Knives	28.70	22.00

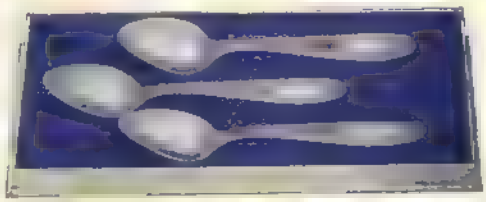


84017 Sugar Spoon
List, each, $1.53; Consumer, each, $1.25

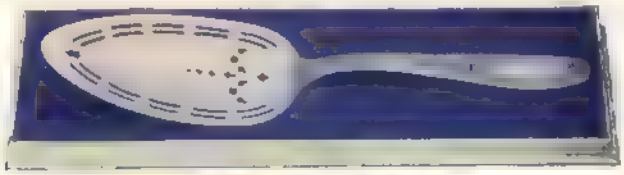
84301 Butter Knife and Sugar Spoon
List, set, $3.06; Consumer, set $2.50



84201 Butter Knife
List, each $1.53; Consumer, each, $1.25



84014 Orange or Grape Fruit Spoons
List, set of six, $7.05; Consumer, set of six, $5.75



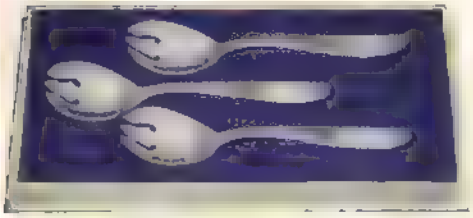
84253 Dessert Server
List, each, $5.22; Consumer, each, $4.25

.1847 ROGERS BROS.

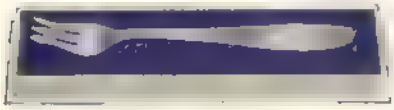
SILVERPLATE

6-29-10

AMBASSADOR PATTERN



84105 Ice Cream Forks
List, set of six, $7.68; Consumer, set of six, $6.25



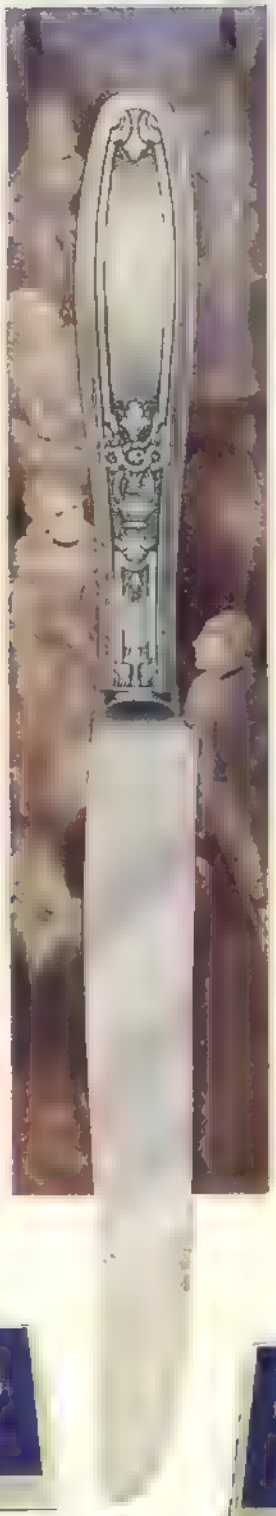
84108 Pickle Fork
List, each, $1.84; Consumer, each, $1.50

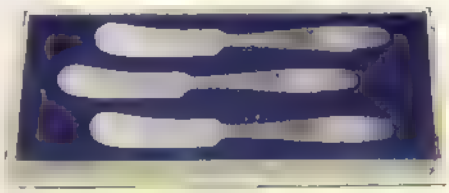
84204 Jelly Server
List, each, $2.15, Consumer, each, $1.75

Child's Sets
84353 Spoon, Fork and Hollow Handle Knife
List, set, $4.38; Consumer, set, $3.50
84352 Spoon, Fork and Flat Handle Knife
List, set, $3.68; Consumer, set, $3.00
84356 Spoon, Fork and Solid Handle Knife
List, set, $3.07; Consumer, set, $2.50

84252 Cucumber or Tomato Server
List, each, $3.99, Consumer, each, $3.25

84003 Berry or Salad Spoon
List, each, $4.30; Consumer, each, $3.50
84004 Berry Spoon, Small, or Preserver
List, each, $3.38; Consumer, each, $2.75

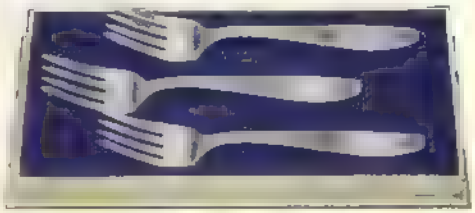




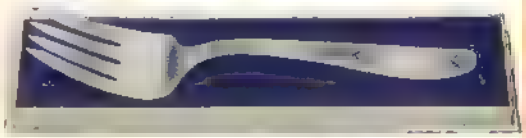
84202 Butter Spreaders
List, set of six, $7.68; Consumer, set of six, $6.25

[redacted] Baby Spoon, Bent Handle
List, each, $1.23, Consumer, each, $1.00
84002 Baby Spoon, Short Handle
List, each, $1.23; Consumer, each, $1.00

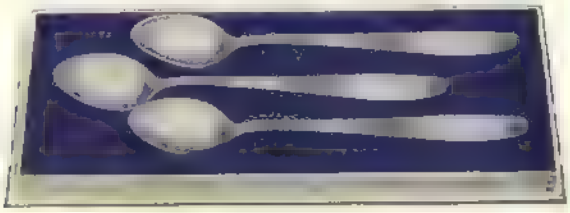
Baby Sets
84304 Baby Spoon and Fork, Short Handles
List, set, $2.46; Consumer, set, $2.00
84303 Baby Spoon and Food Pusher
List, set, $2.46; Consumer, set, $2.00



84111 Salad Forks, Individual
List, set of six, $9.18; Consumer, set of six, $7.50



84103 Cold Meat Fork
List, each, $3.07; Consumer, each, $2.50
84104 Cold Meat Fork, Small
List, each, $2.46; Consumer, each, $2.00



84012 Iced Tea Spoons
List, set of six, $7.36; Consumer, set of six, $6.00

.1847 ROGERS BROS.

SILVERPLATE

6-29-11

An International Silver Co. Product

ANCESTRAL PATTERN

Six in Box

		Per Dozen List	Consumer
8601	Tea Spoons	$9.18	$7.50
8602	Dessert or Oval Soup Spoons	18.36	15.00
8603	Table or Serving Spoons	18.36	15.00
8604	Soup Spoons, Round Bowl	18.36	15.00
86006	Cream Soup or Cereal Spoons, Gift Box	18.36	15.00
86005	Bouillon Spoons, Gift Box	17.74	14.50
8605	Dinner Forks	18.36	15.00
8606	Dessert or Luncheon Forks	18.36	15.00

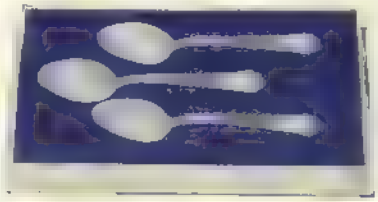
Solid Handle Knives

With Stainless Blades

86472s	Dinner Knives	$18.28	$14.00

The above knives have French shape blades

86475s	Fruit Knives	16.32	12.50



86008 Coffee Spoons
List, set of six $4.59; Consumer, set of six, $3.75

86013 Olive Spoon
List, each, $2.15; Consumer, each $1.75

86106 Oyster or Cocktail Forks
List, set of six, $6.45; Consumer, set of six $5.25

86227 Gravy Ladle
List, each, $3.38; Consumer, each, $2.75

86226 Mayonnaise or Salad Ladle
List, each, $2.76; Consumer, each $2.25

86254M Pie or Ice Cream Server, Mirror Finish Stainless Blade
List, each, $5.52; Consumer, each, $4.50

ANCESTRAL—a striking pattern that befits this finest silverplate—1847 Rogers Bros.—used by generations of hostesses

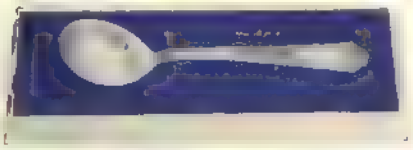
Hollow Handle Knives

With Stainless Blades

		Per Dozen List	Consumer
86402M	Dinner Knives, Mirror Finish	$36.50	$28.00
86402s	Dinner Knives	31.30	24.00
86404M	Dessert or Luncheon Knives, Mirror Finish	36.50	28.00
86404s	Dessert or Luncheon Knives	31.30	24.00

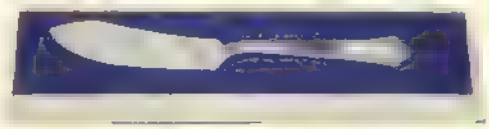
The above knives have French shape blades

86406s	Fruit Knives	28.70	22.00
86208s	Tea or Salad Knives	28.70	22.00

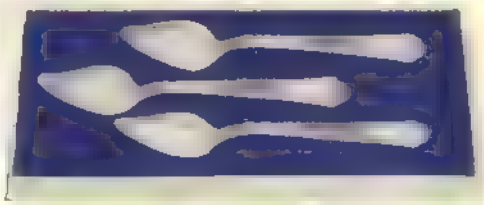


86017 Sugar Spoon
List, each, $1.53; Consumer, each, $1.25

86301 Butter Knife and Sugar Spoon
List, set, $3.06; Consumer, set, $2.50



86201 Butter Knife
List, each, $1.53; Consumer, each, $1.25



86014 Orange or Grape Fruit Spoons
List, set of six, $7.05; Consumer, set of six, $5.75

86253 Dessert Server
List, each $5.22; Consumer, each, $4.25

1847 ROGERS BROS.

SILVERPLATE

6-29-6

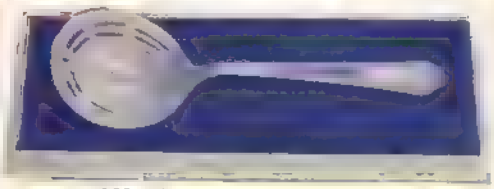
ANCESTRAL PATTERN

86105 Ice Cream Forks
List, set of six, $7.68; Consumer, set of six, $6.25

86108 Pickle Fork
List, each, $1.84, Consumer, each, $1.50

86204 Jelly Server
List, each, $2.15; Consumer, each, $1.75

Child's Sets
86352 Spoon, Fork and Flat Handle Knife
List, set, $3.68, Consumer, set, $3.00
86353 Spoon, Fork and Hollow Handle Knife
List, set, $4.38, Consumer, set, $3.50
86356 Spoon, Fork and Solid Handle Knife
List, set, $3.07; Consumer, set, $2.50

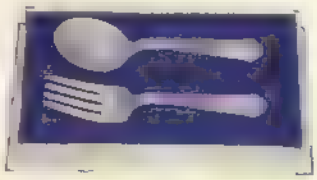


86252 Cucumber or Tomato Server
List, each, $3.99; Consumer, each, $3.25

86003 Berry or Salad Spoon
List, each, $4.30; Consumer, each, $3.50
86004 Berry Spoon, Small, or Preserve
List, each, $3.38; Consumer, each, $2.75

86202 Butter Spreaders
List, set of six, $7.68, Consumer, set of six, $6.25

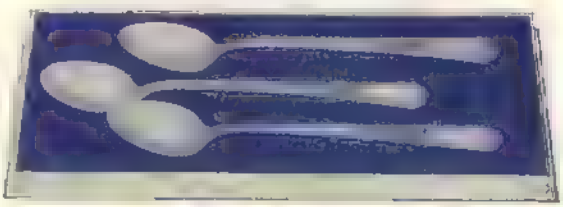
86001 Baby Spoon, Bent Handle
List, each, $1.23; Consumer, each, $1.00
86002 Baby Spoon, Short Handle
List, each, $1.23; Consumer, each, $1.00



Baby Sets
86304 Baby Spoon and Fork, Short Handles
List, set, $2.46; Consumer, set, $2.00
86303 Baby Spoon and Food Pusher
List, set, $2.46; Consumer, set, $2.00

86111 Salad Forks, Individual
List, set of six, $9.18; Consumer, set of six, $7.50

86103 Cold Meat Fork
List, each, $3.07; Consumer, each, $2.50
86104 Cold Meat Fork, Small
List, each, $2.46; Consumer, each, $2.00



86012 Iced Tea Spoons
List, set of six, $7.36; Consumer, set of six, $6.00

.1847 ROGERS BROS.

SILVERPLATE

An INTERNATIONAL SILVER Co. Product

ARGOSY PATTERN

Six in Box

		Per Dozen List	Consumer
8701	Tea Spoons	$9.18	$7.50
8702	Dessert or Oval Soup Spoons	18.36	15.00
8703	Table or Serving Spoons	18.36	15.00
8704	Soup Spoons, Round Bowl	18.36	15.00
87006	Cream Soup or Cereal Spoons, Gift Box	18.36	15.00
87005	Bouillon Spoons, Gift Box	17.74	14.50
8705	Dinner Forks	18.36	15.00
8706	Dessert or Luncheon Forks	18.36	15.00

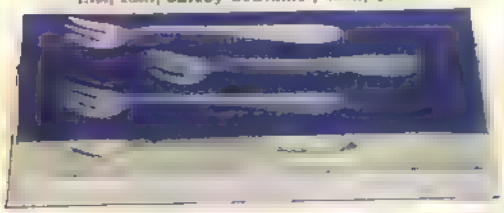
Solid Handle Knives

With Stainless Blades

87472s	Dinner Knives	$18.28	$14.00
87474s	Dessert or Luncheon Knives	18.28	14.00
87475s	Fruit Knives	16.32	12.50

87008 Coffee Spoons
List, set of six, $4.59; Consumer, set of six, $3.75

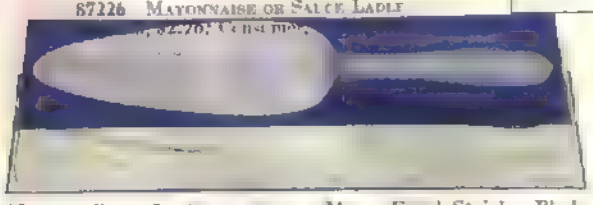
87013 Olive Spoon
List, each, $2.15; Consumer, each, $1.75



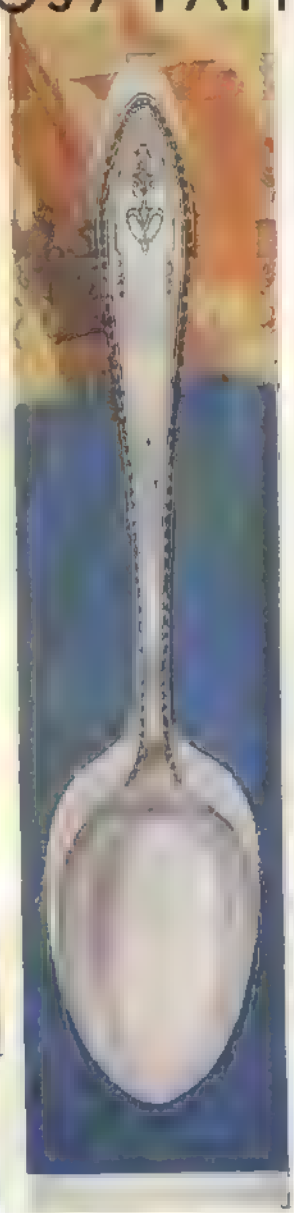
87106 Oyster or Cocktail Forks
List, set of six, $6.45; Consumer, set of six, $5.25

87227 Gravy Ladle
List, each, $3.38; Consumer, each, $2.75

87226 Mayonnaise or Sauce Ladle
List, each, $2.76; Consumer, each, $2.25



87254M Pie or Ice Cream Server, Mirror Finish Stainless Blade
List, each, $5.52; Consumer, each, $4.50



A delicate balance, joined with subtle ornamental tracery, is the secret of the gay charm of the Argosy pattern

Hollow Handle Knives

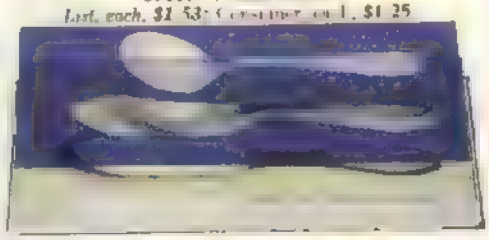
With Stainless Blades

		Per Dozen List	Consumer
87402M	Dinner Knives, Mirror Finish	$36.50	$28.00
87402s	Dinner Knives	31.30	24.00
87404M	Dessert or Luncheon Knives, Mirror Finish	36.50	28.00
87404s	Dessert or Luncheon Knives	31.30	24.00

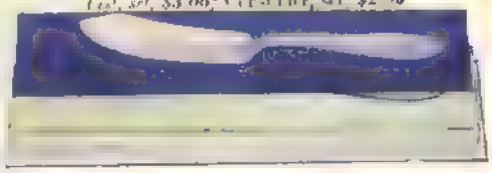
These above knives have French shape blades

87406s	Fruit Knives	28.70	22.00
87208s	Tea or Salad Knives	28.70	22.00

87017 Sugar Spoon
List, each, $1.53; Consumer, each, $1.25



87301 Butter Knife and Sugar Spoon
List, set, $3.06; Consumer, set, $2.50



87201 Butter Knife
List, each, $1.53; Consumer, each, $1.25

87014 Orange or Grape Fruit Spoons
List, set of six, $7.05; Consumer, set of six, $5.75

87253 Dessert Server
List, each, $5.22; Consumer, each, $4.25

.1847 ROGERS BROS.

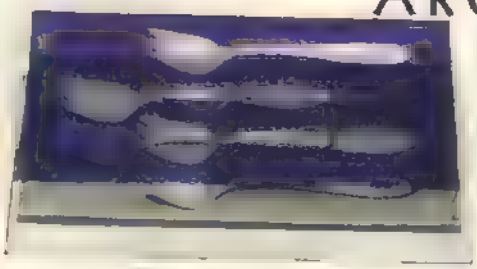
SILVERPLATE

6-294

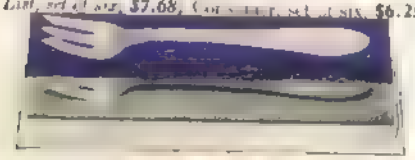
INTERNATIONAL SILVER CO.

An International Silver Co. Product

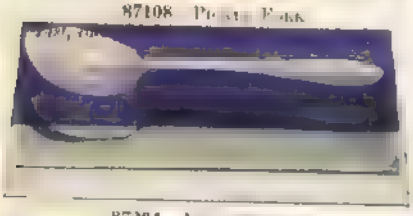
ARGOSY PATTERN



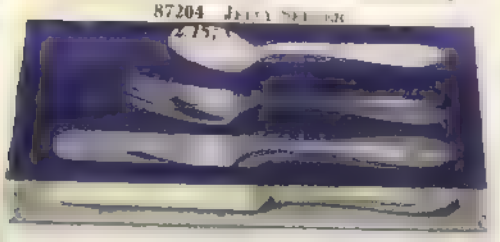
87105 Ice Cream Forks
List, set of six, **$7.68**; Consumer, set of six, **$6.25**



87108 Pickle Fork



87204 Jelly Server
$2.75;



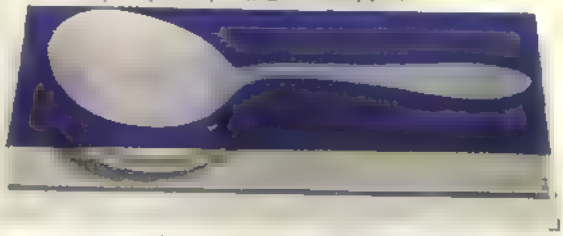
Cake Sets

87353 Spoon, Fork and Hollow Handle Knife
List, set **$4.38**, Consumer, set, **$3.50**

87352 Spoon, Fork and Flat Handle Knife
List, set **$3.68**; Consumer, set, **$3.00**

87356 Spoon, Fork and Salad Handle Knife

87252 Cucumber or Tomato Server
List, each, **$3.99**; Consumer, each, **$3.25**



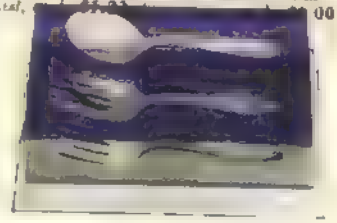
87003 Berry or Salad Spoon
List, each, **$4.30**; Consumer, each, **$3.50**

87004 Berry Spoon, Small, or Preserve
List, each, **$3.38**; Consumer, each, **$2.75**

87202 Butter Spreaders
List, set of six, **$7.68**; Consumer, set of six, **$6.25**

87081 Baby Spoon, Bent Handle
List, each, **$1.23**; Consumer, each, **$1.00**

87002 Baby Spoon, Short Handle
List, **$1.23**; Consumer, **$1.00**

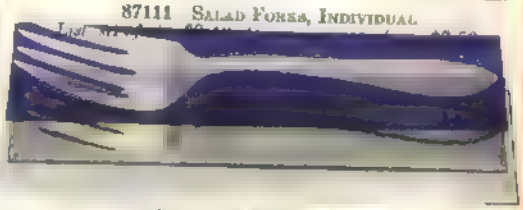


Baby Sets

87304 Baby Spoon and Fork, Short Handles
List, set, **$2.46**; Consumer, set, **$2.00**

87303 Baby Spoon and Food Pusher

87111 Salad Forks, Individual
List, each, **$3.07**; Consumer, each, **$2.50**



87103 Cold Meat Fork
List, each, **$3.07**; Consumer, each, **$2.50**

87104 Cold Meat Fork, Small
List, **$2.30**; Consumer, **$1.75**

87012 Iced Tea Spoons
List, set of six, **$7.36**; Consumer, set of six, **$6.00**

.1847 ROGERS BROS.

SILVERPLATE

LEGACY PATTERN

Six in Box

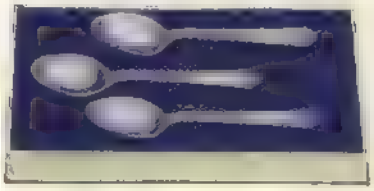
		Per Dozen List	Consumer
8801	Tea Spoons	$9.18	$7.50
8802	Dessert or Oval Soup Spoons	18.36	15.00
8803	Table or Serving Spoons	18.36	15.00
8804	Soup Spoons, Round Bowl	18.36	15.00
88006	Cream Soup or Cereal Spoons, Gift Box	18.36	15.00
88005	Bouillon Spoons, Gift Box	17.74	14.50
8805	Dinner Forks	18.36	15.00
8806	Dessert or Luncheon Forks	18.36	15.00

Solid Handle Knives

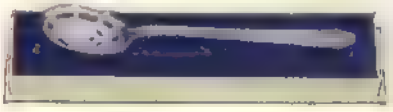
With Stainless Blades

88472s	Dinner Knives	$18.28	$14.00
88474s	Dessert or Luncheon Knives	18.28	14.00
88475s	Fruit Knives	16.32	12.50

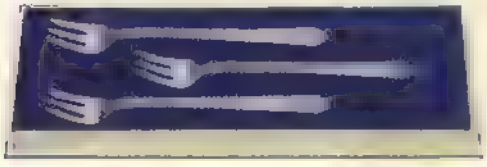
The above knives have French shape blades



88008 COFFEE SPOONS
List, set of six, $4.59; Consumer, set of six, $3.75



88013 OLIVE SPOON
List, each, $2.15; Consumer, each, $1.75

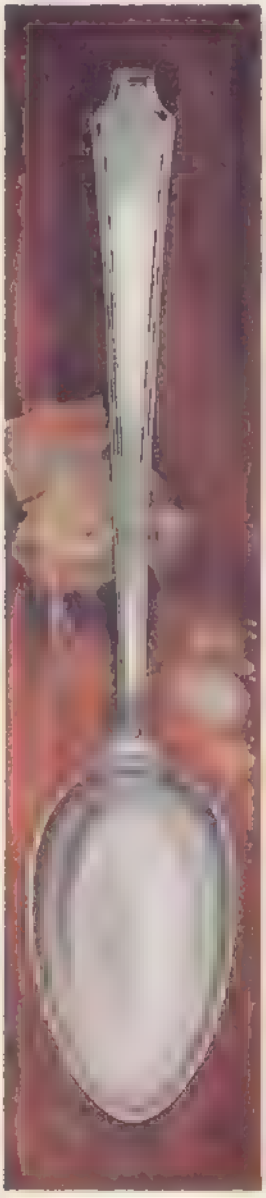


88106 OYSTER OR COCKTAIL FORKS
List, set of six, $6.45; Consumer, set of six, $5.25

88227 GRAVY LADLE
List, each, $3.38; Consumer, each, $2.75

88226 MAYONNAISE OR SAUCE LADLE
List, each, $2.76; Consumer, each, $2.25

88254M PIE OR ICE CREAM SERVER, Mirror Finish Stainless Blade
List, each, $5.52; Consumer, each, $4.50



LEGACY *pattern — moded for today and tomorrow, but bequeathed with the artistry of four generations*

Hollow Handle Knives

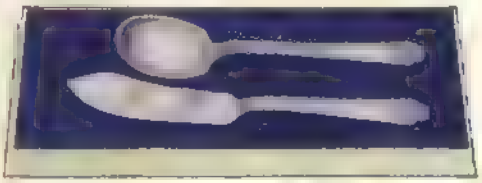
With Stainless Blades

		Per Dozen List	Consumer
88402M	Dinner Knives, Mirror Finish	$36.50	$28.00
88402s	Dinner Knives	31.30	24.00
88404M	Dessert or Luncheon Knives, Mirror Finish	36.50	28.00
88404s	Dessert or Luncheon Knives	31.30	24.00

The above knives have French shape blades

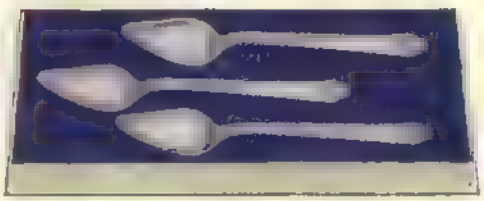
88406s	Fruit Knives	28.70	22.00
88208s	Tea or Salad Knives	28.70	22.00

88017 SUGAR SPOON
List, each, $1.53; Consumer, each, $1.25



88301 BUTTER KNIFE AND SUGAR SPOON
List, set, $3.06, Consumer, set, $2.50

88201 BUTTER KNIFE
List, each, $1.53, Consumer, each, $1.25



88014 ORANGE OR GRAPE FRUIT SPOONS
List, set of six, $7.05; Consumer, set of six, $5.75

88253 DESSERT SERVER
List, each, $5.22, Consumer, each, $4.25

.1847 ROGERS BROS.

SILVERPLATE

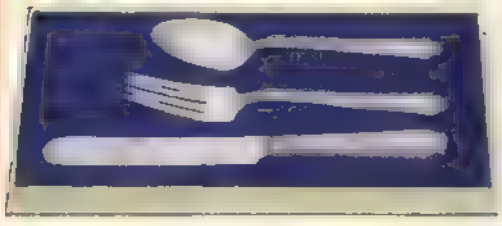
6292

LEGACY PATTERN

88105 Ice Cream Forks
List, set of six $7.68; Consumer, set of six, $6.25

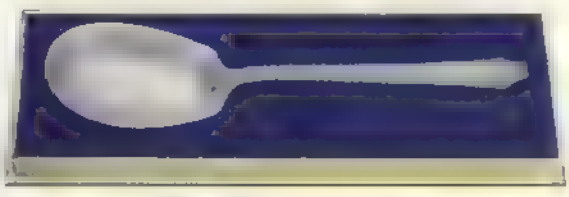
88108 Pickle Fork
List, each $1.84; Consumer, each, $1.50

88204 Jelly Server
List, each $2.15 Consumer, each $1.75



Child's Sets
88353 Spoon, Fork and Hollow Handle Knife
List, set, $4.38; Consumer, set, $3.50
88356 Spoon, Fork and Solid Handle Knife
List, set, $3.07; Consumer, set, $2.50

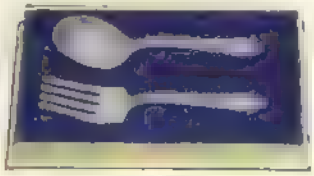
88252 Cucumber or Tomato Server
List, each, $3.99; Consumer, each, $3.25



88003 Berry or Salad Spoon
List, each, $4.30; Consumer each, $3.50
88004 Berry Spoon, Small or Preserve
List, each, $3.38; Consumer each, $2.75

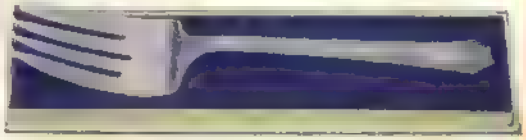
88202 Butter Spreader
List, set of six, $7.68, Consumer, set of six, $6.25

88001 Baby Spoon, Bent Handle
List, each, $1.23; Consumer, each, $1.00
88002 Baby Spoon, Short Handle
List, each, $1.23; Consumer, each, $1.00

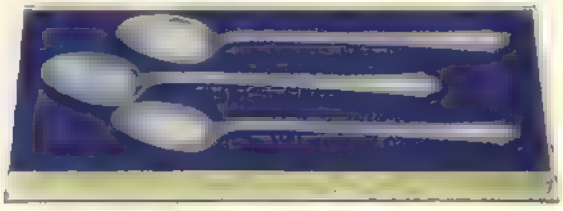


Baby Sets
88304 Baby Spoon and Fork, Short Handles
List, set, $2.46; Consumer, set, $2.00
88303 Baby Spoon and Food Pusher
List, set, $2.46; Consumer, set, $2.00

88111 Salad Forks, Individual
List, set of six, $9.18; Consumer, set of six, $7.50



88103 Cold Meat Fork
List, each, $3.07; Consumer, each, $2.50
88104 Cold Meat Fork Small
List, each, $2.46; Consumer, each, $2.00



88012 Iced Tea Spoons
List, set of six, $7.36, Consumer, set of six, $6.00

.1847 ROGERS BROS.

SILVERPLATE

6.29.3

Horse Cave, Historic Town

AT SOME period back in the pioneer days of the new great Commonwealth of Kentucky, a few brave and sturdy folks pitched their belongings in an attractive little valley nestled at the foot of scenic and protecting hills and began building a new community in the richer portion of Hart County, south of Green River. Success and progress later brought this chosen location a United States Post Office and it was called Horse Cave. Subsequently, as the years passed, by an Act of the Legislature the name was changed to "Caverna".

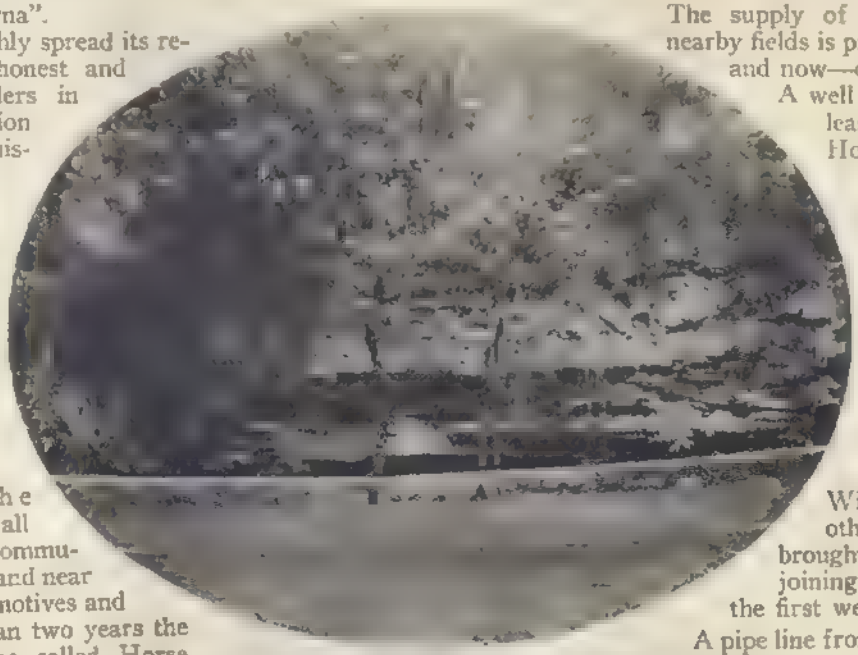
As prosperity richly spread its reward among the honest and happy home builders in and about the region of Caverna, the Louisville & Nashville Railroad Company, during the year of 1859, fortunately favored the little village by locating one of their depots therein as the line was constructed from Louisville to Nashville. The early citizenry of all the surrounding community came from far and near to see the first locomotives and cars. For more than two years the railroad station was called Horse Cave and the post office called Caverna. Finally the post office changed back to Horse Cave.

Business and commercial activities started with a most substantial foundation and volume and has continued throughout all of these years. There never was a spasmodic boom connected with the growth of this promising town but its rise has been adequate and gradual always. The production of fine Burley tobacco, and the raising and marketing of livestock engaged the attention of a large region of the back country up to and through the Civil War. South Hart County, Barren, Green, Metcalf, Cumberland and Monroe for many years reached railroad connection at Horse Cave.

For a number of years Horse Cave was the second largest shipping point on the L. & N.

During the time following the Civil War there has been a marvelous change in customs, methods and comforts of the inhabitants.

Horse Cave is now a city of the fifth class, boasting of 1,500 population, and has the advantage of being near such centers of industry as Louisville, Nashville and Lexington. Industries within the town include several modern tobacco markets selling nine to ten million pounds of fine Burley per year, a number of banks, hotels, wholesale houses, poultry packing house, flour mill, ice cream factory, bottling plant, newspaper plant, a large antique exchange, Stoll and Standard Oil distributing stations and a syrup factory. In addition there are adequate and modern stores, garages, sound pictures, etc., ample electric light and power and natural gas supply.



The entrance to Hidden River Cave in the heart of the town of Horse Cave, Ky. In front of the entrance is a tennis court, sixty feet below the surface of the street.

An efficient fire department, handsome churches, first class schools and a healthy civic pride are dominant factors in the progressive building of citizenship in Horse Cave and Hart County. The mayor, city council and health board all co-operate for the benefit of the entire population.

One of the unique features of the town is Hidden River Cave which is located right in the heart of the business section, with the entrance sixty feet below the surface of the street.

One can hardly write of Horse Cave without mentioning its natural resources. Of timber there are available such popular woods as poplar, oak, walnut and cedar. In the mineral field the section abounds in limestone suitable for chemical and construction purposes. Marl, which is used principally in fertilization, and clay for making brick, pottery and tile, are found in abundance. Onyx is also found and there is an available supply of kaolin. The supply of natural gas from nearby fields is practically unlimited, and now—oil has been struck! A well was drilled in on a lease six miles east of Horse Cave on September 25 and it turned out to be a gusher producing about a thousand barrels per day. Immediately leases were bought up in the surrounding territory and many other wells started Within a week another gusher had been brought in on a farm adjoining the one on which the first well was located.

A pipe line from the field to Horse Cave has been put into operation and tank cars are being loaded and shipped with unceasing regularity. The Missouri-Kansas Pipe Line Company and the Consolidated Gas Company have already completed the laying of their lines to furnish gas from the big Center gas field to Horse Cave, Bowling Green, Russellville, Henderson and St. Louis where it connects with their Western main line running to Chicago. Right-of-way is being obtained to pipe gas to Louisville also.

With this new development Horse Cave feels justified in believing that it is destined to be a city of several thousand population within the next few years. This belief is further bolstered by the expected establishment of Mammoth Cave National Park, the boundary of which, as at present designated, will be not more than five miles west of the city limits of Horse Cave, and with the

Sees Rapid Growth Ahead

These are the first tanks being filled by the first oil well on the McKinney lease, six miles east of Horse Cave

probability that it will ultimately be brought to within one or two miles.

At this time the town is teeming with activity in preparation of its potential growth. Many new enterprises are being fostered and buildings are rapidly being pushed to completion. The new Hotel Owens a three-story fireproof structure with comforts and conveniences that would make it a credit to a city many times larger than Horse Cave, is expected to be ready for occupancy before these lines are published. A new $15,000 theatre, equipped for the best in talking pictures, is under way and will be completed to afford entertainment to tourists and farmers this winter. The building, which will be one of the handsomest in the city, will also be the headquarters of several local fraternal lodges.

A new loose leaf warehouse, with a capacity of 2,000 baskets, is rapidly shaping itself for next season's sales. This will make six sales floors with a combined floor space said to exceed 200,000 square feet in the town equipped to accommodate 8,500 baskets of tobacco at one continuous sale.

Last season the Horse Cave market sold more than 9,000,000 pounds of Burley at an average of $23.02 and had one of the best regulated markets in the state. For the coming season a fifteen-million-pound market is the slogan.

A number of other buildings are in various stages of construction, showing that the people of Horse Cave are fully alive to the opportunity for development of the city. In this they are backed up by the Chamber of Commerce, an active organization which functions in a progressive co-operative leadership for the betterment of Horse Cave.

The State Highway Commission has announced that at its next meeting advertising will be made for the new road connecting the Jackson and Dixie Highways. It is said that this will be a Federal aid road, either of concrete or asphalt, with a thirty-six foot tread and it promises to be an aid in securing an East and West highway from Cumberland Falls to Mammoth Cave National Park, with an entrance at or near the city limits of Horse Cave.

Sensing the rapid growth ahead of the town, the city council has recently sold a franchise for an enlarged water supply system which will furnish adequate water for a city of twenty or thirty thousand people.

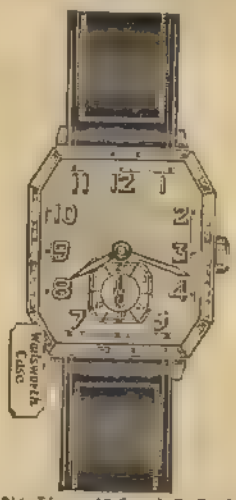
This may be a year of depression but for Horse Cave it is a time of expansion. And Horse Cave is fully confident that its boom is founded on enduring facts, not glistening bubbles that are doomed to burst in midair.

MAIN STREET, HORSE CAVE, KY.

LeCoultre Watches

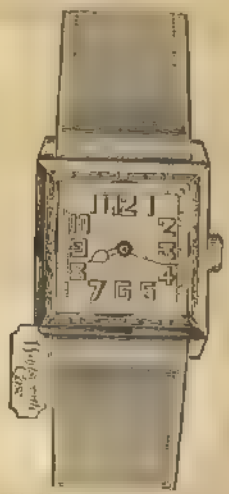
A STANDARD high grade time-piece that is fully guaranteed. Serviced in Chicago. Any competent watchmaker can repair or replace any broken parts. Material is interchangeable and can be furnished anywhere. Sold by the leading Jewelry stores, throughout the country.

10½ Ligne 15-Jewel LeCoultre, 14k Gold Filled Engraved Oxidized case. Luminous dial.
G19 1 14k G. F White **$40.50**
G19 2 14k G. F Green. **40.50**

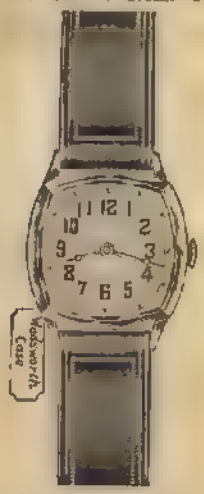


10½ Ligne 15-Jewel LeCoultre, 14k Gold Filled Rectangular Engraved Oxidized case. Luminous dial.
G19 3 14k G. F White **$45.50**
G19 4 14k G. F Green. **45.50**

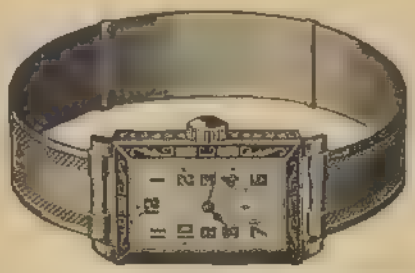
10 ½ Ligne 15-Jewel LeCoultre, 14k Gold Filled 6/0 Cushion Plain case. Luminous dial.
G19 5 14k G. F White **$43.75**
G19 6 14k G. F Green **43.75**



10½ Ligne 15-Jewel LeCoultre, 14k Gold Filled Square Oxidized case, Luminous dial.
G19 7 14k G. F White **$45.50**
G19 8 14k G. F Green **45.50**

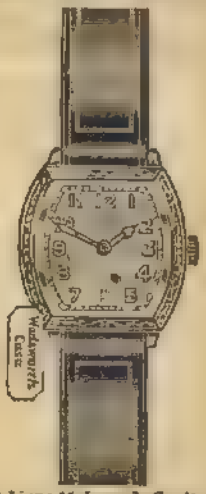


9¼ Ligne 15-Jewel LeCoultre, 14k White Gold Filled Cushion Formed opening. Plain Silver Dial with Second Hand. Ideal for Nurses and Teachers.
G19+9 **$45.00**



6¾ Ligne 15-Jewel LeCoultre, 14k White Gold Filled Rectangular Etched case, Inlaid Black Enamel, Curved back Luminous dial. Fitted with a Wadsworth band to match.

G19+10.. $62.50
G19+11 Same in 14k G. F. Green 62.50

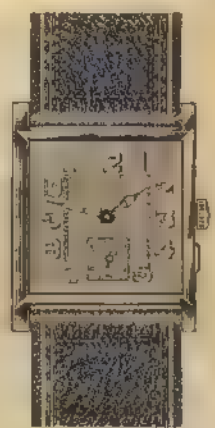


9½ Ligne 16-Jewel LeCoultre 14k White Gold Filled Princess Engraved case. Luminous dial with Second Hand. Suitable for Nurses, School Teachers, as a Sport watch.
G19+12 **$45.50**

9¼ Ligne LeCoultre, 14k Gold Filled Rectangular Plain case. Luminous dial.
G19 13 14k G. F White **$46.00**
G19 14 14k G. F Green **46.00**

9¼ Ligne LeCoultre, 14k Gold Filled Tonneau, Etched Engraved Black Enamel Inlaid. Fitted with Luminous dial.
G19+15 14k G. F White **$50.00**
G19+16 14k G. F Green **50.00**

9½ Ligne 15-Jewel LeCoultre, 14k Gold Filled Tonneau Plain case. Fitted with even luminous dial as shown on high grade watch.
G19 17 14k G. F White **$46.00**
G19+18 14k G. F Green **46.00**



10½ Ligne 16-Jewel LeCoultre, 14k Gold Filled Square Plain case, Luminous dial. Special value.
G19+19 14k G. F White **$30.00**
G19+20 14k G. F Green **30.00**

"THE HOUSE OF QUALITY, SERVICE AND SATISFACTION"

LeCoultre Watches

Very Smart. Stylish with Absolute Dependability. All Parts Can Be Secured Anywhere. Serviced in Chicago

6½ Ligne 15J LeCoultre made movement. Fancy dial, 14k White Gold Filled Tonneau Engraved Oval opening case.
G18 – 1 . . . . . **$53.50**

8½ Ligne 15J LeCoultre movement. 14k White Gold Filled Rectangular Cut-Corner Engraved case.
G18 – 3 . . . . . **$40.50**

8½ Ligne 15J LeCoultre movement, 14k White Gold Filled Tonneau Engraved case.
G18 + 5 . . . . . **$48.00**

8½ Ligne 15J LeCoultre movement, 14k White Gold Filled Barrel Plain case fitted with Kreisler 1/10 14k W. G. F. Mesh band.
G18 + 7 . . . . . **$53.00**

8½ Ligne 15J LeCoultre movement, 14k White Gold Filled Rectangular Plain case. Round dial.
G18 + 9 . . . . . **$47.00**

8½ Ligne 15J LeCoultre movement, 14k White Gold Filled Rectangular Engraved case, Engraved Oval dial.
G18 + 11 . . . . . **$45.50**

8½ Ligne 15J LeCoultre movement. 18¼k Solid White Gold with Bezel fitted with new French Grey finish set with ten Diamonds on grey ribbon.
G18 + 15 . . . . . **$205.00**

6 Ligne 15J LeCoultre movement, 18¼k Solid White Gold Barrel Shape Hand Engraved case, Silver dial, Dauphine Hands.
G18 – 11 . . . . . **$95.00**

8½ Ligne 15J LeCoultre movement. 14k White Gold Filled Barrel Engraved case, Fancy Oval dial.
G18 + 15 . . . . . **$50.50**

6½ Ligne 15J LeCoultre made movement. Fancy dial, 14k White Gold Filled Engraved case, Oval opening.
G18 + 2 . . . . . **$38.50**

8½ Ligne 15J LeCoultre movement, 14k White Gold Filled Rectangular Engraved Oval opening case.
G18 + 4 . . . . . **$48.00**

8½ Ligne 15J LeCoultre movement, 14k Solid White Gold Hand Engraved case, Barrel shape, Raised Figure Dial.
G18 – 6 . . . . . **$64.50**

8½ Ligne 15J LeCoultre movement, 14k White Gold Filled Rectangular Engraved Oval dial. Fitted with 1/10 14k W. G. F. Kreisler Mesh band.
G18 + 8 . . . . . **$55.00**

8½ Ligne 15J LeCoultre movement, 14k Solid White Gold Rectangular Hand Engraved sides. Raised Figure dial with Raised Design.
G18 + 10 . . . . . **$62.50**

8½ Ligne 15J LeCoultre movement, 14k Solid White Gold Rectangular all Hand Engraved with Black Enamel on sides. Fancy Oval dial.
G18 + 12 . . . . . **$76.00**

THE ABOVE PRICES ARE SUBJECT TO THE REGULAR DISCOUNT.

IF ANY ARTICLE PROVES UNSATISFACTORY, RETURN AT ONCE. WE WILL EXCHANGE OR REFUND MONEY.

"THE HOUSE OF QUALITY, SERVICE AND SATISFACTION"

.1847 ROGERS BROS.

SILVERPLATE

PARIS-DESIGNED UTILITY TRAYS... MORE APPEALING AND COLORFUL THAN EVER

88883M
Legacy Pattern Illustrated
List, $60.08
Consumer, $47.15

THE UTILITY TRAY

A delightful serving tray bound to increase opportunities for the selling of complete assortments

This Paris-designed tray in red enamel and silver or silver and gold,* with handles and glass bottom, combines the virtues of the liftout silverware rack with the beauty and usefulness of a serving tray.

**When ordering, specify color combination desired.*

26 Pieces in the Utility Tray—Covers for Six

6 Dinner Knives 6 Dinner Forks 6 Tea Spoons 6 Dessert Spoons 1 Butter Knife 1 Sugar Spoon

Legacy	Argosy	Ancestral	Anniversary	Ambassador		*List*	Consumer
88820M	87820M	86820M	85820M	84820M	With Hollow Handle Knives, Mirror Finish Stainless Blades	*$46.34*	$36.25
88820S	87820S	86820S	85820S	84820S	With Hollow Handle Knives, Stainless Blades	*43.72*	34.25
88815S	87815S	86815S	85815S	84815S	With Solid Handle Knives, Stainless Blades	*37.22*	29.25

29 Pieces in the Utility Tray—Covers for Six

6 Dinner Knives 6 Dinner Forks 12 Tea Spoons 3 Table Spoons 1 Butter Knife 1 Sugar Spoon

Legacy	Argosy	Ancestral	Anniversary	Ambassador		*List*	Consumer
88838M	87838M	86838M	85838M	84838M	With Hollow Handle Knives, Mirror Finish Stainless Blades	*$46.34*	$36.25
88838S	87838S	86838S	85838S	84838S	With Hollow Handle Knives, Stainless Blades	*43.72*	34.25
88837S	87837S	86837S	85837S	84837S	With Solid Handle Knives, Stainless Blades	*37.22*	29.25

1847 ROGERS BROS.
SILVERPLATE

34 Pieces (Pieces of 8) in the Utility Tray—Covers for Eight

8 Dinner Knives	8 Dinner Forks	8 Tea Spoons	8 Dessert Spoons	1 Butter Knife	1 Sugar Spoon	
Legacy	Argosy	Ancestral	Anniversary	Ambassador		*List*	Consumer
88883M	87883M	86883M	85883M	84883M	With Hollow Handle Knives, Mirror Finish Stainless Blades	*$60.08*	$47.15
88883S	87883S	86883S	85883S	84883S	With Hollow Handle Knives, Stainless Blades	*56.60*	44.50
88882S	87882S	86882S	85882S	84882S	With Solid Handle Knives, Stainless Blades	*47.92*	37.80

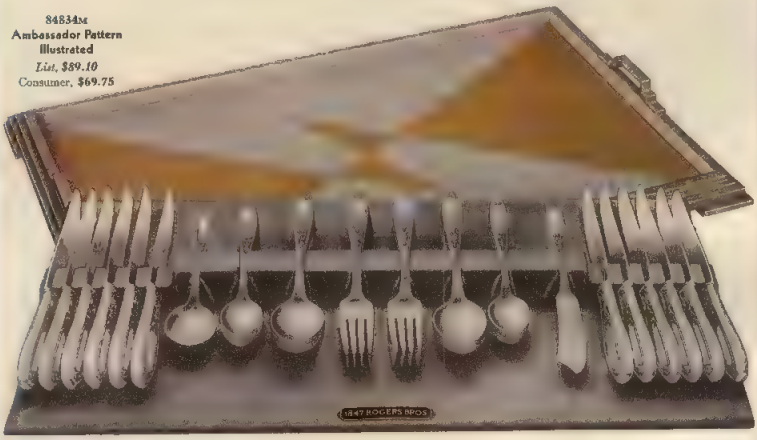
50 Pieces in the Utility Tray—Covers for Twelve

NOTE: In silver and gold tray (illustrated below)

12 Dinner Knives	12 Dinner Forks	12 Tea Spoons	12 Dessert Spoons	1 Butter Knife	1 Sugar Spoon	
Legacy	Argosy	Ancestral	Anniversary	Ambassador		*List*	Consumer
88834M	87834M	86834M	85834M	84834M	With Hollow Handle Knives, Mirror Finish Stainless Blades	*$89.10*	$69.75
88834S	87834S	86834S	85834S	84834S	With Hollow Handle Knives, Stainless Blades	*83.88*	65.75
88832S	87832S	86832S	85832S	84832S	With Solid Handle Knives, Stainless Blades	*70.86*	55.75

Note: All combinations listed on this or preceding page may be had with Table Spoons or Round Bowl Soup Spoons (instead of Dessert Spoons), if requested

84834M
Ambassador Pattern
Illustrated
List, $89.10
Consumer, $69.75



INTERNATIONAL SILVER CO.

.1847 ROGERS BROS.

SILVERPLATE

AMBASSADOR PATTERN

Correct in outline and original in decoration, it retains the durable qualities of all 1847 Rogers Bros. ware.

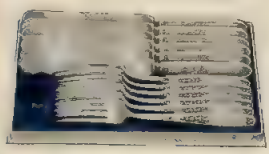
Six in Box

		List Per Dozen	Consumer
8401	Tea Spoons	$9.18	$7.50
8402	Dessert or Oval Soup Spoons	18.36	15.00
8403	Table or Serving Spoons	18.36	15.00
8404	Soup Spoons, Round Bowl	18.36	15.00
84005	Bouillon Spoons, Gift Box	17.74	14.50
8405	Dinner Forks, Flat	18.36	15.00
8406	Dessert or Luncheon Forks, Flat	18.36	15.00

		List	Consumer
84013	Olive Spoon . . each	$2.15	$1.75

		List	Consumer
84301	Butter Knife and Sugar Spoon . . . per set	$3.06	$2.50
84201	Butter Knife each	1.53	1.25
84017	Sugar Spoon. each	1.53	1.25

		List	Consumer
84252	Tomato or Cucumber Server . . . . . each	$3.99	$3.25



		Per Set List	Consumer
84483s	Six each, Solid Handle Dinner Knives, Stainless Blades, and Flat Dinner Forks	$18.32	$14.50

TEA SPOON
Actual Size

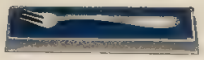
1847 ROGERS BROS. Silverplate is wrapped in anti-tarnish parchment.

Hollow Handle Knives—*Stainless Blades*

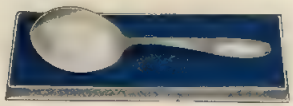
		List Per Dozen	Consumer
84402m	Dinner, Mirror Finish	$36.50	$28.00
84402s	Dinner	31.30	24 00
84404m	Dessert or Luncheon, Mirror Finish	36.50	28.00
84404s	Dessert or Luncheon	31.30	24.00
	Above knives with French shape blades		
8440bs	Fruit	28.70	22.00

Solid Handle Knives—*Stainless Blades*

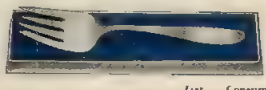
		List	Consumer
84472s	Dinner	$18.28	$14.00
	Above knives with French shape blades		
84475s	Fruit	16.32	12.50



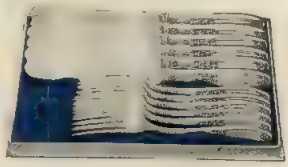
		List	Consumer
84108	Pickle Fork, short each	$1.84	$1.50



		List	Consumer
84003	Berry or Salad Spoon, each	$4.30	$3.50
84004	Berry Spoon, small each	3.38	2.75



		List	Consumer
84103	Cold Meat Fork, large each	$3 07	$2.50
84104	Cold Meat Fork, small each	2 46	2 00



		Per Set List	Consumer
84421m	Six each, Hollow Handle Dinner Knives, Mirror Finish Stainless Blades and Flat Dinner Forks	$27.44	$21.50
84421s	Above, Knives with Stainless Blades.	24.82	19.50

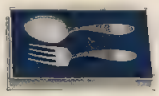
.1847 ROGERS BROS.

SILVERPLATE

AMBASSADOR PATTERN

All fancy pieces are supplied, singly or in sets, in blue velvet-lined gift boxes, without extra charge.

		List	Consumer
84204	Jelly Server . . . . . each	*$2.15*	$1.75

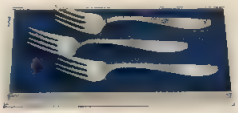


		List	Consumer
84304	Baby Spoon and Fork, short handles . . per set	*$2.46*	$2.00
84002	Baby Spoon, short hdl., ea.	*1.23*	1.00
84101	Baby Fork, short hdl ea	*1.23*	1.00

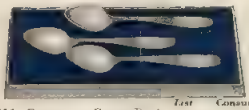
		List	Consumer
84012	Iced Tea Spoons, set of six	*$7.36*	$6.00

		List	Consumer
84253	Dessert Server each	*$5.22*	$4.25

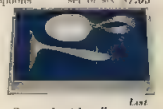
		List	Consumer
84227	Gravy Ladle each	*$3.38*	$2.75
84226	Mayonnaise or Sauce Ladle. . . . . each	*2.76*	2.25



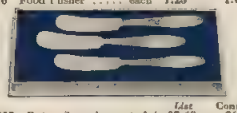
		List	Consumer
84111	Salad Forks, Individual, set of six	*$9.18*	$7.50



		List	Consumer
84014	Orange or Grape Fruit Spoons set of six	*$7.05*	$5.75

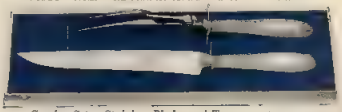


		List	Consumer
84303	Baby Spoon, bent handle, and Food Pusher, per set	*$2.46*	$2.00
84001	Baby Spoon, bent hdl., ea.	*1.23*	1.00
84276	Food Pusher . . . . . each	*1.23*	1.00



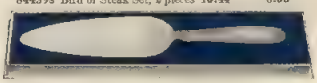
		List	Consumer
84202	Butter Spreaders, set of six	*$7.68*	$6.25

		Per Set List	Consumer
84352	Child's Set, 3 pieces .	*$3.68*	$3.00
84353	With Hollow Handle Knife	*4.38*	3.50
84356	With Solid Handle Knife	*3.07*	2.50



Carving Sets—Stainless Blades and Tines

		List	Per Set Consumer
84437s	Game Set, 2 pieces . .	*$15.98*	$12.25
84436s	Meat Set, 3 pieces .	*23.46*	18.00
84438s	Bird or Steak Set, 3 pieces	*14.66*	11.25
84439s	Bird or Steak Set, 2 pieces	*10.44*	8.00



		List	Consumer
84254m	Pie or Ice Cream Server, Mirror Finish Stainless Blade each	*$5.52*	$4.50

1847 ROGERS BROS.
SILVERPLATE

This regal background will stimulate larger sales

Givaway Chest Sets

A charming gift case at no extra cost

Two assortments—76 and 100 pieces—each providing a balanced service of staple, fancy and serving flatware. And there is no additional charge for the handsome chest—either set may be had for the price of the silverware alone.

86766M
Ancestral Pattern Illustrated
List, $149.50
Consumer, $120.25

76 Pieces (Pieces of 8) in the Givaway Chest—Covers for Eight

8 Dinner Knives
8 Dinner Forks
10 Tea Spoons
8 Dessert Spoons
8 Iced Tea Spoons
8 Salad Forks, Individual
8 Orange Spoons
8 Butter Spreaders
1 Cold Meat Fork
1 Gravy Ladle
1 Butter Knife
1 Sugar Spoon

Legacy	Argosy	Ancestral	Anniversary	Ambassador		*List*	Consumer
88764M	87764M	86764M	85764M	84764M	With Hollow Handle Knives, Mirror Finish Stainless Blades	*$112.28*	$90.35
88764S	87764S	86764S	85764S	84764S	With Hollow Handle Knives, Stainless Blades	*102.80*	87.65
88765S	87765S	86765S	85765S	84765S	With Solid Handle Knives, Stainless Blades	*100.12*	81.00

100 Pieces in the Givaway Chest (Illustrated)—Covers for Twelve

12 Dinner Knives
12 Dinner Forks
24 Tea Spoons
1 Butter Knife
12 Dessert Spoons
12 Iced Tea Spoons
12 Salad Forks, Individual
12 Butter Spreaders
1 Cold Meat Fork
1 Gravy Ladle
1 Sugar Spoon

Legacy	Argosy	Ancestral	Anniversary	Ambassador		*List*	Consumer
88766M	87766M	86766M	85766M	84766M	With Hollow Handle Knives, Mirror Finish Stainless Blades	*$149.50*	$120.25
88766S	87766S	86766S	85766S	84766S	With Hollow Handle Knives, Stainless Blades	*144.28*	116.25
88767S	87767S	86767S	85767S	84767S	With Solid Handle Knives, Stainless Blades	*131.28*	106.25

INTERNATIONAL SILVER CO.

1847 ROGERS BROS.

SILVERPLATE

87583M
Argosy
Pattern
Illustrated
List, $69.72
Consumer, $52.50

PIECES OF 8

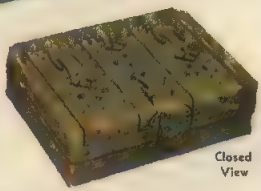
Trade Mark Registered

IN THE TREASURE CHEST

So eminently sound has the "Pieces of 8" idea proved, that leading merchants have adopted it in other lines of merchandise—table linens, china and glassware

"More than six" and "less than twelve"

Modeled after an old Spanish Chest that gave service in the brave days of galleons and conquests—gorgeous antique green and gold, heavily banded and studded, and lined with velvet the color of the sea



Closed View

34 Pieces in the Gorgeous Treasure Chest—Covers for Eight

8 Dinner Knives, 8 Dinner Forks, 8 Tea Spoons, 8 Dessert Spoons, 1 Butter Knife, 1 Sugar Spoon

Legacy	Argosy	Ancestral	Anniversary	Anniston		*List*	Consumer
88583M	87583M	86583M	85583M	84583M	With Hollow Handle Knives, Mirror Finish Stainless Blades	*$69.72*	$52.50
88583S	87583S	86583S	85583S	84583S	With Hollow Handle Knives, Stainless Blades	*66.24*	49.85

INTERNATIONAL SILVER CO.

.1847 ROGERS BROS.

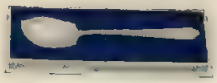
SILVERPLATE

ANCESTRAL PATTERN

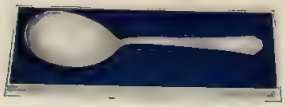
Befits the finest silverplate—1847 Rogers Bros.—used and loved by generations of fastidious hostesses.

Six in Box

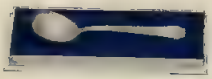
		List	Per Dozen Consumer
8601	Tea Spoons	$9.18	$7.50
8602	Dessert or Oval Soup Spoons	18.36	15.00
8603	Table or Serving Spoons	18.36	15.00
8604	Soup Spoons, Round Bowl	18.36	15.00
86006	Cream Soup or Cereal Spoons, Gift Box	18.36	15.00
86005	Bouillon Spoons, Gift Box	17.74	14.50
8605	Dinner Forks, Flat	18.36	15.00
8606	Dessert or Luncheon Forks, Flat	18.36	15.00



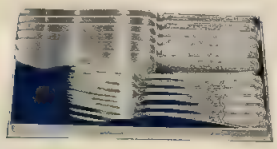
		List	Consumer
86204	Jelly Server, each	$2.15	$1.75



		List	Consumer
86003	Berry or Salad Spoon, each	$4.30	$3.50
86004	Berry Spoon, small each	3.38	2.75



		List	Consumer
86017	Sugar Spoon ..... each	$1.53	$1.25



		Per Set List	Consumer
86483s	Six each, Solid Handle Dinner Knives, Stainless Blades, and Flat Dinner Forks	$18.32	$14.50

TEA SPOON
Actual Size

1847 ROGERS BROS. Silverplate is wrapped in anti-tarnish parchment.

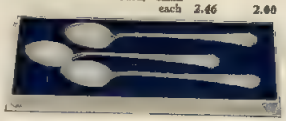
Hollow Handle Knives—*Stainless Blades*

		List	Per Dozen Consumer
86402sx	Dinner, Mirror Finish	$36.50	$28.00
86402s	Dinner	31.30	24.00
86404sx	Dessert or Luncheon, Mirror Finish	36.50	28.00
86404s	Dessert or Luncheon	31.30	24.00
86406s	*Above knives have French shape blades* Fruit	28.70	22.00

Solid Handle Knives—*Stainless Blades*

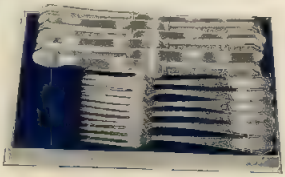
86472s	Dinner	$18.28	$14.00
86475s	*Above knives have French shape blades* Fruit	16.32	12.50

			List	Consumer
86103	Cold Meat Fork, large each		$3.07	$2.50
86104	Cold Meat Fork, small each		2.46	2.00



		List	Consumer
86012	Iced Tea Spoons set of six	$7.36	$6.00

		List	Consumer
86201	Butter Knife ..... each	$1.53	$1.25
86301	Butter Knife and Sugar Spoon ..... per set	3.06	2.50



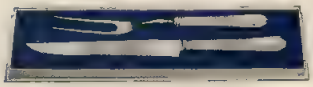
		Per Set List	Consumer
86421sx	Six each, Hollow Handle Dinner Knives, Mirror Finish Stainless Blades and Flat Forks	$27.44	$21.50
86421s	Above, Knives with Stainless Blades	24.52	19.50

1847 ROGERS BROS.
SILVERPLATE

ANCESTRAL PATTERN

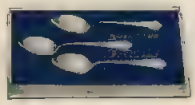
All fancy pieces are supplied, singly or in sets, in blue velvet-lined gift boxes, without extra charge.

			List	Consumer
86108	Pickle Fork, short .	each	*$1 84*	$1 50



Carving Sets—Stainless Blades and Tines

			List	Consumer
86439s	Bird or Steak, 2 pcs.,	per set	*$10.44*	$8.00
86436s	Meat Carving, 2pcs.,	per set	*23.46*	18.00
86437s	Game, 2 pieces	per set	*15.98*	12.25



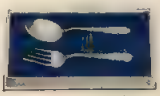
			List	Consumer
86008	Coffee Spoons .	set of six	*$4.59*	$3.75

			List	Consumer
86227	Gravy Ladle	each	*$3.38*	$2.75
86226	Mayonnaise or Sauce Ladle	each	*2.76*	2.25

			List	Consumer
86014	Orange or Grape Fruit Spoons	set of six	*$7 05*	$5 75

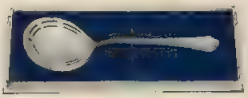
			List	Consumer
86111	Salad Forks, Individual,	set of six	*$9.18*	$7.50

			List	Consumer
86013	Olive Spoon . .	each	*$2.15*	$1.75

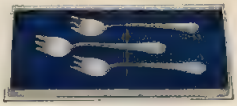


			List	Consumer
86304	Baby Spoon and Fork, short handles	per set	*$2.46*	$2.00
86002	Baby Spoon, short hdl .	ea.	*1.23*	1.00
86101	Baby Fork, short hdl.,	ea.	*1.23*	1.00

			List	Consumer
86202	Butter Spreaders,	set of six	*$7.68*	$6.25



			List	Consumer
86252	Tomato or Cucumber Server . . .	each	*$3.99*	$3.25



			List	Consumer
86105	Ice Cream Forks,	set of six	*$7.68*	$6.25

		List	Consumer
86254m	Pie or Ice Cream Server, Mirror Finish Stainless Blade	each	*$5.52*	$4.50

.1847 ROGERS BROS.

SILVERPLATE

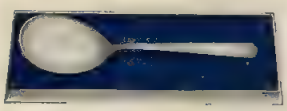
ANNIVERSARY PATTERN

The simple yet rich Colonial design suggests cordial hospitality and the atmosphere of family reunion.

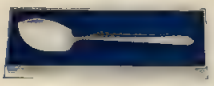
Six in Box

		Per Dozen List	Consumer
8501	Tea Spoons	$9.18	$7.50
8502	Dessert or Oval Soup Spoons	18.36	15.00
8503	Table or Serving Spoons	18.36	15.00
8504	Soup Spoons, Round Bowl	18.36	15.00
85006	Cream Soup or Cereal Spoons, Gift Box	18.36	15.00
85005	Bouillon Spoons, Gift Box	17.74	14.50
8505	Dinner Forks, Flat	18.36	15.00
8506	Dessert or Luncheon Forks, Flat	18.36	15.00

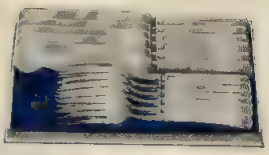
		List	Consumer
85017	Sugar Spoon ... each	$1.53	$1.25
85301	Butter Knife and Sugar Spoon ... per set	3.06	2.50



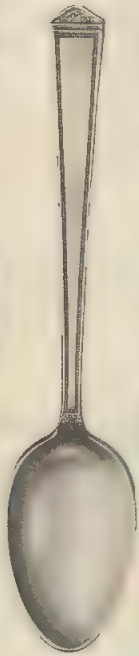
		List	Consumer
85003	Berry or Salad Spoon, each	$4.30	$3.50
85004	Berry Spoon, small each	3.38	2.75



		List	Consumer
85204	Jelly Server ... each	$2.15	$1.75



		List	Consumer
85483s	Six each, Solid Handle Dinner Knives, Stainless Blades, and Flat Dinner Forks	$18.32	$14.50



TEA SPOON
Actual Size

1847 ROGERS BROS.
Silverplate is wrapped in anti-tarnish parchment.

Hollow Handle Knives—*Stainless Blades*

		Per Dozen List	Consumer
85402m	Dinner, Mirror Finish	$36.50	$28.00
85402s	Dinner	31.30	24.00
85404m	Dessert or Luncheon, Mirror Finish	36.50	28.00
85404s	Dessert or Luncheon	31.30	24.00
	The above knives have French shape blades		
85406s	Fruit	28.70	22.00

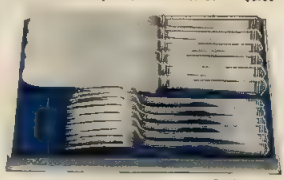
Solid Handle Knives—*Stainless Blades*

85472s	Dinner	$18.28	$14.00
	The above knives have French shape blades		
85475s	Fruit	16.32	12.50

		List	Consumer
85201	Butter Knife each	$1.53	$1.25

		List	Consumer
85103	Cold Meat Fork, large each	$3.07	$2.50
85104	Cold Meat Fork, small each	2.46	2.00

		List	Consumer
85012	Iced Tea Spoons, set of six	$7.36	$6.00



		Per Set List	Consumer
85421m	Six each, Hollow Handle Dinner Knives, Mirror Finish Stainless Blades, and Flat Dinner Forks	$27.44	$21.50
85421s	Above, Knives with Stainless Blades	24.82	19.50

INTERNATIONAL SILVER CO.

.1847 ROGERS BROS.

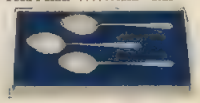
SILVERPLATE

ANNIVERSARY PATTERN

All fancy pieces are supplied, singly or in sets, in blue velvet-lined gift boxes, without extra charge.

		List	Consumer
85108	Pickle Fork, short each	$1.84	$1.50

		List	Consumer
85303	Baby Spoon, bent handle, and Food Pusher, per set	$2.46	$2.00
85001	Baby Spoon, bent hdl., ea.	1.23	1.00
85276	Food Pusher . . . . . each	1.23	1.00



		List	Consumer
85008	Coffee Spoons . set of six	$4.59	$3.75

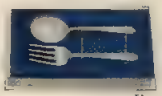
		List	Consumer
85227	Gravy Ladle. . . . . each	$3.38	$2.75
85226	Mayonnaise or Sauce Ladle . . . . . each	2.76	2.25

Carving Sets Stainless Blades and Tines

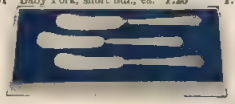
		List	Consumer Per Set
85436s	Meat Carving Set, 3 pcs.	$23.46	$18.00
85437s	Game Set, 2 pieces	15.98	12.25
85438s	Bird or Steak Set, 3 pieces	14.64	11.25
85439s	Bird or Steak Set, 2 pieces	10.44	8.00

		List	Consumer
85111	Salad Forks, Individual, set of six	$9.18	$7.50

		List	Consumer
85014	Orange or Grape Fruit Spoons . . . . . set of six	$7.05	$5.75



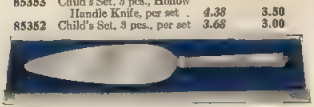
		List	Consumer
85304	Baby Spoon and Fork, short handles. . per set	$2.46	$2.00
85002	Baby Spoon, short hdl ,ea.	1.23	1.00
85101	Baby Fork, short hdl., ea.	1.23	1.00



		List	Consumer
85202	Butter Spreaders, set of six	$7.68	$6.25

		List	Consumer
85252	Tomato or Cucumber Server. . . . . each	$3.99	$3.25

		List	Consumer
85356	Child's Set, 3 pieces, Solid Handle Knife . . per set	$3.07	$2.50
85353	Child's Set, 3 pcs., Hollow Handle Knife, per set .	4.38	3.50
85352	Child's Set, 3 pcs., per set	3.68	3.00



		List	Consumer
85254m	Pie or Ice Cream Server, Mirror Finish Stainless Blade . . . . each	$5.52	$4.50

.1847 ROGERS BROS.

SILVERPLATE

87720M
Argosy Pattern
Illustrated
List, $44.24
Consumer, $35.25

The Giveaway Chest Series

No extra charge for these chests
For the price of the silverplate alone

Beautiful silverware—varying combinations of 26, 29, 34 and 50 pieces—enhanced by its setting in gay Paris-designed chests. Just that different, stylish touch that goes straight to a woman's heart — and pocket-book.

Note: All combinations listed on this or following page may be had with Table Spoons or Round Bowl Soup Spoons (instead of Dessert Spoons), if requested

With 26 Pieces—Covers for Six

6 Dinner Knives		6 Tea Spoons	1 Butter Knife	6 Dinner Forks	6 Dessert Spoons	1 Sugar Spoon		
Legacy	Argosy	Ancestral	Anniversary	Ambassador			*List*	Consumer
88720M	87720M	86720M	85720M	84720M	With Hollow Handle Knives, Mirror Finish Stainless Blades		*$44.24*	$35.25
88720S	87720S	86720S	85720S	84720S	With Hollow Handle Knives, Stainless Blades		*41.64*	33 25
88715S	87715S	86715S	85715S	84715S	With Solid Handle Knives, Stainless Blades		*35.12*	28 25

34 Pieces (Pieces of 8) in the Giveaway Chest—Covers for Eight

8 Dinner Knives		8 Dinner Forks	8 Tea Spoons	8 Dessert Spoons	1 Butter Knife	1 Sugar Spoon		
Legacy	Argosy	Ancestral	Anniversary	Ambassador			*List*	Consumer
88783M	87783M	86783M	85783M	84783M	With Hollow Handle Knives, Mirror Finish Stainless Blades		*$58.00*	$46.15
88783S	87783S	86783S	85783S	84783S	With Hollow Handle Knives, Stainless Blades		*54.50*	43.50
88782S	87782S	86782S	85782S	84782S	With Solid Handle Knives, Stainless Blades		*45.82*	36.80

Note: Above [illegible] are [illegible] which are [illegible]

INTERNATIONAL SILVER CO.

1847 ROGERS BROS.

SILVERPLATE

50 Pieces in the Givaway Chest—Covers for Twelve

Note: *In grey-lined silver and gold chest (not illustrated)*

Legacy	Argosy	Ancestral	Anniversary	Ambassador	12 Dinner Knives	12 Dinner Forks	12 Tea Spoons	12 Dessert Spoons	1 Butter Knife	1 Sugar Spoon	List	Consumer
88734M	87734M	86734M	85734M	84734M	With Hollow Handle Knives, Mirror Finish Stainless Blades						*$85.44*	$68.00
88734S	87734S	86734S	85734S	84734S	With Hollow Handle Knives, Stainless Blades						*80.22*	64.00
88732S	87732S	86732S	85732S	84732S	With Solid Handle Knives, Stainless Blades						*67.22*	54.00

54 Pieces (Pieces of 8) in the Givaway Chest (Illustrated below)

Legacy	Argosy	Ancestral	Anniversary	Ambassador		List	Consumer
88762M	87762M	86762M	85762M	84762M	With Hollow Handle Knives, Mirror Finish Stainless Blades	*$90.00*	$72.20
88762S	87762S	86762S	85762S	84762S	With Hollow Handle Knives, Stainless Blades	*86.50*	69.50
88763S	87763S	86763S	85763S	84763S	With Solid Handle Knives, Stainless Blades	*77.82*	62.85

The Essential Covers-for-Eight Assortment

And, in addition, a goodly company of fancy and serving pieces

8 Dinner Knives
8 Dinner Forks
8 Tea Spoons
8 Dessert Spoons
8 Butter Spreaders
8 Individual Salad Forks
2 Table Spoons
1 Cold Meat Fork
1 Gravy Ladle
1 Butter Knife
1 Sugar Spoon

Closed View

88762M
Legacy
Pattern
Illustrated
List, $90.00
Consumer, $72.20

INTERNATIONAL SILVER CO.

.1847 ROGERS BROS.

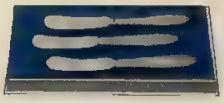
SILVERPLATE

ARGOSY PATTERN

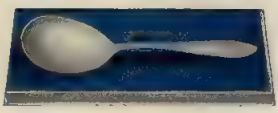
Delicate balance, joined with subtle, ornamental tracery—is the secret of the gay charm of this pattern.

Six in Box

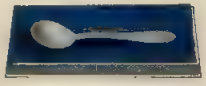
		Per Dozen List	Consumer
8701	Tea Spoons	$9.18	$7.50
8702	Dessert or Oval Soup Spoons	18.36	15.00
8703	Table or Serving Spoons	18.36	15.00
8704	Soup Spoons, Round Bowl	18.36	15.00
87006	Cream Soup or Cereal Spoons, Gift Box	18.36	15.00
87005	Bouillon Spoons, Gift Box	17.74	14.50
8705	Dinner Forks, Flat	18.36	15.00
8706	Dessert or Luncheon Forks, Flat	18.36	15.00



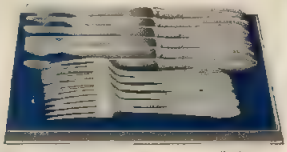
		List	Consumer
87202	Butter Spreaders, set of six	$7.68	$6.25



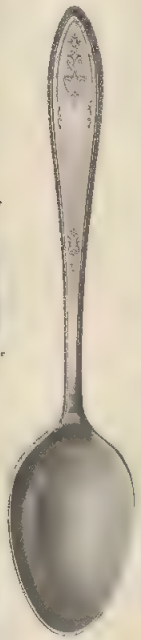
		List	Consumer
87003	Berry or Salad Spoon, each	$4.30	$3.50
87004	Berry Spoon, small each	3.38	2.75



		List	Consumer
87017	Sugar Spoon . . . . each	$1.53	$1.25



		Per Set List	Consumer
87483s	Six each, Solid Handle Dinner Knives, Stainless Blades, and Flat Dinner Forks	$18.32	$14.50
87484s	Six each, Solid Handle Dessert Knives, Stainless Blades, and Flat Dessert Forks	18.32	14.50



TEA SPOON
Actual Size

1847 ROGERS BROS. Silverplate is wrapped in anti-tarnish parchment.

Hollow Handle Knives—*Stainless Blades*

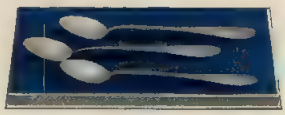
		Per Dozen List	Consumer
87402m	Dinner, Mirror Finish	$36.50	$28.00
87402s	Dinner	31.30	24.00
87404m	Dessert or Luncheon, Mirror Finish	36.50	28.00
87404s	Dessert or Luncheon	31.30	24.00
	Above knives have French shape blades		
87406s	Fruit	28.70	22.00

Solid Handle Knives—*Stainless Blades*

87472s	Dinner	$18.28	$14.00
87474s	Dessert or Luncheon	18.28	14.00
87475s	Fruit	16.32	12.50

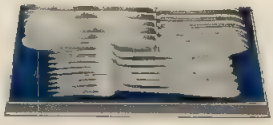
Above knives have French shape blades

		List	Consumer
87103	Cold Meat Fork, large each	$3.07	$2.50
87104	Cold Meat Fork, small each	2.46	2.00



		List	Consumer
87012	Iced Tea Spoons, set of six	$7.36	$6.00

		List	Consumer
87201	Butter Knife each	$1.53	$1.25
87301	Butter Knife and Sugar Spoon per set	3.06	2.50



		Per Set List	Consumer
87421m	Six each, Hollow Handle Dinner Knives Mirror Finish Stainless Blades, and Flat Dinner Forks	$27.44	$21.50
87421s	Above, Knives with Stainless Blades	24.82	19.50

INTERNATIONAL SILVER CO.

.1847 ROGERS BROS.

SILVERPLATE

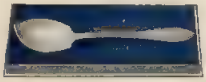
ARGOSY PATTERN

All fancy pieces are supplied, singly or in sets, in blue velvet-lined gift boxes, without extra charge.

			List	Consumer
87252	Tomato or Cucumber Server	each	$3.99	$3.25

			List	Consumer
87108	Pickle Fork, short	each	$1.84	$1.50

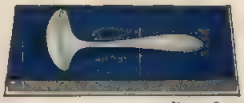
			List	Consumer
87008	Coffee Spoons	set of six	$4.59	$3.75



			List	Consumer
87204	Jelly Server	each	$2.15	$1.75

	Child's Sets, 3 Pieces	List	Per Set Consumer
87352	Knife, Fork and Spoon	$3.68	$3.00
87353	Spoon, Fork, B.H. Knife	4.38	3.50
87356	Spoon, Fork, Solid Handle Knife	3.07	2.50

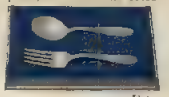
			List	Consumer
87253	Dessert Server	each	$5.22	$4.25



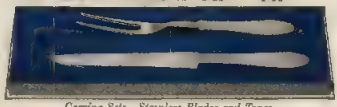
			List	Consumer
87227	Gravy Ladle	each	$3.38	$2.75
87226	Mayonnaise or Sauce Ladle	each	2.76	2.25

			List	Consumer
87001	Baby Spoon, bent	each	$1.23	$1.00

			List	Consumer
87014	Orange or Grape Fruit Spoons,	set of six	$7.05	$5.75



		List	Consumer
87304	Baby Spoon, Fork, short hdl.	$2.46	$2.00
87002	Baby Spoon, short hdl., ea.	1.23	1.00
87101	Baby Fork, short hdl., ea.	1.23	1.00



Carving Sets—Stainless Blades and Tines

		List	Consumer
87439s	Bird or Steak Set, 2 pieces	$10.44	$8.00
87436s	Meat Carving Set, 3 pieces	23.46	18.00
87437s	Game Set, 2 pieces	15.98	12.25

			List	Consumer
87111	Salad Forks, Individual,	set of six	$9.18	$7.50

Mobile, The City of Azaleas

By JAMES W. JONES
Washington, D. C.

YOU have all heard of the wonderful azalea garden at Charleston, South Carolina, and various other collections of those wonderful plants, but you are now to hear of a city of azaleas.

Fortunate are those travelers who arrive at the Alabama seaport of Mobile during the period when the Azalea Trail is marked with the flame of its innumerable blossoms. Should you not care much for flowers you will say like the World War veteran on his return, "I would not care to go through it again but I would not have missed seeing what I did for a million dollars."

The azaleas in fact, adopted the city of Mobile. Like the English sparrow and the starling, it liked its new home and thrived. But unlike those pestiferous birds, it proved to be a valuable addition, hence the suggestion was made and propaganda urged that an azalea trail be mapped and marked, that many new plantings be made and that the title of Azalea City be both earned and conferred.

This plan was accepted and carried out by the Mobile Junior Chamber of Commerce with such zeal that by blossom time in 1929, more than 4,000 plants had been added and the City Commission had appropriated the necessary funds to blaze the trail with permanent markers. These steel arrows, painted red on a white background and mounted upon blue steel posts seven feet high, mark each turn of the trail, which so winds along the live oak embowered streets as to lead the traveler within view of the most important plantings and many of the new ones, with many Camelia Japonicas, less riotous and more formal, exotics growing between, interlaced with fragrant spirals of wisteria, the latter blooming before the azalea blossoms depart, with a background of Magnolia Grandiflora.

On Washington's Birthday each year Mobile begins to don these garlands of red, white, near blues, rose, pink, purple and every shade of the rainbow except yellow, with shades and tints between that are too delicate to bear the weight of a distinctive color name.

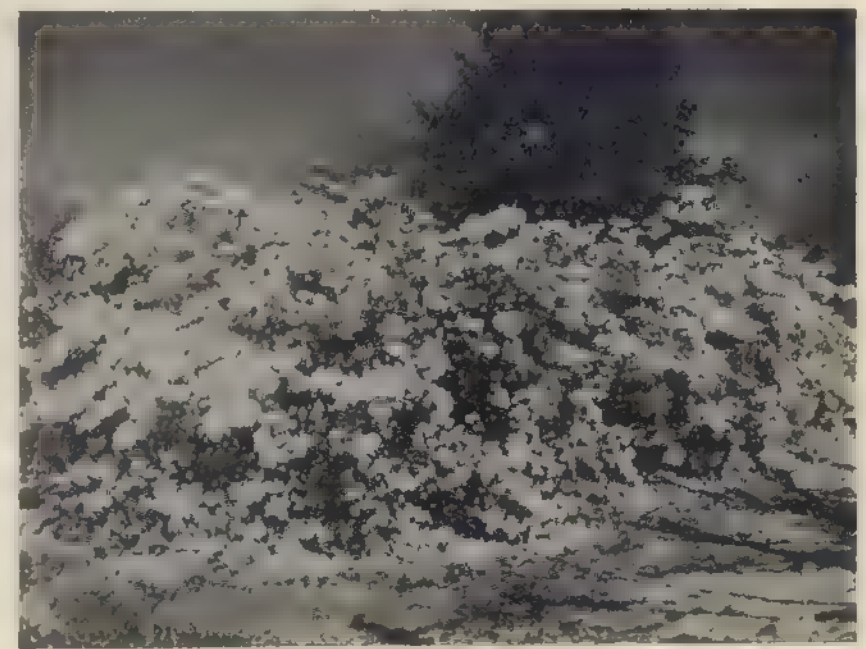
The Mobile Chamber of Commerce has prepared and printed a description of the route, including a map showing where the more important and interesting points are to be found, as well as azalea plantings.

Mobile's oldest azaleas are known to be nearly or quite one hundred years old. Some of these were probably brought from Middleton or Magnolia Gardens near Charleston, South Carolina, where it is recorded that the first Chinese azaleas in this country were planted in the year 1785. Many of the American pioneers who settled in and around Mobile on the heels of the French, Spanish and English Colonial occupants, were from the Carolinas and contact with that coast was maintained by land and sea, so it is more than probable that some of the Mobile plants, though certainly not all of them, could be traced to the celebrated Middleton Gardens beside the Ashley River.

Many of the older Mobile azaleas can be traced to Langdon, 29 miles north of Mobile, where Colonel C. C. Langdon, naturalist, world traveler and once Alabama's Secretary of State, made his home in 1853 and devoted his time for many years to the collection, planting and cultivation of trees, shrubs and flowers from all parts of the world. His collection included azaleas from China, India and possibly varieties from the Kingdom of Japan. This plantation, the grounds of which have been preserved in their natural wild beauty and grandeur, is now the property of Sam Houston Lackland, of Mobile, a lover of trees and flowers, and it was he who first suggested and vigorously urged the movement which brought into existence the Azalea Trail.

Mr. Lackland is responsible for the statement that there are at least two hundred varieties of azaleas in and around Mobile. The bushes, extremely floriferous in this region, begin to flower during their first year in the open. The blooming season, which begins in Mobile three weeks to a month earlier than on the Carolina coast, always includes Mardi Gras Carnival period, celebrated annually at Mobile with elaborate parades, masking and mystic society balls. Last year Mobile's Azalea Trail was officially opened for the season at 4:30 p. m., February 27.

Gathering in Bienville Square, interested citizens and visitors listened to the ceremonies and a speech by the Mayor. Officials of the U. S. S. Detroit took part in the ceremonies and in the motorcade traversing the route of the trail which led to Spring Hill College, five or six miles from the starting point and



Azaleas with a background of magnolia trees at Mobile. A mere black and white reproduction gives small hint of the riot of color and beauty in this scene.

back by another route. Several private estates were visited along the route, among them the Fields, McClure, McGowion, Bellingrath and Patterson estates, and the Blacksher Block on Government Street. Since 1929 there have been at least 20,000 azaleas planted within the limits of the Azalea Trail.

Mobile is proud of her history, her romances, her mystic societies, her flowers, her state docks and her growing commercial importance; and if you happen to be there during Mardi Gras, when the Azalea Trail is officially opened for 1931, you will find that she is also proud of her hospitality.

Good Foremanship

By N. L. DUNNING

Inspector of Safety, Evansville, Ind.

THE morning of January 8, 1931, was cloudy and hazy, the thermometer stood at 20 above zero and old "Mother Nature" had blanketed the ground with an inch of snow during the night. The putt-putt-putt of motor cars broke the stillness of the early morning at Mannington, Ky., on the Henderson Division. Section gangs were arriving to lay new steel just south of Mannington.

Extra gang foreman Chas. Southard and section foremen, C. B. McIntosh, Tom Teague and Raleigh Choate with their gangs gathered around the section tool house. Supervisor Thos. (Cap) Hammond walked up to the gangs rubbing his hands together in his usual manner, and with a cheery, "Good morning," he started giving instructions to the section foremen, regarding the laying of the new steel. The most rigid instruction given by him was, "Boys it's a bad morning and we don't want to hurt anybody. Watch your step and be careful."

The preparatory work was started. Train No. 95, "The Dixie Flyer," passed at 8:10 a. m., and then the work started in earnest. The west rail was cut loose and was shoved over in the clear and the extra gang walked to the first new rail to be laid. The rail was to be handled by hand with tongs. Extra gang foreman Chas. Southard walked up in front of the 18 men standing by the new rail. He addressed the men with these words. "Boys, we are ready to start, and I am going to give some instructions. The first thing, I am going to do the calling myself, as it is a bad morning, and I don't want anybody to get hurt. Keep your mind on your business and pay attention to me. Do what I tell you to do, and don't try to do any more. If anybody feels like they have not got a good foot hold, and are liable to slip, holler before I make the call, and not afterwards. Now let's go."

"Dogs on," and the rail tongs were applied on the rail. *"Set 'em up in the north,"* and the north end of the rail moved up towards the edge of the ties. *"Set 'em up all along,"* and the rail moved closer to the edge of the ties. *"Headline,"* and the rail was placed on the top of the ties. *"Bed time,"* and the rail was placed in line. *"Joint back,"* and the rail was pulled back against the joint, and the first new rail was laid.

The calls given by Foreman Southard were clear, loud, and distinct. There was little or no chance of a man failing to hear or misunderstanding the call. The men handling the rail were on the alert. There was no talking or boisterousness in this gang. The 18 men moved as one man, and not in a single instance was there a slip or a near accident. These men were handling rail safely, and were heeding the safety instructions given to them by their foreman.

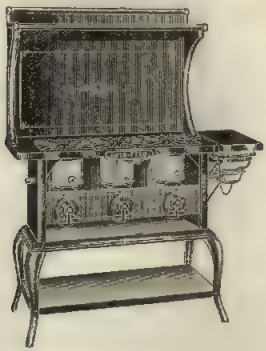
The three-quarter mile stretch of rail was laid without a scratch, and the conditions were bad, as the ground was slick, and covered with snow. Whole hearted safety spirit in the work by the foreman and the men avoided the chance of an accident.

Foreman Southard has served in the capacity of section foreman, and extra gang foreman for *twenty-one years.* He has had three reportable injuries to men in his gang in that period of time. In the past *eight* years there has been one injury in his gang. He says that he has always guarded against accidents and believes that with the proper supervision on the part of the foreman a majority of all accidents can be avoided. He will not permit swearing or practical joking in his gang, as he believes that it causes arguments and sometimes results in a fight, and above all it keeps the minds of the men off of their work, and opens a loop hole for an accident. Good foremanship means good Safety Records.

—Photo courtesy N. L. Dunning

Extra Gang Foreman Chas. Southard instructing his men on safety just before going to work.

AUTO-FEED OIL STOVE



The Auto-Feed is a thoroughly safe practical, wickless, leakless, oil stove. These stoves are handsome in appearance, steel frame construction, finished in black and gray; grates are large, square type, providing maximum cooking surface. Burners are genuine brass made from one piece, rustless and so constructed as to give an intensely hot fire with a minimum of fuel.

NO.	Burners	Hgt.	Top	Wt. Each	EACH
921	2	30¼ in.	25½x17½ in.	67 lb.	$18.60
931	3	30¼ in.	35x17½ in.	80 lb.	$23.60
941	4	30¼ in.	43½x17½ in.	93 lb.	$30.00

Splashers are gray. Extreme height with shelf, 53¼ inches; cooking height 30¾ inches.

NO.	Burners	Top	Wt. Each	EACH
921S	2	25½x17½ in.	87 lb.	$24.60
931S	3	35 x17½ in.	117 lb.	30.85
941S	4	43½x17½ in.	125 lb.	39.00

OIL STOVE PARTS

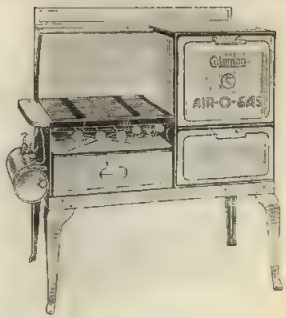
Auto-Feed

AF 4

Inner Perforated Tube of Burner Drum.

NO	EACH
AF4	$0.45

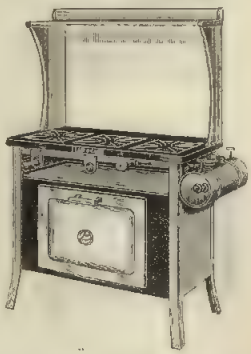
AIR-O-GAS GASOLINE STOVES



Coleman

Four burner type. White vitreous enamel finish. Large roomy built-in oven, lined with blue vitreous enamel. Heat indicator in oven door. A large broiler with door beneath the oven, also a large service drawer. One gallon fuel tank done in Duco finish. Oven and broiler are equipped with separate burners.

NO.	Lgth. In.	Ht. In.	Dp. In.	lb Each	EACH
322	45	48¼	23	240	$114.00



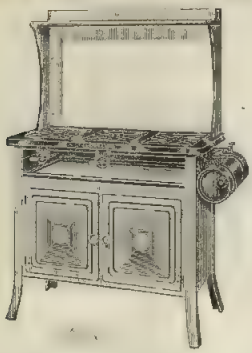
Coleman

A three-burner stove with a roomy built-in oven, high back mantel shelf, drip pan and no-burn grate. Finished in baked French gray enamel and baked black japan. Nickel trimmings; splasher, drip pan and oven door of white porcelain. Heat indicator in oven door. One gallon tank done in Duco finish.

NO.	Lgth. In.	Ht. In.	Dp. In.	lb Each	EACH
328	39½	54¼	19¼	187	$69.00

Available less V3 High Back. Price on application State if wanted less high back.

G AIR-O-GAS GASOLINE STOVES

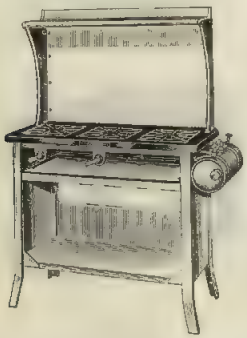


Coleman

A three-burner stove with warming cabinet, high back mantel shelf, drip pan and no-burn grate. Finished in baked French gray enamel with baked black japan cooking top; drip pan white porcelain. One gallon fuel tank in Duco finish.

NO.	Lgth. In.	Ht. In.	Dp. In.	lb Each	EACH
325	39½	56	19½	120	$39.00

Available less J3 High Back. Price on application. State if wanted **less High Back.**



Coleman

A three-burner model with high back, mantel shelf, drip pan and no-burn grate. Finished in baked French gray enamel with baked black japan cooking top; white porcelain drip pan. One gallon fuel tank.

NO.	Lgth. In.	Ht. In.	Dp. In.	lb Each	EACH
324	39½	56	19½	110	$37.50

Available less J3 High Back. Price on application. State if wanted **less High Back.**

Coleman

A three-burner stove with high back, mantel shelf, drip pan and no-burn grate. Finished in glossy baked black japan; mantel shelf and splash in light gray japan; drip pan of blue-gray porcelain. One gallon fuel tank.

NO.	Lgth. In.	Ht. In.	Dp. In.	lb Each	EACH
330	40	53½	17½	90	$34.50

Available less B3 High Back. Price on application. State if wanted **less High Back.**

Coleman

Three burner hot plate type of stove, with removable porcelain drip pan. Finished in black japan. One gallon fuel tank and instant gas starter.

NO.	Lgth. In.	Dp. In.	Ht. In.	lb Each	EACH
327	39½	17½	9½	66	$30.60

A two burner hot plate type of stove. Finished in baked black japan. One gallon fuel tank and instant gas starter.

NO.	Lgth In.	Dp. In.	Ht. In.	lb Each	EACH
326	28½	17	9½	55	$25.80

Coleman

A two burner type designed for use in motor boats, yachts, etc. Has adjustable lock galley rails which securely hold cooking utensils. Finished in rust-resisting zinc plate. One gallon fuel tank and instant gas starter.

NO.	Lgth. In.	Dp. In.	Ht. In.	lb Each	EACH
323	28½	17	9½	60	$28.20

HIGHEST QUALITY BICYCLES

THE TROOPER
MILITARY MODEL BICYCLE

FRAME — Double bar, drop frame, 19 inch, 5 inch head, 1 inch 19 gauge tube.

FORK — Orient, full enameled with reinforced braces, motorcycle type

CRANKS — Special 7 inch one-piece, patented.

GEAR — 26 tooth front, 10 tooth x 3-16 x 1 inch pitch rear.

HUBS — Coaster brake, Morrow with front hub to match.

RIMS — 36 hole, wood lined steel, nickel plated, rustproof spokes.

CHAIN — 3-16 inch x 1 inch pitch, roller, Diamond.

FINISH — Blue with black trim; red with black trim.

SADDLE — Motor bike No. 2.

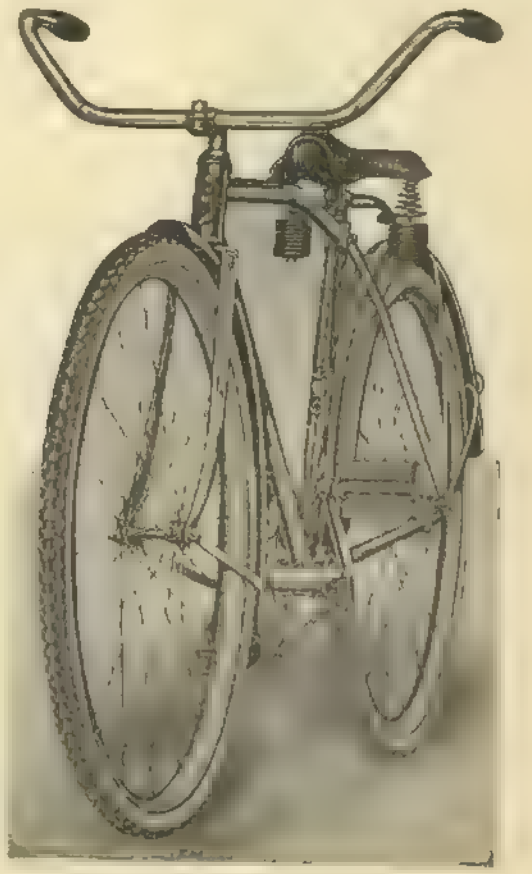
TIRES — Continental or United States.

PEDALS — Rubber motor

BARS — Motor bike bars with long rubber grip.

MUD GUARDS — Drop side, steel, front and rear, flat braces, enameled, with center stripe to match head.

PRICE $40 00



BRYN MAWR SPECIAL

FRAME — 18 inch drop frame

FORK — Orient, full enameled

CRANKS — Special 7 inch, one piece, patented

CHAIN — 3-16 inch x 1 inch pitch, roller, Diamond.

GEAR — 26 tooth front, rear 10 x 3-16 inch

HUBS — Coaster brake, Morrow with front hub to match.

RIMS — 36 hole, wood lined, steel, nickel plated, rustproof spokes

FINISH — Red with black trim; blue with black trim

SADDLE — Motor bike No 2.

TIRES - Continental or United States.

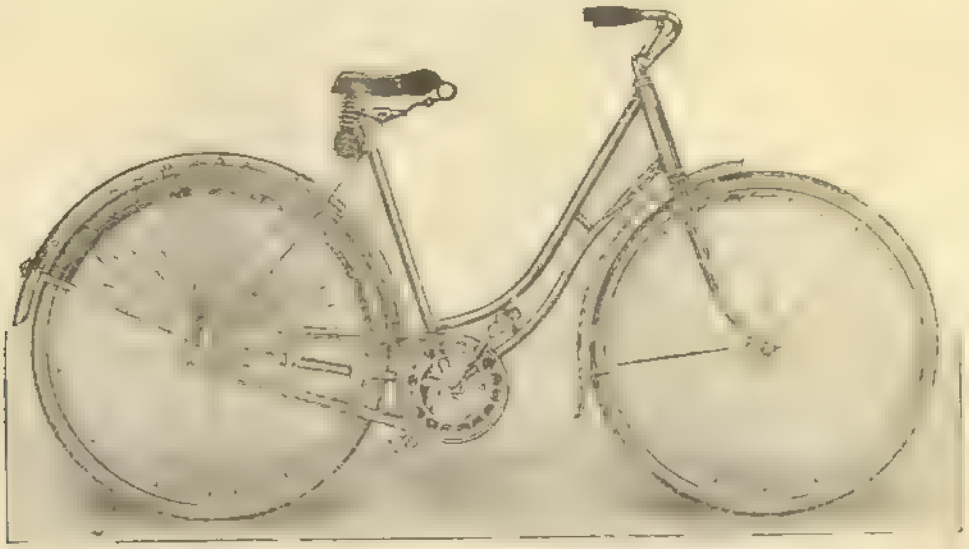
PEDALS — Rubber motor

BARS — California forward extension with long rubber grips.

MUD GUARDS — Drop side, steel, front and rear, flat braces enameled with center stripe to match head

PRICE $37 50

BRYN MAWR LADIES BICYCLE

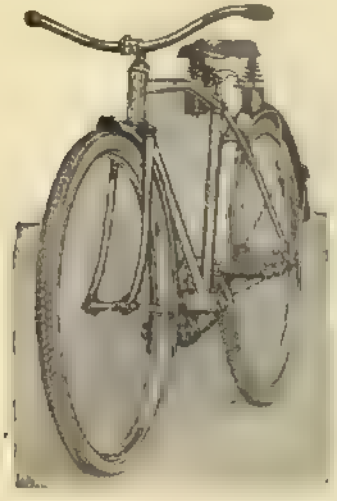


FRAME — 20 inch, 1 inch 19 gauge tube.
FORK — Orient, full enameled.
CRANKS — Special 6½ inch, one piece.
HUBS — Coaster brake, Morrow, with front hub to match.
GEAR — 22 tooth front; rear 10 x 3-16 inch.
RIMS — 36 hole, wood, enameled to match frame.
CHAIN — 3-16 inch x 1 inch pitch roller, Diamond.

PRICE . . .

FINISH — Blue with black trim; also black with blue trim.
SADDLE — Troxel Ladies' Comfort.
PEDALS — Ladies, full rubber.
TIRES — Continental or United States.
BARS — California with rubber grips.
CHAIN and DRESS GUARD — With net.
GUARDS — Drop side steel front and rear flat braces, enameled, with center stripe to match head.

$37 50



BRYN MAWR BOYS JUVENILE

BRYN MAWR BOY'S JUVENILE is made of one inch tubing, one piece hanger fitted with Diamond roller chains.

FRAME — Special boy's 17 inch drop frame with 26 inch wheels.

FINISH — Blue with black trim.

EQUIPMENT — Continental or United States 26 inch tires. Special Juvenile saddle and handle bars, rubber pedals, Morrow brake, and mud guards.

PRICE $30 00

BRYN MAWR GIRLS JUVENILE

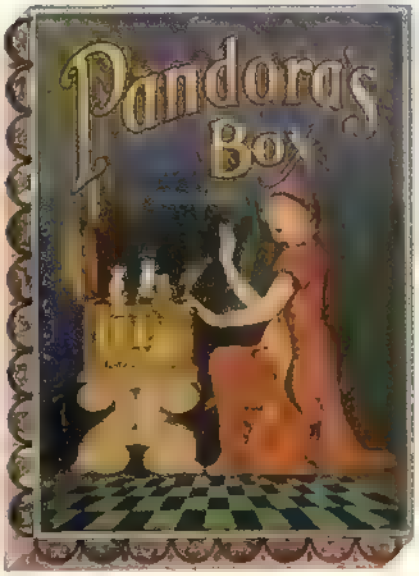
BRYN MAWR GIRL'S JUVENILE is made of one inch tubing, one piece hanger fitted with Diamond roller chain.

FRAME — Regular girl's roadster model, 17 inch with 26 inch wheels.

FINISH — Blue with black trim.

EQUIPMENT — Continental or United States 26 inch tires. Special Juvenile saddle and handle bars, rubber pedals, Morrow brake and mud guards.

PRICE $32 00



Pandora Picture Puzzles

The Line "Beautiful"

The colors are gorgeous; the pictures are original and will be found nowhere else except in the PANDORA LINE.

The subjects include our artists' own interpretations of popular nursery and fairy-tale favorites, and several new creations of likeable children's characters.

The PANDORA LINE embodies the best in Picture Puzzles.

An exceptional feature is that all puzzles are wrapped in pure white cellophane which insures the true portrayal of their wonderful coloring, thereby eliminating the necessity of handling by the customer.

The Puzzles are lithographed in five colors, varnished, mounted on heavy cardboard and cut in large pieces, each puzzle being lined on the back with an individual color.

No. 503—Pandora Box of Puzzles

Subjects: Four

A) Froggie Went A-wooing; B) The Owl and Pussy Cat.
C) Four Fuzzy Puppies; D) Four Wuzzy Kittens

Puzzle Size: 9 x 6¼ inches Box Size: 12¾ x 9¼ inches

Description: Varnished original prints, cut in large pieces, wrapped in cellophane, sealed to heavy baseboard

Packed ½ dozen . . . . . **Retails 50c**

They're Wrapped in Cellophane

No. 301—Funny Land Series

Subjects: Two

A) Froggie went A-wooing
B) The Owl and Pussy Cat

Puzzle Size: 9 x 6¼ inches
Box Size: 9¼ x 6½ inches

Description: Varnished original prints, cut in large pieces, wrapped in cellophane, sealed to heavy baseboard for protection.

Packed 1 dozen . . . . . **Retails 25c**

No. 502—Fuzzy Wuzzy Series

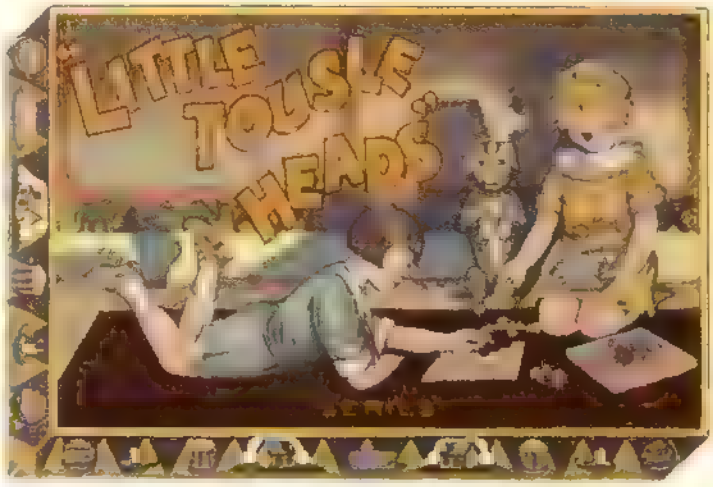
Subjects: Two

A) Four Fuzzy Puppies
B) Four Wuzzy Kittens

Puzzle Size: 9 x 6¼ inches
Box Size: 9¼ x 6½ inches

Description: Varnished original prints, cut in large pieces, wrapped in cellophane, sealed to heavy baseboard for protection.

Packed 1 dozen . . . . . **Retails 25c**



No. 508
Little Tousle Head Series

Subjects: Six

A) The Tousle Heads wake up
B) The Tousle Heads go to breakfast
C) The Tousle Heads on a hike
D) The Tousle Heads at the beach
E) The Tousle Heads in time for tea
F) The Tousle Heads say their prayers

Puzzle Size: 9¼ x 7¼ inches
Box Size: 15 x 9½ inches
Description: Varnished original prints, cut in large pieces, wrapped in cellophane, sealed to heavy baseboard for protection.

Packed ½ dozen . . . **Retails $1.00**

No. 509—Buddies Three Series

Subjects: Three

A) Buddies Three at School
B) Buddies Three at Play
C) Buddies Three at Work

Puzzle Size: 12 x 9½ inches Box Size: 12¼ x 9¾ inches

Description: Varnished original prints, cut in large pieces, wrapped in cellophane, sealed to heavy baseboard for protection.

Packed ½ dozen **Retails $1.00**

Sliced Pictures

The Best Object Teacher Known
A Combination of Amusement and Instruction

Twenty-five Cent Editions

No. 20—Sliced Animals. Consists of four distinct subjects, HORSE, SHEEP, CAT and CAMEL. Size of Box 8¼ x 5⅝ inches.
Packed 1 dozen . . . **Retails 25c**

No. 21—Sliced Birds. Consists of four distinct subjects, DUCK, ROBIN, CHICKEN and EAGLE. Size of Box 8¼ x 5⅝ inches.
Packed 1 dozen **Retails 25c**

Fifty Cent Editions

No. 22—Sliced Animals. Consists of five distinct subjects, HORSE, SHEEP, CAT, CAMEL and ZEBRA. Size of Box 10¼ x 9⅛ inches.
Packed ½ dozen **Retails 50c**

No. 23—Sliced Birds. Consists of five distinct subjects, DUCK, ROBIN, CHICKEN, EAGLE and GOOSE. Size of Box 10¼ x 9⅛ inches.
Packed ½ dozen . . . **Retails 50c**

LADIES "SUN OR RAIN" ALL SILK COLORED UMBRELLAS

GUARANTEED WATER-PROOF AND FAST COLORS

EACH STYLE is made in the following colors:
Blue, Green, Brown, Purple, Red and Black

Order by numbers, stating colors wanted. Descriptions of umbrellas complete are as follows:

No 5550	16 ribs, Gilt frame, Pure silk, beautiful Ombre design, Combination Peach and Moonglow Pyralin handle	Price complete each $15.00
No 5551	16 ribs, Gilt frame Pure silk beautiful Ombre design, Combination Moonglow and Peach Pyralin handle	Price complete each $15.00
No 5652	16 ribs, Gilt frame, Pure silk, beautiful Ombre design Combination Moonglow and Shell Pyralin handle	Price complete each $18.00
No 5653	16 ribs Gilt frame Pure silk, beautiful Ombre design Combination Peach and Shell Pyralin handle	Price complete each $18.00
No 5754	16 ribs, Gilt frame, Pure silk, beautiful Ombre design Combination Agate and Shell Pyralin handle	Price complete each $21.00
No 5755	16 ribs Gilt frame, Pure silk beautiful Ombre design, Shell Pyralin hand carved bird handle	Price complete each $21.00
No. 5906	16 ribs, Gilt frame, Pure silk, beautiful Ombre design, Moonglow Pyralin, hand painted handle	Price complete each $25.00
No 5907	16 ribs, Gilt frame, Pure silk, beautiful Ombre design, Fine hand carved bird handle	Price complete each $25.00

DO NOT FAIL TO STATE NUMBERS AND COLORS DESIRED

Handles have fine silk cords to match silks Umbrellas have tips and ferrules to match handles

LADIES "SUN OR RAIN" ALL SILK COLORED UMBRELLAS

GUARANTEED WATER-PROOF AND FAST COLORS

EACH STYLE is made in the following colors:

Blue, Green, Brown, Purple, Red and Black

Order by numbers, stating colors wanted. Descriptions of umbrellas complete are as follows:

No 4350	16 ribs. Gilt frame. Pure silk. Moonglow Pyralin handle 'Prince of Wales' style	Price complete each **$10.00**
No. 4351	16 ribs. Gilt frame. Pure silk. Peach Pyralin handle, "Tourist Style" for traveling	Price complete each **$10.00**
No 4352	16 ribs. Gilt frame. Pure silk. Peach Pyralin handle	Price complete each **$10.00**
No. 4353	16 ribs. Gilt frame. Pure silk. Moonglow Pyralin handle	Price complete each **$10.00**
No 4454	16 ribs. Gilt frame. Pure silk. Combination Peach and Moonglow Pyralin handle	Price complete each **$12.50**
No. 4455	16 ribs. Gilt frame. Pure silk. Silver Pearlized Pyralin handle, hand decorated, assorted designs	Price complete each **$12.50**
No 4456	16 ribs. Gilt frame. Pure silk. Fine wood hand carved dog head on Peach Pyralin post	Price complete each **$12.50**
No. 4457	16 ribs. Gilt frame. Pure silk. Peach Pyralin handle carved and decorated 'Prince of Wales' style	Price complete each **$12.50**

DO NOT FAIL TO STATE NUMBERS AND COLORS DESIRED

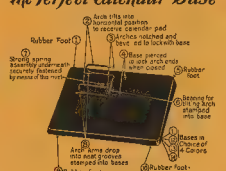
Handles have fine silk cords to match silks. Umbrellas have tips and ferrules to match handles.

New Colors to Bring You Extra Calendar Sales

THE Success LINE

TRADE MARK REGISTERED

The Perfect Calendar Base


Arch tilts into horizontal position to receive calendar pad
Rubber Foot
Arches notched and bent out to lock in base
Spring assembly under-neath securely fastened by means of this rivet
Base pierced to let arch ends through when closed
Rubber foot
Bottoms for fitting arch standard into base
Arch arms drop into seat grooves stamped into bases
Bases in Choice of 4 Colors
Rubber foot
Rubber Foot

14 New Features 14

PAD CARTON

UPRIGHT STYLE

Stands Only

	Each	Per Doz.
CK3113—Chinese Red	.70	7.20
Pads Only for Above	Each	Per Doz.
CK13 3½x4½ inches	.50	5.70

UPRIGHT STYLE

Stands Only

	Each	Per Doz.
CK3113—Olive Green	.70	7.20
Pads Only for Above	Each	Per Doz.
CK13 3½x4½ inches	.50	5.70

Stands Only

	Each	Per Doz.
CK3013—Black	.70	7.20
Pads Only for Above	Each	Per Doz.
CK13 3½x4½ inches	.50	5.70

Stands Only

	Each	Per Doz.
CK3213—Mahogany Brown	.70	7.20
Pads Only for Above	Each	Per Doz.
CK13—3½x4½ inches	.50	5.70

FLAT STYLE

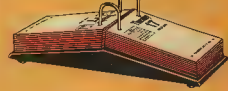
Shown With Pad CK13 for Single Desk CK3112

Dealers throughout the Country are astonished at the wonderful sales they are enjoying with Columbian Success Desk Calendars. Formerly Desk Calendars were only ordered once a year.

Now, with Columbian Success Desk Calendars finished in four attractive colors dealers turn their stock several times and throughout the year have larger sales on Desk Calendars than ever before.

You, too, can make these extra sales profits by having your line of Columbian Success Desk Calendars and Pads on hand and displayed prominently.

FLAT STYLE



Shown With Pad CK12 for Double Desk CK3012

Four attractive lacquer finishes. Olive Green, Satin Black, Chinese Red, Mahogany Brown. A color to suit any scheme of decoration.

All Columbian Success Pads are now red-edged. This feature gives to them an identifying stamp of distinction. Success Pads fit all standard bases.

Stands Only

	Each	Per doz.
CK3012—Black	.70	7.20
CK3112—Olive Green	.70	7.20
CK3212—Mah Brown	.70	7.20
CK3312—Chinese Red	.70	7.20
Pads Only for Double Desk		
CK12—3½x4½ inches	.50	5.70
Pads Only for Single Desk		
CK13 3½x4½ inches	.50	5.70

No need to wrap a Success stand or pad. They are packed each in an individual carton which protects the finish on the stand and the edges on the pad. In addition the pad is string tied for ease in inserting prongs on stand.

It's the quickest and easiest sale to make, right over the counter.

A. C. McCLURG & CO. Chicago

THE Success LINE

TRADE MARK REGISTERED

OF NEW AND IMPROVED DESK CALENDARS

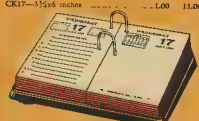
JUMBO BOOK STYLE

Stands Only

	Each	Per Doz.
CK3127—Chinese Red	1.00	10.80

Pads Only for Above

	Each	Per Doz.
CK17—3½x6 inches	1.00	11.00



Stands Only

	Each	Per Doz.
CK3017 Black	1.00	10.80

Pads Only for Above

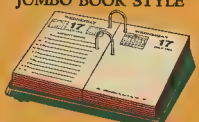
	Each	Per Doz.
CK17 -3½x6 inches	1.00	11.00

The Jumbo Book Style is the ideal calendar for the executive's office. Hourly appointments on each left-hand sheet. Ample space for extensive notations. The demand for this style *is* increasing rapidly.

All Columbian "Success" pads are lithographed on Bond paper. A new feature is the general information section in the back of each pad. This section contains Rates of Postage, Interest Tables, Table of Weights and Measures, and other information of general interest usually contained in diaries.

There are also Columbian "Success" Pads to fit all standard calendar bases. See table.

JUMBO BOOK STYLE



Stands Only

	Each	Per Doz.
CK3127 Olive Green	1.00	10.80

Pads Only for Above

	Each	Per Doz.
CK17—3½x6 inches	1.00	11.00

Stands Only

	Each	Per Doz.
CK3217—Mahogany Brown	1.00	10.80

Pads Only for Above

	Each	Per Doz.
CK17—3½x6 inches	1.00	11.00

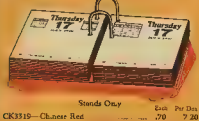
Columbian "Success" Desk Calendar Stands have four rubber feet so no metal touches the desk, and have nickel-plated arches which lock when snapped into position so sheets cannot fall out.

All the features essential to modern merchandising have been incorporated in this new and improved line. "Success" calendars mean greater sales and larger profits.

SUCCESS PADS FOR OTHER BASES

	Each	Per Doz.	Pershing Base As
CK14—3½x4⅛	.50	5.70	Handy No. 1
CK16—3½x4⅛	.50	5.70	Perfection No. 6
CK26—2⅛x3½	.68	8.00	Perfection No. 7

BOOK STYLE

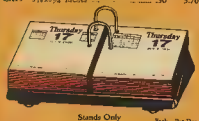


Stands Only

	Each	Per Doz.
CK3319—Chinese Red	.70	7.20

Pads Only for Above

	Each	Per Doz.
CK19—3½x3¾ inches	.50	5.70



Stands Only

	Each	Per Doz.
CK3019—Black	.70	7.20

Pads Only for Above

	Each	Per Doz.
CK19—3½x3¾ inches	.50	5.70

MINIATURE STYLES

Upright Stands Only

	Each	Per Doz.
CK3025 Black	.70	7.20
CK3125—Olive Green	.70	7.20
CK3225—Mah. Brown	.70	7.20
CK3325—Chinese Red	.70	7.20

Pads Only

	Each	Per Doz.
CK25—2⅛x3¼ inches	.68	8.00

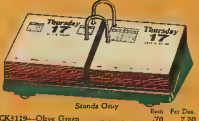
Book Form Stands Only

	Each	Per Doz.
CK3027—Black	.70	7.20
CK3127—Olive Green	.70	7.20
CK3227—Mah. Brown	.70	7.20
CK3327—Chinese Red	.70	7.20

Pads Only

	Each	Per Doz.
CK27 2⅛x3⅛ inches	.68	8.00

BOOK STYLE

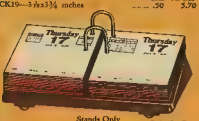


Stands Only

	Each	Per Doz.
CK3119—Olive Green	.70	7.20

Pads Only for Above

	Each	Per Doz.
CK19—3½x3¾ inches	.50	5.70



Stands Only

	Each	Per Doz.
CK3219—Mahogany Brown	.70	7.20

Pads Only for Above

	Each	Per Doz.
CK19—3½x3¾ inches	50	5.70

A. C. McCLURG & CO., Chicago

More DOLLARS of PROFIT for you with LIONEL TRAINS

No other model electric trains in the world approach LIONEL in power, mechanical perfection, beauty or *VALUE*. You will find that LIONEL prices are lower for better quality, finer, more beautiful trains.

There is more money for you in handling LIONEL TRAINS. They are the most widely advertised trains in the world. They sell more quickly. They are what your customers demand. And there are *more dollars of profit for you in featuring this remarkable line.*

This year Lionel will inaugurate the greatest advertising campaign in its history—using Radio, Magazines, Newspapers, Catalogs and Displays. A Lionel magazine for boys is now published.

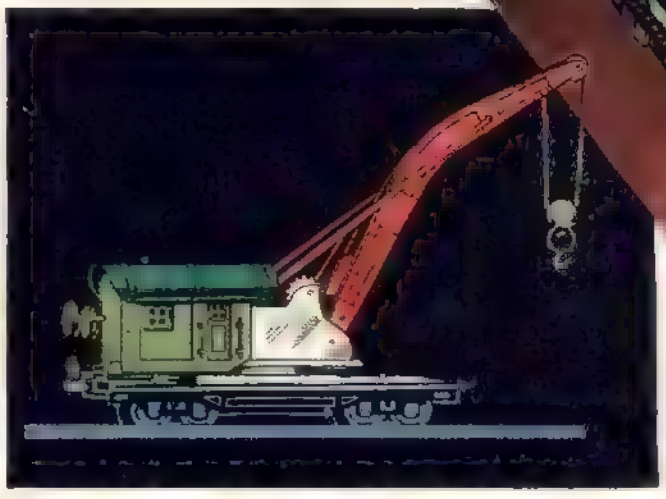
This Lionel Train Retails For

$27.50

No. 385. Passenger outfit "Lionel Standard" track. The greatest value ever offered in a steam-type outfit. A magnificent steam-type locomotive—a real giant of the rails, plus an illuminated pullman and an illuminated observation car. The price is remarkably low at $27.50 retail

BE PREPARED.
ORDER EARLY.
This Will Be a Record Lionel Year.

These 2 pages show you some of the outstanding LIONEL values for the 1930 Christmas season. Get aboard! Write for our interesting dealer proposition!



No. 810. "O" Gauge Operating Derrick Car. An important addition to the superb line of "O" Gauge freight cars. Accurately designed after most approved models. Complete operation of cab, boom and tackle. Retail Price $7.50

Retail Price $7.50

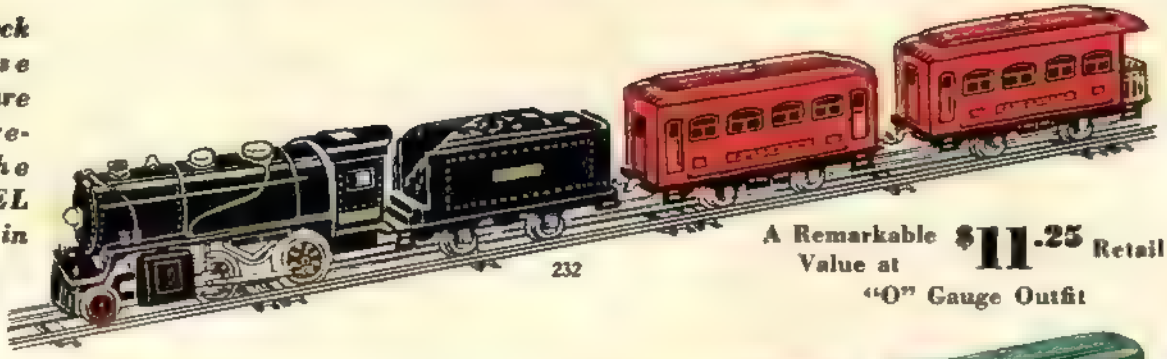
THE LIONEL CORPORATION, 15-17-19 East 26th Street, N. Y. City

LIONEL ELECTRIC TRAINS

Get Aboard—with these extraordinary

LIONEL TRAIN values for 1930

See that your stock includes these LIONEL feature items. Be prepared for the biggest LIONEL train business in history.



232

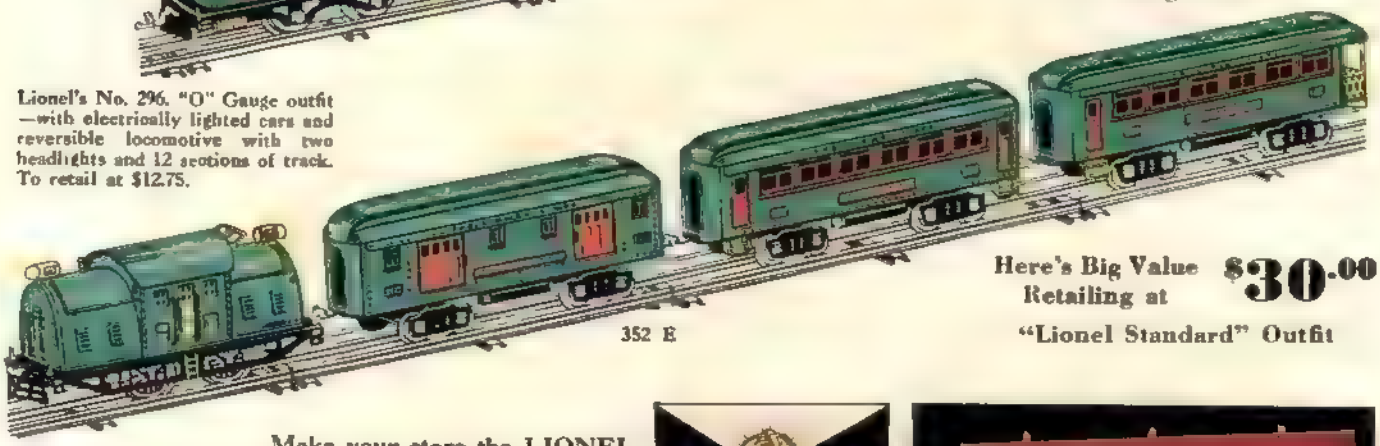
A Remarkable Value at **$11.25** Retail
"O" Gauge Outfit

Lionel's No. 232. "O" Gauge Steam-type passenger outfit with ten sections of track. To retail at $11.25.

296

An Exceptional Outfit to Retail at **$12.75**
"O" Gauge Outfit

Lionel's No. 296. "O" Gauge outfit —with electrically lighted cars and reversible locomotive with two headlights and 12 sections of track. To retail at $12.75.

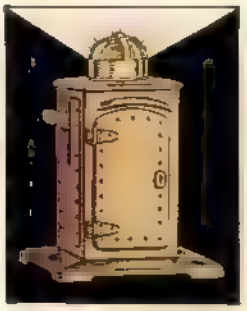


352 E

Here's Big Value Retailing at **$30.00**
"Lionel Standard" Outfit

Lionel's No. 352 E for "Lionel Standard" track. With "Distant-Control" super-motor locomotive. Illuminated cars with 12 sections of track.
To retail at $30.00.

Make your store the LIONEL Train Headquarters of your City. Show complete stocks! Feature Lionel Trains. They sell fast. They are the best known of all trains. They are the finest trains manufactured today. Write for our interesting dealer proposition.



New Lionel No. 91 Circuit Breaker

A strikingly fine Lionel accessory. Red light illuminates, and current is automatically shut off if train jumps the track. Functions as an automatic and never-failing safety signal. Retails for $3.25.

The New Lionel No. 155 Train Shed

Here is a new freight station—enameled in brilliant colors, staunchly constructed as only Lionel accessories are. It will help sell more freight trains. Retails for $7.50.

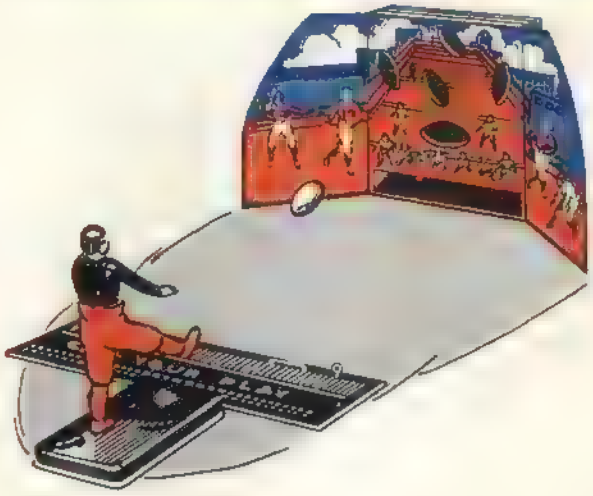
THE LIONEL CORPORATION
15-17-19 E. 26th Street
New York City

Lionel Western Coast Branch
M. Sweyd, *Representative*
788 Mission St.
San Francisco, Calif.

Lionel Canadian Branch
Harold F. Ritchie & Co., Ltd.
Toronto and Branches

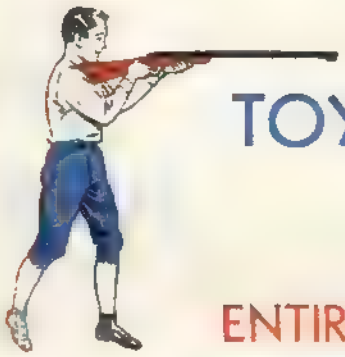
LIONEL ELECTRIC TRAINS

THE BIG THREE
IN THE TOY WORLD



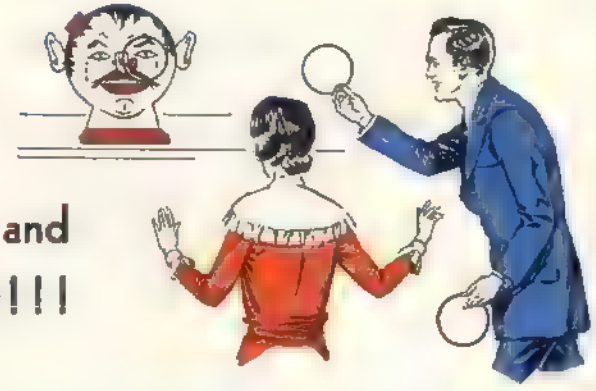
WOOLSEY'S
FOOTBALL
The Sensation of the
Chicago Toy Fair

EVERY
INDICATION
points to record
crashing sales for these WOOLSEY



TOY NOVELTIES!

See Next Page



ENTIRELY NEW!

completely different—and
priced for fast selling!!!

WOOLSEY MFG. CO., 2920 Talmadge St. S. E., MINNEAPOLIS, MINN.

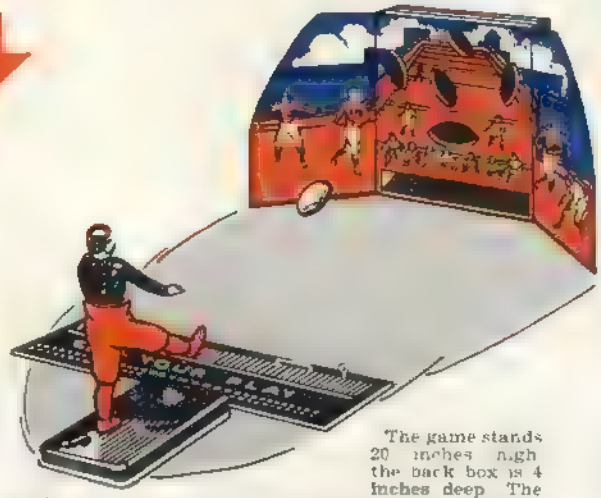
THE BIG THREE
IN THE TOY WORLD

Woolsey's Football Game

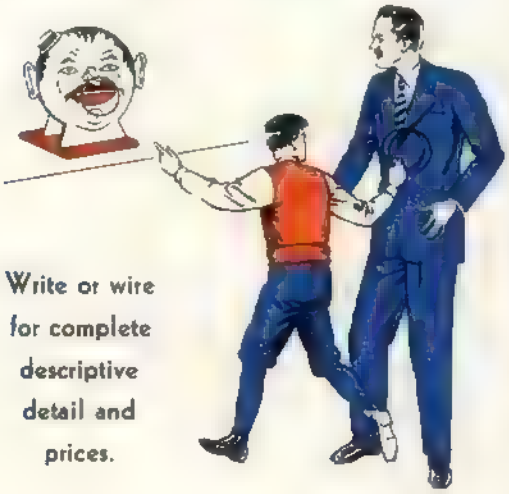
Woolsey's Football—the great indoor game for outdoor people. Everything indicates that this intensely fascinating game will be the outstanding selling sensation of the year. It teems with the action of a real game—it has the same element of chance, the same opportunities for thrills that pack millions of sport lovers into the university stadiums every year.

Press the lever and the kicker kicks the ball into the hole or out—a gain or a loss, according to your skill. For there is skill to this game. The tee is moveable and the ball can be placed for high or low kicks. Veteran toy buyers are keen for Woolsey's Football. The kids aren't the only ones that like this game. The grown-ups take to it, too.

Here's action skill and chance And a set-up with a flash that will win many, many sales.



The game stands 20 inches high the back box is 4 inches deep The playing surface is 18 inches wide—the wings 14 inches wide The player is made of cast iron and steel construction, stands 7 inches high on an 8-inch base. The game is beautifully finished in full colors The player is colorful and modeled faithfully Packed complete in shipping carton Play it and convince yourself that this is going to be a big seller during the football season Send sample order today



Write or wire for complete descriptive detail and prices.

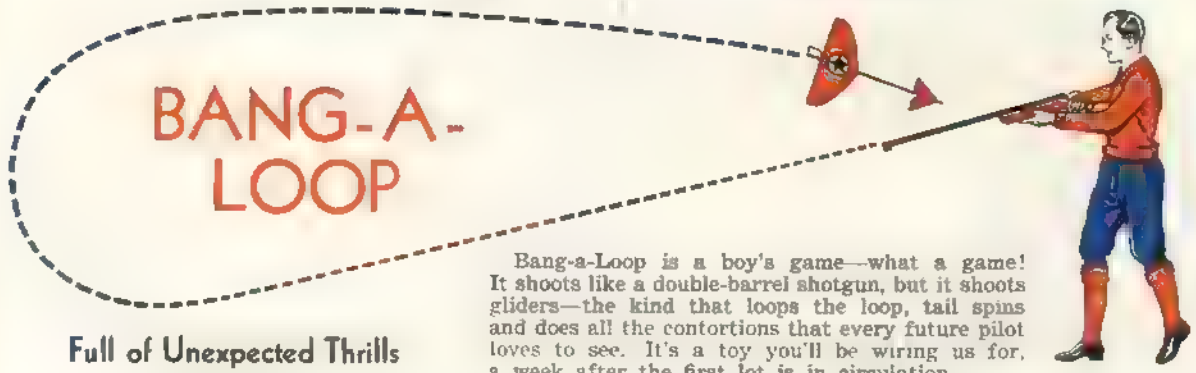
RING · A · NOSE!

Flip the ring over his nose—he makes outlandish faces he wiggles his eyes and ears, and he shows his teeth. But there's more to Ring-A-Nose than funny faces it's a game to see who can ring his nose most often. You'll say it's the best popular priced number you ever featured.

Send Sample Order Today

IT LOOPS ◆ IT GLIDES
TAIL SPINS

BANG-A-LOOP



Bang-a-Loop is a boy's game—what a game! It shoots like a double-barrel shotgun, but it shoots gliders—the kind that loops the loop, tail spins and does all the contortions that every future pilot loves to see. It's a toy you'll be wiring us for, a week after the first lot is in circulation.

Send Sample Order Today

Full of Unexpected Thrills

The Boy Can Make Gliders of Different Designs

WOOLSEY MFG. CO., 2920 Talmadge St. S. E., MINNEAPOLIS, MINN.

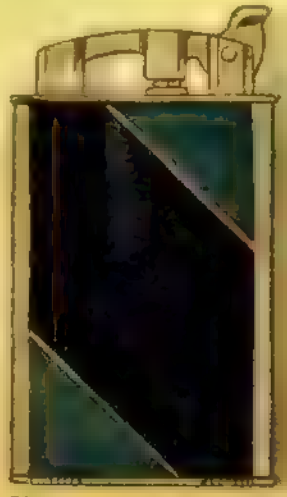
P52 List Price $6.24
Retail Price $5.00
Genuine leather alligator grain 18K green gold plated top and bottom

P53 List Price $6.24
Retail Price $5.00
Genuine leather black Scotch grain 18K green gold plated top and bottom

P54 List Price $6.24
Retail Price $5.00
Genuine leather brown moderna tic 18K green gold plated top and bottom

P55 List Price $7.50
Retail Price $6.00
Genuine snake skin 18K green gold plated top and bottom

P56 List Price $7.50
Retail Price $6.00
Genuine leather ostrich grain black enamel trim 18K green gold plated top and bottom



P59 List Price $8.75
Retail Price $7.00
Car ton Big Boy green and black enamel both sides 8K green gold plated top and bottom

P57 List Price $7.50
Retail Price $6.00
Red and black enamel both sides, 18K green gold plated top and bottom

P58 List Price $7.50
Retail Price $6.00
Chromium plated, hand engine turned both sides

P60 List Price $12.50
Retail Price $10.00
Genuine pearl and black both sides, 8K green gold plated top and bottom

P61 List Price $12.50
Retail Price $10.00
Genuine hard enamel, 18K green gold plated top and bottom

PAT PEND

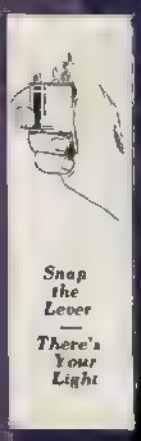
The CARLTON AUTOMATIC

TRADE MARK

SNAP THE LEVER – THERE'S YOUR LIGHT

From the first flame you will be pleased with the Carlton Automatic Lighter. It has fewer working parts and will not get out of order. No flint adjustment is necessary. The Carlton operates with one simple motion of the thumb—no wheels to turn or soil the fingers. The Carlton's sure as fate. Aside from being sure-fire a Carlton is smart in appearance. It is the thinnest lighter made. Both of these are sufficient reasons for Carlton's popularity with both men and women.

THIN
does not bulge the pocket



Snap the Lever — There's Your Light

A KUM-A-PART PRODUCT

SEE CARLTON AUTOMATIC LIGHTER SETS ON REVERSE SIDE.

P82 — List Price $10.64

Retail Price $8.50

Whole pack Cigarette Case genuine leather Blue pebble grain with Carlton Automatic Lighter to match. In attractive green and gold gift box.

P83 — List Price $11.26

Retail Price $9.00

Men's Cigarette Case; Whole-pack folder, genuine leather, Brown snake grain with Carlton Automatic Lighter to match. In attractive green and gold gift box

P84 — List Price $12.50

Retail Price $10.00

Men's Cigarette Case green gold finish covered both sides with genuine leather Black Scotch grain with Carlton Automatic Lighter to match In attractive green and gold gift box

P85 — List Price $15.64

Retail Price $12.50

Men's Cigarette Case, green gold finish Red and Black enamel both sides with Carlton Automatic Lighter to match In attractive green and gold gift box

CARLTON AUTOMATIC LIGHTER SETS

CARLTON TABLE AUTOMATIC LIGHTER

The Carlton Automatic Table Lighter works on the same sure, simple principle as the Carlton Automatic Pocket Lighter—*snap the lever there's your light*

SEE CARLTON AUTOMATIC LIGHTERS ON REVERSE SIDE

P66

List Price . . $12.50

Retail Price . $10.00

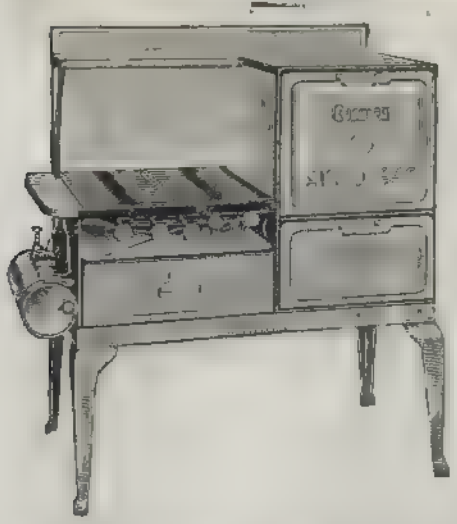
Carlton Automatic Table Lighter, Red and Black enamel both sides; 18K green gold plated top and bottom.

GASOLINE STOVES

Tested and Approved by the National Board of Fire Underwriters.

COLEMAN'S AIR-O-GAS, SAFETY PRESSURE

1929 Model.



Four Burner Cooking Top.

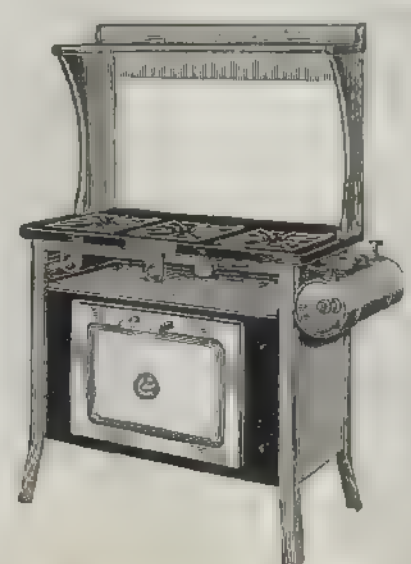
A handsome white vitreous enamel. Has a four burner cooking top 20x20 inches; large and roomy built-in oven, lined with blue vitreous enamel, an open door equipped with heat indicator, large broiler with door beneath the oven and a large service drawer 20 inches wide, 20 inches long and 6½ inches deep below the burner. Equipped with the new Coleman instant match lighting hot blast preheater that generates the stove to full cooking heat in two minutes or less. One generator supplies gas to all four burners which light immediately with matches. The oven and broiler are equipped with a separate burner which operates independently of the other burners. Gray duco finish 1 gallon fuel tank with hand operated filler plug, built in air pump, combination air and fuel gauge and fuel control valve.

Height over all 48½ inches	Depth of mantel shelf 8 inches
Depth over all 23 inches	Inside width oven 16 inches
Width over all 45 inches	Inside depth oven 19½ inches
Height to cooking top 32 inches.	Inside height oven 14 inches

Each

No. 322—Oven on right side **$246 00**

Crated; shipping wt each 240 lbs.



Three Burner, Cabinet Type.

Baked French gray enamel and black baked japan with nickel trimmings; white vitreous enamel splash, mantel shelf and oven door. Three burner in line cooking top; roomy built-in low oven with heat indicator. Duco finish 1 gallon fuel tank with built-in hand air pump, combination air and fuel gauge, hand operated filler plug and fuel control valve.

Height 54¾ inches; width 39½ inches; depth 19½ inches; cooking height 31½ inches; oven inside, width 12½ inches; depth 18 inches; height 13½ inches.

Each

No. 328—With high back and mantel shelf **$150 00**

Stove crated, high back in carton; shipping wt each 182 lbs.

GASOLINE STOVES

Tested and Approved by the National Board of Fire Underwriters.

COLEMAN'S AIR-O-GAS, SAFETY PRESSURE

1929 Model.

(No. 329)

Cabinet Type.

Baked French grey enamel with baked black japan cooking top. 3 All burners in line; duco finish 1 gallon fuel tank with hand operated filler plug, built-in air pump, combination air and fuel gauge and fuel control valve.

Height 56 inches; depth 19½ inches; cooking height 31½ inches.

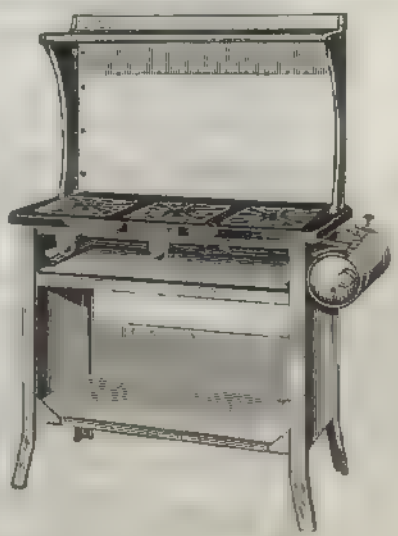
With High Back and Mantel Shelf.

Each

No. 329—Four burners; width 50½ ins; shipping wt each 145 lbs **$111 00**

No. 325—Three burners; width 39½ ins; shipping wt each 115 lbs **96 00**

Stove crated, high back in carton.



Three Burner.

Baked French gray enamel with baked black japan cooking top. Three burners in line, duco finish, 1 gallon fuel tank with built-in hand air pump, combination air and fuel gauge, hand operated filler plug, fuel control valve and starter valve.

Height 53½ inches; width 39½ inches; depth 17½ inches; height cooking top 31½ inches.

Each

No. 324—With high back, mantel shelf, drip pan and no-burn grate **$82 50**

Stove crated, high back in carton; shipping wt each 110 lbs.

GASOLINE STOVES

Tested and Approved by the National Board of Fire Underwriters.

COLEMAN'S AIR-O-GAS, SAFETY PRESSURE

1929 Model.

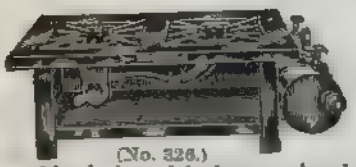
Three Burner.

Glossy black baked japan finish, with mantel shelf and splash finished in light gray japan. Regular Air-O-Gas burners and hot blast preheater; black duco finish 1 gallon fuel tank with built-in air pump, combined air and fuel gauge, hand operated filler plug and fuel control valve.

Height 53½ inches; width 40 inches; depth 17½ inches; cooking height 31½ inches.

	Each
No. 330—With high back, mantel shelf, drip pan and no-burn grate	$73 50

Crated; shipping wt 96 lbs.



(No. 326.)

Hot Plate Type. Portable.

Black baked japan finish. Regular Air-O-Gas burners; black duco finish 1 gallon fuel tank with built-in air pump, combined air and fuel gauge, hand operated filler plug and fuel control valve.

Depth 17 inches, height 9½ inches.

	Each
No. 326—Two burner; length 28½ inches; shipping wt each 53 lbs	$51 00
No. 327—Three burner; with removable porcelain drip pan; length 36½ inches; shipping wt each 66 lbs.	60 00

Crated.

LOW JUNIOR

Closed back and ends, japanned steel frame, nickel plated name plate, stationary japanned tank, improved burners, brass valve, cast iron grill covers.

Safe and free from the serious objections of smoke and odor. Height 14 inches.

Nos.	**020**	**030**
Number of burners	2	3
Size top, ins.	22x15	32x15½
Wt each, lbs.	24	30
Each	$15 30	21 00

One in crate.

BURNERS—For Gasoline Stoves.

	Each
No. H-160—Brass valve, cast iron grill covers; ½ in. pipe connection	$5 10

Packed loose; wt each 2 lbs.

REPAIR PARTS FOR COLEMAN'S AIR-O-GAS STOVES

Interchangeable For All 2, 3 and 4 Burner Models.

Preheater Parts.

	Each
No. 324-389—Generator	$0 48
No. 324-357—Valve complete	2 40
No. 324-373—Preheater feed tube and connection	72

Tank And Pump Parts.

No. 324-657—Tand fuel shut off valve complete	2 10
No. 650-136—Filler plug gasket	09
No. 650-140—Filler plug complete	1 50
No. 474-509—Pump leather	09
No. 474-515—Air stem	36
No. 216-538—Check valve, body and ball	48

For 3 Burner Stoves Only.

No. 310-238—Generator needle and holder (Two)	09
No. 310-256—Generator valve stem, needle and wheel complete	2 10
No. 310-262A3—Generator complete	4 80
No. 310-218A3—Gas Tip	24
No. 310-171—Fuel line and connection (tank to generator), complete. Give model of stove for which ordered	60

For 4 Burner Stoves Only.

No. 312-262A4—Generator complete	4 80
No. 312-218A4—Gas Tip	24

For Low Oven Stove Model No. 238

No. 318-218A0—Gas tip for oven generator (marked AO)	24
No. 318-263A0—Oven generator complete (tip marked AO)	4 80

Packed loose.

FIRE PROOF SAFES

COLUMBIAN

Steel body plates, angles, door jambs and frames. The steel angles at front and back are welded at corners and surrounded by hoop like bands of steel which give them the arched strength to support tremenduous loads. Tongue and groove on door furnish close contact around door frame and insulating material, conforming in shape to the extensions and depressions excluding the entry of flame. The density of fire-proof composition in walls and doors is unvarying, maintaining its fire resisting, properties indefinitely. Fitted with an armored combination lock reinforced by a drill proof steel plate between door plate, lock and bolt mechanism. The lock has many thousand changes and tumblers numbered so that any one may select their own combination. Black enameled dials with white numerals.

Finish—All safes except Nos. 100 and 125 finished in olive green baked enamel finish.

Locks—All safes equipped with 4 tumbler combination locks.

Black enameled finish with gold striping. Heavy wall pattern, for household use. Featuring a separate handle and dial operating through one hole in door. contains book space, knob drawer and pigeon hole that extends full depth of safe. Two nickel plated flat steel keys.

Nos.		100	125
Height, ins	Outside Dimensions	24½	27½
Width, ins.	Outside Dimensions	15	16
Depth, ins.	Outside Dimensions	18	19
Height, ins	Inside Dimensions	12	13¼
Width, ins.	Inside Dimensions	8	9
Depth, ins.	Inside Dimensions	9	10
Size sub treasury, ins.		4x4	6x5
Wt each, lbs.		270	330
Each		✦$135 00	✦150 00

Interior arrangement, 5x6 inch sub-treasury box, knob drawer, two pigeon holes and book space. Two flat nickel plated steel keys.

Nos.		140	145
Height, ins	Outside Dimensions	31	33
Width, ins.	Outside Dimensions	19¼	21¼
Depth, ins.	Outside Dimensions	21	22¼
Height, ins	Inside Dimensions	17¾	20
Width, ins.	Inside Dimensions	12¼	13¾
Depth, ins.	Inside Dimensions	12	13
Wt each, lbs.		380	445
Each		✦$177 00	✦204 00

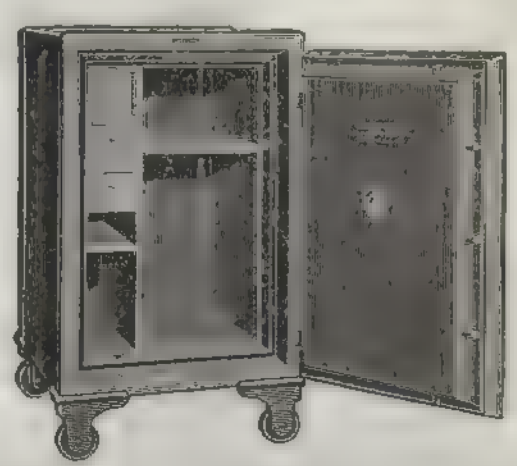
✦F. O. B. Kentucky Factory Only.

FIRE PROOF SAFES

COLUMBIAN

Interior arrangement, 6x6 inch sub-treasury box, with two nickel plated flat steel keys.

Nos.		One Knob Drawer. 3 Pigeon Holes. 150	Two Knob, Drawers. 2 Pigeon Holes. 155
He ght, ins	Outside Dimensions	35	37½
W.dth, ins.	Outside Dimensions	24	25
Depth, ins.	Outside Dimensions	24¼	25¼
Height, ins	Inside Dimensions	22¼	25
Width, ins.	Inside Dimensions	16⅝	17¾
Depth, ins	Inside Dimensions	15	16
Wt each, lbs		530	600
Each		✦$210 00	✦240 00



Interior arrangment, 6x5 inch sub-treasury box, lock drawer knob drawer, pigeon hole, small book space 13 inches high, 6 inches wide, large book space 30 inches high, 13 inches wide, and adjustable shelf.

No.		160
Height, ins.	Outside Dimensions	43½
Width, ins.	Outside Dimensions	26¼
Depth, ins.	Outside Dimensions	28¾
Height, ins.	Inside Dimensions	30
Width, ins.	Inside Dimensions	18½
Depth, ins.	Inside Dimensions	19¼
Each		✦$345 00

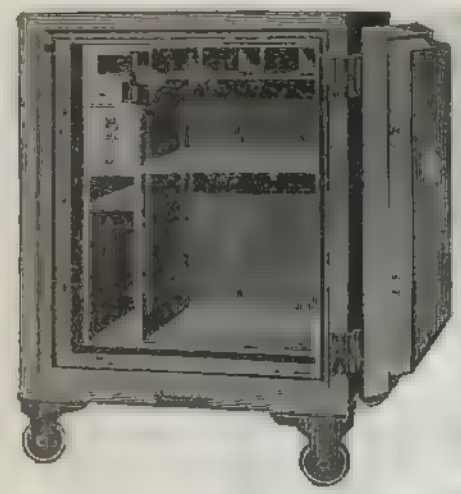
Shipping wt each 955 lbs.

✦F. O. B. Kentucky Factory Only.

Columbian Safes have a Nation wide reputation for safety.

They are one of the burglar's greatest enemies.

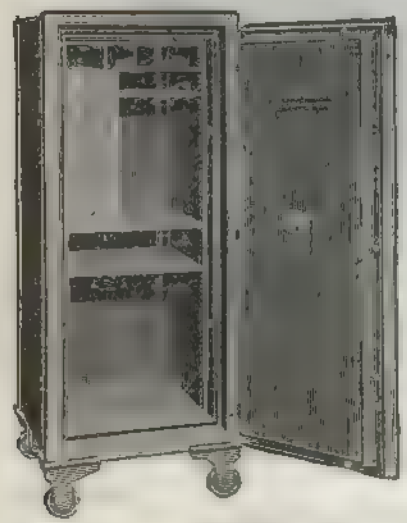
FIRE PROOF SAFES
COLUMBIAN



Interior arrangement, sub-treasury box 6x5 inches, cash drawer, one lock drawer, one knob drawer, four pigeon holes, small book space 13½x5 inches, large book space 26½x18⅜ inches and one adjustable shelf.

No.		165
Height, ins	Outside Dimensions	43½
Width, ins		32½
Depth, ins		28¾
Height, ins	Inside Dimensions	80
Width, ins		24½
Depth, ins		19¼
Each		✚$376 00

Shipping wt each 1085 lbs.



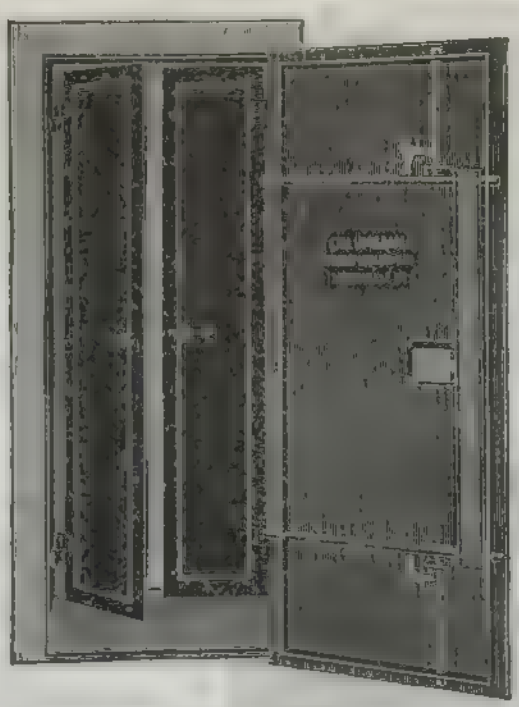
Interior arrangement 7x8 inch sub-treasury box, two lock drawers with nickel plated flat steel keys, one knob drawer, three regular size and and one large pigeon hole, two open spaces [illegible] inches and one adjustable shelf.

No.		180
Height, ins	Outside Dimensions	63¾
Width, ins		26¾
Depth, ins		28¾
Height, ins	Inside Dimensions	50½
Width, ins		19
Depth, ins		19¼
Each		✚$651 00

Shipping wt each 1300 lbs.

✚F. O. B. Kentucky Factory Only.

VAULT FRONTS
COLUMBIAN



Black baked enamel finish, gold striping. Outside door fitted with four tumbler combination lock, two round bolts working foward and backward, one up and one down, operating through an open hearth steel angle frame which is securely riveted to door plate. Inside doors strongly constructed, having up and down bolts and fitted with flat key lock. Requires wall opening 78 inches high, 32 inches wide and thickness of wall 20 inches. clearance through door after installation 74 inches, 28 inches wide.

	Each
No. 1—Wt each 600 lbs	✚$429 00

Black baked enamel finish, gold striping. Outside door fitted with four tumbler combination lock. Eight heavy round bolts, four working forward and backward, two up, [illegible] two down operating through an open hearth steel angle securely riveted to door plate. Inside doors strongly constructed having up and down bolts and fitted with flat key lock. Requires wall opening 78 inches high, 32 inches wide and thickness of wall 20 inches, clearance through door after installation 74 inches, 28 inches wide.

	Each
No. 3—Wt each 850 lbs	✚$540 00

✚F. O. B. Kentucky Factory Only.

WRENCHES

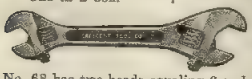
M

Genuine Crescent—Adjustable Regular Pattern

Drop forged steel carbonized, hardened in oil and tempered. The movable jaw is made of extra strong special alloy steel. The braces to the jaws form an opening to fit a hexagon nut. Head set 22½ degrees.

NO.	Length	Capacity	Wgt. Doz.	DOZEN
188-4	4 in.	½ in.	2 lb.	$ 7 80
188-6	6 in.	¾ in.	4 lb.	7 80
188-8	8 in.	1 in.	8 lb.	9 60
188-10	10 in.	1 1/16 in.	15 lb.	12 00
188-12	12 in.	1 5/16 in.	24 lb	18.00
188-15	15 in.	1 11/16 in.	51 lb	27.00
188-18	18 in.	2 1/16 in.	74 lb.	39.00

One in a box.



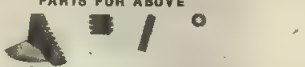
Crescent - Double-End Pattern

Same construction as Regular Pattern, except has double end. No. 68 has two heads equaling 6 and 8 in. regular wrenches. No. 810 equals 8 and 10 inches.

NO.	Length	Capacity	Wt. Doz.	DOZEN
46	6 in.	½ & ¾ in.	8 lb.	$13.00
68	8 in.	¾ & 1 1/16 in.	10 lb.	15.00
810	10 in.	1 1/16 & 1 1/4 in.	21 lb.	18.00
1012	12 in.	1 1/4 & 1 5/16 in.	23 lb	24.00

One in a box.

PARTS FOR ABOVE



Crescent Wrench Jaws

NO	For Wrench	EACH
A14J	4	$0.25
A16J	6	.25
A18J	8	.30
A110J	10	.40
A112J	12	.60
A115J	15	.85
A118J	18	1.15

Crescent Wrench Pins

NO.	For Wrench	EACH
A14P	4	$0.05
A16P	6	.05
A18P	8	.05
A110P	10	.05
A112P	12	.10
A115P	15	.10
A118P	18	.10

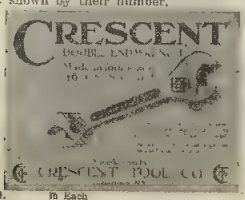
Crescent Wrench Knurls

NO.	For Wrench	EACH
A14K	4	$0.10
A16K	6	.10
A18K	8	.12
A110K	10	.15
A112K	12	.25
A115K	15	.35
A118K	18	.55

Crescent Wrench Springs

NO.	For Wrench	EACH
A14S	4	$0.05
A16S	6	.05
A18S	8	.05
A110S	10	.05
A112S	12	.05
A115S	15	.05
A118S	18	.05

NOTE—Double end wrenches take parts for both lengths as shown by their number.

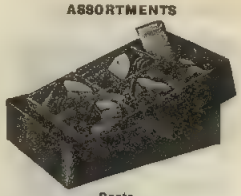


Crescent Double End Wrench Asst.

Assortment contains ½ doz. 6 to 8 double end wrenches and display card. One tool mounted on card, five in individual cartons. No charge for display.

NO.	In Each	EACH
DB6	5	$8.00

ASSORTMENTS



Parts

The cost of handling orders for repair parts is usually more than the profit if they are only ordered by the individual items as needed. Usually a certain amount is lost if carried in bulk. The assortment includes only parts having largest sale. The carton is of cardboard with compartments for each size and measures 4½x6½x1½ inches. The cost of the parts are regular dealers' prices. No charge for carton.

JAWS

Quantity	For Wrench. In.	EACH
2	4	$0.25
5	6	.25
4	8	.30
2	10	.40
1	12	.60

KNURLS

Quantity	For Wrench. In.	EACH
2	4	$0.10
3	6	.10
4	8	.12
2	10	.15
1	12	.25

PINS

Quantity	For Wrench. In.	EACH
2	4	$0.05
3	6	.05
3	8	.05
2	10	.05
1	12	.10

SPRINGS

Quantity	For Wrench. In.	EACH
2	4	$0.05
3	6	.05
3	8	.05
3	10	.05
2	12	.05

NO.	Wt. Each	ASST.
RPI	2 lb.	$7 13

One in a carton.

Crescent

Full assortment of Crescent wrenches on handsome quartered oak display board. The following is the list of wrenches in this assortment.—

Quantity	Length	List
6	4 in.	$5.90
12	6 in.	7.80
12	8 in.	9 60
6	10 in.	6 00
3	12 in.	4.50
1	15 in.	2.25
1	18 in.	2.25
6	6-8 in.	7 80
3	8-10 in.	4.50

NO.	Wt. Each	ASST
DB5	70 lb.	$49.80 $19.30

One in a carton.

M

WRENCHES

GENUINE CRESCENT ASSORTMENTS

This assortment contains 6 only 6 inch and 6 only 8 in. Crescent wrenches, including an attractive display board 8½x11 in., holding 3 of each.

NO.	Wt. Each	EACH
DB9	5½ lb	$10 00

This display board is made of heavy cardboard, attractively designed and provided with an easel back which locks and will not fall over on a glass show case. Mounted with 6 four inch Crescent wrenches. The six wrenches will be billed to you at regular discounts. No charge for display board.

NO.	EACH
DB3	$3.90

TOOL KITS

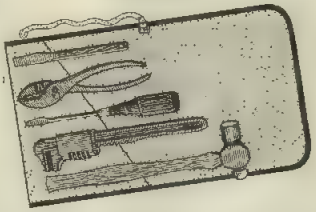
Genuine Crescent

Set contains 3 attractive and popular tools—6-inch thin straight nose Combination Pliers, 8-inch wrench and a "Hammer Handle Screw Driver" very handy for the auto side-pocket. Complete with canvas roll.

NO.	Wt. Each	EACH
TK31	1½ lb.	$2.35

One in a carton.

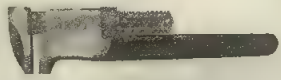
TOOL KITS



Set contains 5 tools—8 in. auto wrench—3 in. round shank screw driver—10 oz. ball pein hammer—½-in. cold chisel—6 in combination plier. Complete with canvas roll.

NO.	Wt. Each	EACH
1001	2 lb	$1.50

MONKEY WRENCHES



Trimo

Made mechanically correct; so constructed that the leverage increases in proportion to the increased size of the nut or object to which it is applied. Stationary jaw and handle are made in one piece.

NO.	Lgth. In.	Opens In.	lb Doz.	DOZEN
3-8	6	1	7	$15 00
3-8	8	1 1/8	17	18 00
3-10	10	1½	25	22 00
3-12	12	2¼	42	28 00
3-15	15	2⅞	66	38.00
3-21	21	4⅛	120	58.00

YOU WILL FIND

The Sonny Line

of

Juvenile Coaster Wagons

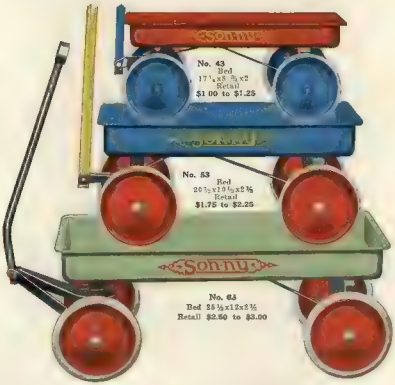
(THEY ARE NOT TOYS)

Good Fall & Christmas Profit Makers

The Largest, Strongest and Finest—at Lowest Prices

THE SENSATIONAL SELLERS OF THE YEAR

Try a Sample Dozen - Assorted - One Carton Of Each Size



All Sizes Equipped with Large Size Rubber Tires

Unequalled in Value

Retail from $1.00 to $3.00

Built of the same heavy steel as the larger coaster wagons, they are as strong and sturdy. One piece drawn metal beds with braces to front and rear axles makes them good for long hard abuse. Your trade will appreciate this high quality and at the low prices they will show you a handsome profit.

PACKED FOR YOUR BENEFIT. No. 43—6 to a Carton; No. 53—4 to a Carton. No. 63—2 to a Carton. If you are not familiar with the extraordinary value built into Sonny Wagons, order a dozen through your jobber, set them up in your show window, you will be surprised how their handsome appearance will help you sell them.

If your jobber has not stocked these numbers write us his name.

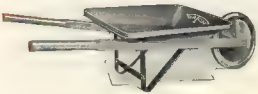
The DAYTON TOY & SPECIALTY COMPANY

1114 Bolander Ave. Dayton, Ohio

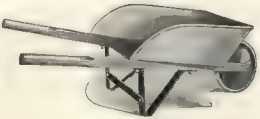
Complete Line on Display at Our New York Permanent Office, 200 5th Avenue—Room 409

Also Strobel-Wilken Co., Inc., 33 E. 17th Street, New York City

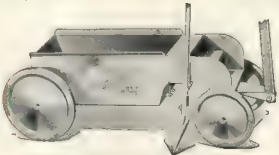
Some of our popular priced Toys—also strong and sturdy and good profit makers:



No. 18—DAYTON
Retails for $ .50



No. 23—EAGLE
Rubber Tired Retails for $1.00

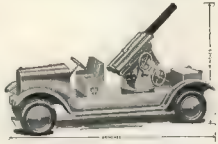


No. 30—DUMP ACTION—CLOSED
A New Type of Sand Wagon of Very Heavy Steel.
Retails $2.00

No. 60—CANNON
With Two Safety Shells
Heavy Steel, Extra Strong. Retails $1.00

No. 96—CANNON AND CAISSON
Made of Heavy Steel. Caisson Has 8 Safety Shells. Retails $2.50

No. 6—"SON-NY" U. S. ARMY TRUCK
Detachable Top Over Driver's Seat
Removable Frame and Cover Over Bed
Largest Size, Heavy and Strong Retails $4.50



No. 7—"SON-NY" AUTO AIRCRAFT TRUCK
Large Size. Heavy and Strong Patents Pending
Retails $5.00

No. 1—"SON-NY" DUMP TRUCK
Large Size. So Strong a Child Can Ride on Them.
Retails $3.00

No. 3—"SON-NY" PARCEL POST
Largest Size. Retails $4.00

Send for complete catalog

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1114 Bolander Ave. **Dayton, Ohio**

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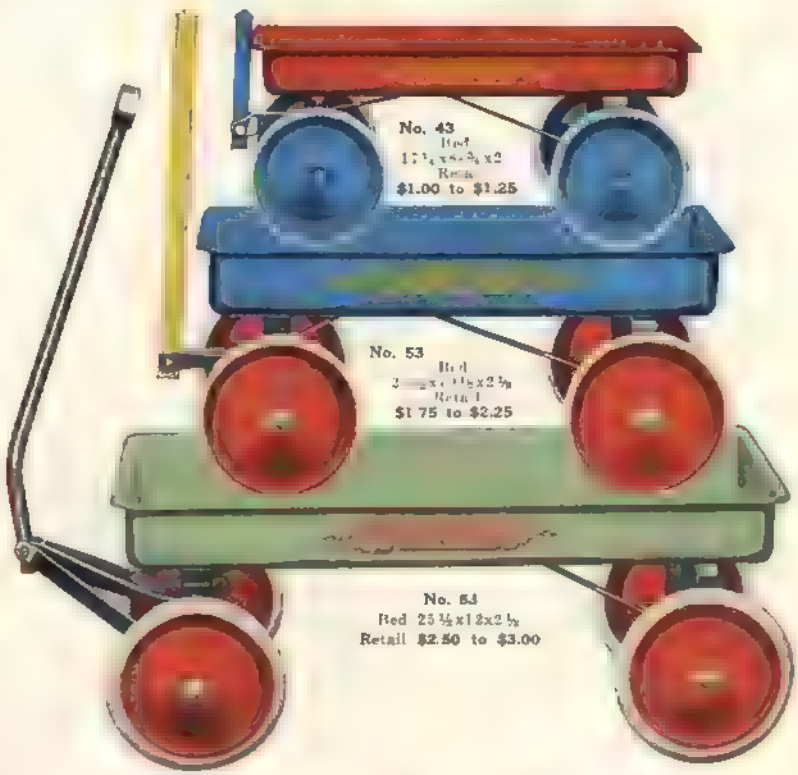

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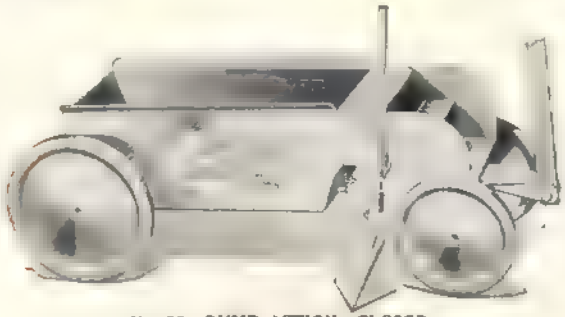
No. 18—DATON
Retails for $ 50

No. 23—EAGLE
Rubber Tired Retails for $1 00



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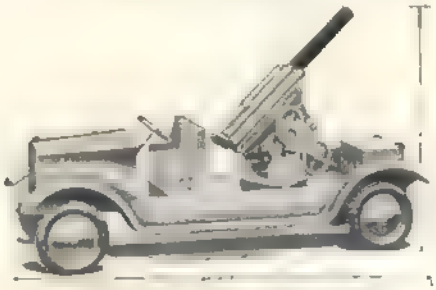
Retails $2.50

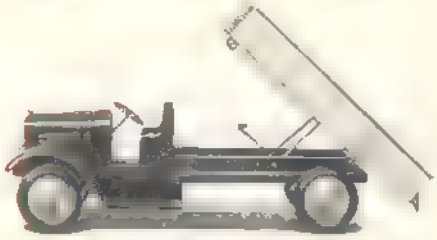
No 60—CANNON
With Two Safety Shells
Heavy Steel, Extra Strong Retails $1.00

No. 86—CANNON AND CAISSON
Made of Heavy Steel Cassion Has 8 Safety Shells. Retails $2 50

No 6—"SON-NY" U. S. ARMY TRUCK
Detachable Top Over Driver's Seat
Removable Frame and Cover Over Bed
Largest Size Heavy and Strong Retails $4 50



No. 7—"SON-NY" AUTO AIRCRAFT TRUCK
Large Size. Heavy and Strong. Patents Pending
Retails $5 00



No. 1—"SON-NY" DUMP TRUCK
Large Size. So Strong a Child Can Ride on Them
Retails $3.50

No. 3—"SON-NY" PARCEL POST
Largest Size. Retails $4.50

Send for complete catalog

THE DAYTON TOY & SPECIALTY CO.

1114 Bolander Ave. **Dayton, Ohio**

DOMEC DOLLS G

Full composition head, arms and legs. Moving eyes with lashes, sewed mohair wig, open mouth showing teeth, cotton stuffed body, mama voice, dressed in three-piece organdy trimmed with ecru lace and panel insert, bonnet to match. Assorted colors. Shoes and socks.

NO.	Height In.	EACH
248	28	$7.95

The above doll dressed in printed rayon silk, trimmed with braided silk, bonnet to match.

NO.	Height In.	EACH
268	28	$7.95

Composition head, arms and legs, moving eyes with lashes, sewed mohair wig, excelsior stuffed body, cryer voice, dressed in two-piece checkered print trimmed with white lawn pockets and ruffles, shoes and socks.

NO.	Height In.	EACH
218	28	$5.25

Packed one to a box

Composition head, arms and legs, excelsior stuffed body, cryer voice, moving eyes with lashes, sewed mohair wig, dressed in two-piece good quality organdy trimmed with organdy ruffles and bonnet to match, shoes and socks.

NO.	Height In	EACH
228	28	$5.25

Packed one to a box.

Giggles baby doll, sitting and standing legs. Composition head and arms, cotton stuffed body, cryer voice, moving eyes, dressed in two-piece organdy with bonnet to match colors, white, pink or blue. Shoes and socks.

NO.	Height In.	EACH
717	20½	$6.65
718	23½	7.95

Packed one to a box

Giggles baby doll, sitting. Moving eyes and hair, cotton body, cryer voice, full composition curved arms and legs. Two-piece dress and petticoat of organdy, trimmed with lace. Leather booties

NO.	Height In	EACH
719	26	$9.25

Giggles baby doll. Unbreakable composition head with curved arms and legs, sucking finger arrangement, moving eyes, excelsior stuffed body, cryer voice. Two-piece organdy dress of pink, blue or white with lace trimmed bonnet to match socks

NO.	Height In	EACH
711	14½	$2.10

Packed one to a box

Giggle baby doll, sitting and standing legs, composition head and arms, cotton stuffed body, cryer voice, moving eyes, dressed in two-piece organdy with bonnet to match colors, white, pink or blue, shoes and socks.

NO.	Height In	EACH
714	19½	$4.65
715	20½	5.25

Packed one to a box.

G DOMEC DOLLS

Composition head, arms and legs, moving eyes with lashes, open mouth showing teeth, sewed mohair wig, excelsior stuffed body, cryer voice, dressed in printed voile trimmed with organdy panels, sash and bow, bonnet to match, full underwear, shoes and socks, assorted colors.

NO	Height In.	EACH
216	21	$3.95
217	24	4.65

Packed one to a box.

Composition head, arms and legs, moving eyes with lashes, sewed mohair wigs, excelsior stuffed body, cryer voice, dressed in two-piece organdy, lace trimmed with bonnet to match. Colors, pink and blue. Shoes and socks.

NO.	Height In.	EACH
224	17½	$3 30

Packed one to a box.

Composition head, arms and legs. Cotton stuffed body, mama voice, moving eyes with lashes, sewed mohair wig, open mouth showing teeth. Dressed in two-color rayon silk elaborately trimmed with corded braid-silk ribbon bows and rosettes, bonnet to match, two-piece lace trimmed underwear, shoes and socks.

NO.	Height In.	EACH
246	21	$4.65

Packed one to a box.

Unbreakable composition head, arms and legs. Excelsior stuffed body, cryer voice. Dressed in two-piece checkered print, trimmed with white organdy. Bonnet to match, two pockets on dress, fancy shoes and socks

NO.	Height In.	EACH
14	17½	$2.10

The above doll obtainable dressed in two-piece organdy lace trimmed with bonnet to match.

NO.	Height In.	EACH
24	17½	$2.10

Packed one to a box

Composition head, arms and legs, painted eyes and hair, excelsior stuffed body, cryer voice, two-piece organdy dress trimmed with organdy ruffles and bonnet to match, colors pink and blue, shoes and socks to match.

NO.	Height In.	EACH
26	21	$2.60

Packed one to a box.

Composition head, arms and legs, standing and sitting, excelsior body, cryer voice. Dressed in two-piece print with hood to match, also combination dress and romper effect Assorted shades.

NO	Height In	EACH
12	15½	$1.50

The above doll obtainable with combination dress and romper effect.

NO.	Height In.	EACH
22	15½	$1.50

Packed six to a box

Composition head, arms and legs. Excelsior body, crying voice. Dressed in white organdy, hood to match, lace trimmed, white knitted booties.

NO.	Height In	EACH
11	13	$1.50

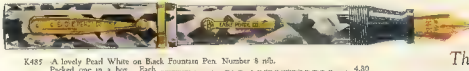
Eagle Fountain Pens--Mechanical Pencils

All fountain pens illustrated below have *indestructible* holders of genuine du Pont PYRALIN, the material used in the most costly fountain pens made. They are in the latest popular shades, beautifully finished with inlaid contrasting colored ends and highly polished. A perfect filling mechanism insures the maximum ink capacity. All nibs are 14K gold, tipped with genuine iridium, hand ground and individually tested for writing perfection. Gold-filled trims are used throughout with the exception of K480 Assortment which is in platinate.

K483—A striking self-filling Fountain Pen in Jade Green. Number 8 nib. Medium size. Packed one in a box. Each 3.00

K484—A handsome men's Fountain Pen in a delightful Royal Blue color. Number 8 nib. Packed one in a box. Each 3.00

K485—A lovely Pearl White on Black Fountain Pen. Number 8 nib. Packed one in a box. Each 4.80



Fountain Pen of Jade Green or Pearl on Black. Short size with clip. Number 8 nib.
K485—Jade Green. Each ..... 3.60 K487—Black On Pearl 4.80

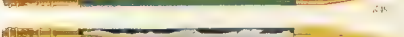
Eagle Pens and Pencils are Good Sellers

These Colors and Designs Mean Quick Profits and Sales

K488—SELF-FILLING FOUNTAIN PENS. Fine quality hard rubber barrel, beautifully engraved, extra large pen, fitted with 14K gold iridium pointed Gold lever, clip, and band. Packed one dozen in each display box, not broken. Per dozen 23.70

PYRALIN FOUNTAIN PENS. Assortment of jade green and black nibs with [illegible] Made entirely of Pyralin in three colors, Jade Green, Black and Pearl. Has self-filling lever mechanism. Packed one dozen assorted in assortment box.
K489—Made in three sizes. Long with clip. Short with clip. Short without clip. Per dozen 24.60
K491—All long with clips—Men's. Per dozen 18.60

K5



K492

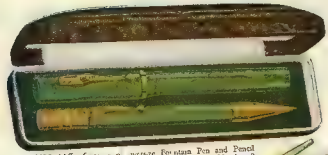
Magnum Pointer Pencils—

Made of jewel like colors of Jade Green, Black on Pearl and Royal Blue with 14K gold filled top cap and clip. Propel, repel and expel mechanism. Men's size. Packed one in a box.

K490—Jade Green. Each 2.00
K491 Pearl on Black 2.80
K492—Royal Blue 2.00

Eagle Fountain Pens and Pencils

Eagle Fountain Pen and Pencil Sets are unequalled in value on the American market. They are made of *indestructible* du Pont Pyralin and are perfect in every detail of design, workmanship and finish. The presentation boxes are especially fine, being lined with silk in harmonious colors and covered with the richest quality of genuine, beauty-keeping Fabrikoid.



K493—GIFT SET—Consists of Oversize Fountain Pen and Pencil made in red lake Jade set with 14 Karat gold filled fittings. Number 8 14K solid gold nib. Long size Each 6.00

K494—GIFT SET—Appropriate for a gentleman's gift. Consisting of oversize Fountain Pen and Pencil of lovely Pearl and Black Pyralin Number 8 nib, Long size Each 8.40

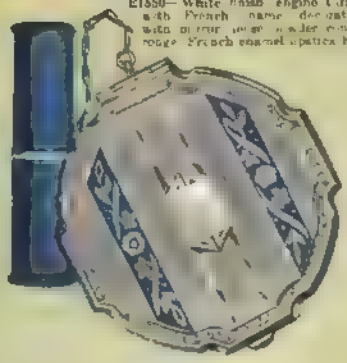
K495—EAGLE "MODART" DESK SET—The Black Bakelite swiveling and revolving ball, which holds the Fountain Pen, is a novel and exclusive feature which impresses everyone with its simplicity. Pen may be fastened against the base for storing in desk drawers. The base of the set is an exact reproduction of green onyx. The Fountain Pen completes the color harmony, as its lower half is black and its tapered end is green, matching the base. Fine quality gold nib. Packed one in a box. Each 9.00

PENSEAL DESK SET—Appropriate for the executive's desk or the home library. Consisting of a genuine Bakelite base, with Superior Fountain Pen and Pencil in medium point. Pen is automatically safe. Packed one in a box and locked in a horizontal position when not in use.
K496—Black base with Black pen and Jade trim. Each 5.00
K497—Brown Mottled base with pen. Each 6.00

K489—EAGLE ASSORTED PENCILS—An assortment of our popular Eagle Pointer Pencils made of genuine non-breakable pyralin in russet, black, blue, yellow and mahogany. Packed one dozen on modern art easel display, not broken. Per doz. 7.80

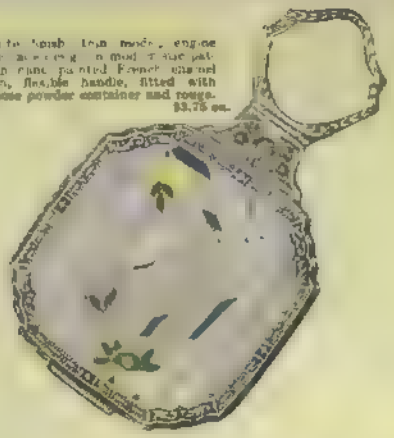
EAGLE MAGNUM POINTER ASSORTMENT. Superior pencil for smooth and legible writing. Pyralin, rose and russet veneers are fused into material one after the other. Made with dragon Bakelite barrel, assorted colors. Packed one dozen in brown mixed display box with transparent cover.
CE15—Medium size, with 5 inch eraser. Per dozen 7.20
CE5.49—Lead size, short size with rings, assorted colors. Per dozen 7.20

EVANS



E1550— White finish engine turned design with French name decoration, fitted with mirror, large powder container and rouge. French enamel spatula handle. $3.00 ea.

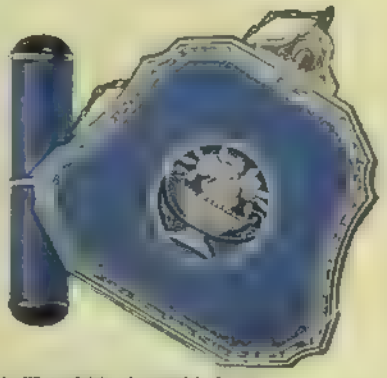
E1551 White finish thin watch case model, engine turned design with French enamel decoration and contrasting border, fitted with mirror, loose powder container and rouge. $1.50 ea.



E1552 White finish, thin model, engine turned design with French enamel decoration, flexible handle, fitted with mirror, loose powder container and rouge. $3.75 ea.

E1553 White finish, thin model, French enamel front contrasting colors flexible handle, fitted with large mirror, loose powder container and rouge. $5.62 ea.

E1554—White finish, thin knife edge watch case model. French enamel cover with genuine Marcasite set decoration, fitted with mirror, loose powder container and rouge. $6.40 ea.



E1555 White finish, thin model. French enamel front with decorative plaque, fitted with large mirror, loose powder container and rouge. French enamel lipstick handle. $3.25 ea.

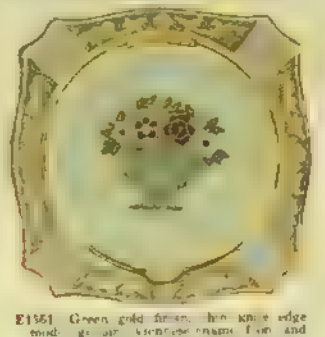
E1556— White finish, thin model. French enamel front contrasting colors, fitted with mirror, loose powder container and rouge, lip ring and chain. $4.50 ea.

E1557—White finish, thin knife edge model. French enamel cover, with decorative placque, fitted with mirror, loose powder container and rouge. French enamel lipstick handle. $6.75 ea.

E1558 White finish, thin model French enamel front in modernistic design, fitted with mirror, loose powder container and rouge. Flexible handle. $5.25 ea.

E1559 Green gold finish thin model genuine Vernese enamel front and back with genuine hand engraved Vernese enamel cover, fitted with mirror, powder container and rouge. $12.75 ea.

E1560 White finish, thin knife edge model. French enamel front and back with French enamel cover in contrasting color, finger ring and chain. $9.00 ea.



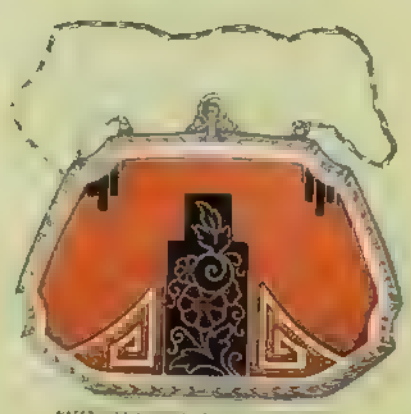
E1561 Green gold finish, thin knife edge model, genuine Vernese enamel front and back with genuine hand engraved Vernese enamel cover, fitted with mirror, loose powder container and rouge. $15.00 ea.

Illustrations four-fifth size

The LINE with the STERLING TOUCH

EVANS

E1562 Wh... French ... front ... powder ... rouge and ... holder ...
$4.00 ea.



E1563 ... finish ... compact, ... house powder, puff, rouge and lipstick ...
$4.50 ea.

E1564 ... finish ... compact ... house powder container, rouge and coin holders ...
$4.50 ea.

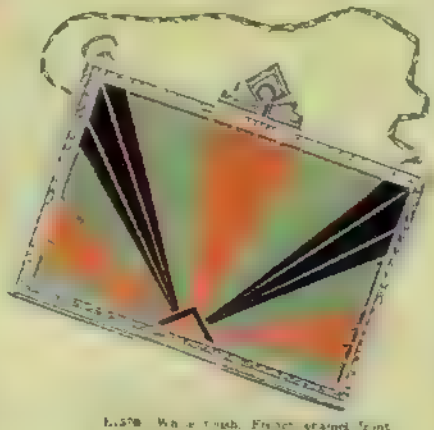
E1565 ... finish ... model, ... gilt metal design ... French ... and ... rouge and lip rouge containers ...
$3.50 ea.

E1566 ... finish ... model French enamel design ... rouge ... with ... powder container, rouge and lip rouge container ...
$5.00 ea.

E1567 ... finish ... model French ... design ... with ... rouge and lipstick containers, rouge and coin holders ...
$6.50 ea.

E1568 ... finish, ... model French enamel ... single shield ... with large ... powder ... rouge and lipstick ...
$6.00 ea.

E1569 ... model ... with ... and cigarette case, French enamel front ... lasting ... with large ... powder, coin holder, rouge, lip rouge container and cigarette ...
$ .50 ea.

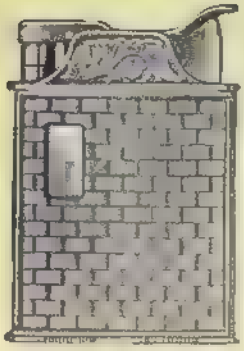


E1570 ... finish, French enamel front ... coin holder, rouge container, lipstick, perfume ... coin holders and ... fold ...
$8.25 ea.

Illustrations four fifth size

The LINE with the STERLING TOUCH

EVANS



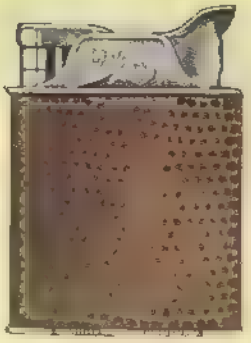
E1625 White finish basket weave design $6.00 ea.

— EVANS —
NEW ROLLER BEARING ACTION

Lighter Magic is achieved in the New Evans—the magic of modern mechanical perfection.

Cross Lever, Roller Bearing Action is a new principle in lighter building - exclusively Evans. It means smoother action, wider clearance between snuffer and wick, an almost complete revolution of the sparking wheel that spurts a veritable shower of sparks to insure ignition—not at one, but at several points in the revolution of the wheel, from just one pressure of the thumb. The removable wick holder is a unique convenience and all steel parts are specially hardened to assure long wear.

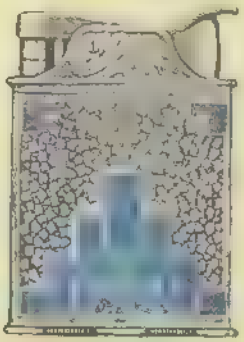
ITS STYLE NEVER FAILS TO REGISTER—
ITS WICK NEVER FAILS TO LIGHT!



E1626—White finish, genuine leather cover, lizard grain. $4.00 ea.

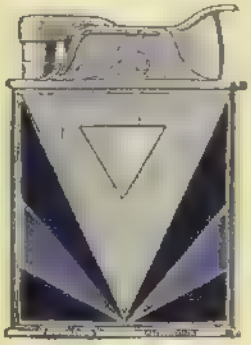
E1627—White finish in contrasting French enamel front, neutral initial monogram design. $7.50 ea.

E1628—White finish, engine turned design in modernistic pattern with hand painted French enamel decoration $6.00 ea.

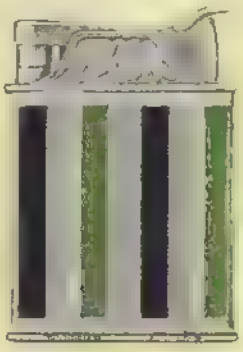


E1629—White finish, modernistic design, of French enamel, shark grain background $7.50 ea.

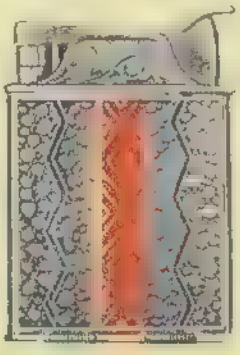
E1630—White finish, modernistic design, French enamel front in contrasting colors. $7.50 ea.



E1631—White finish, engine turned design with French enamel in contrasting color effects. $7.50 ea.



E1632—White finish, shark grain effect with French enamel stripes in contrasting colors. $7.50 ea.



E1633—White finish, modernistic design, contrasting French enamel colors in shark grain effect background $7.50 ea.

E1634—White finish, in all over French enamel effect in contrasting colors . . . $7.50 ea.

E1635—White finish, genuine Viennese egg shell enamel front with contrasting genuine hand engraved decoration $12.00 ea.

E1636—White finish, French enamel front in contrasting colors with egg shell design. $9.00 ea.

E1637—Green gold finish, genuine ostrich cover with shield. $8.00 ea.

E1638—White finish genuine hand painted Dresden enamel front . . . . . $12.00 ea.

Illustrations actual size.

The LINE with the STERLING TOUCH

EVANS

E1648—Combination paper weight and automatic Roller Bearing desk lighter in contrasting colors of French enamel, polished green finish . . . . . $7.50 ea.

E1649—The Alladin Lamp of Learning combination paper weight and automatic Roller Bearing desk lighter, antique green finish $18.00 ea.

E1650—Combination paper weight and automatic Roller Bearing desk lighter, genuine ostrich covered, polished green finish $8.25 ea.

E1651—Automatic Roller Bearing desk or table lighter, genuine leather covered in Bombay reptile grain, polished green finish. $10.50 ea.

E1652—Desk or table combination with removable automatic Roller Bearing lighter unit and ash receptacle in French enamel, polished green finish . $10.50 ea.

E1653—Automatic Roller Bearing desk or table lighter in contrasting colors of French enamel, polished green finish..... $9.00 ea.

E1654—Automatic Roller Bearing desk or table lighter, contrasting colors of French enamel, polished green finish . $9.00 ea.

E1655—Desk or table combination with removable automatic Roller Bearing lighter unit and ash receptacle in contrasting colors of French enamel, polished green finish. . . . . $10.50 ea.

E1656—Automatic novelty desk or table lighter in contrasting colors of French enamel, removable top serving as ash tray.....$9.00 ea.

Illustrations two-third size.

The LINE with the STERLING TOUCH

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A Patented Feature

Six additional pieces of the most useful parts are contained in every Gallet Timer—facilitating emergency repairs.
ALL GALLET TIMERS HAVE LEVER ESCAPEMENTS.
ALL GALLET CASES ARE CHROME-FINISHED.

GALLET PLAIN TIMER

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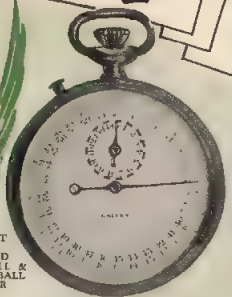
No. 1100—11 Jewels $22.50

GALLET 1/10 SECOND FOOTBALL & BASKETBALL TIMER



No. 405—Nickel Case, 6 Jewels .$21.75
No. 1105—11 Jewels $25.50

GALLET TIME-STUDY PRODUCTION TIMER

No. 403—Nickel Case, 6 Jewels. .$20.25

GALLET 1/10 SECOND PLAIN TIMER

No. 401—Nickel Case, 6 Jewels. . .$18.75
No. 1101—11 Jewels $23.25

GALLET FOOTBALL & BASKETBALL TIMER

No. 305—Nickel, Case, 6 Jewels. . .$21.00
No. 306—Nickel, Decimal Dial, 6 Jewels $21.00
No. 307—Nickel, Time-Study Dial .$21.00

GALLET BASKETBALL & FOOTBALL TIMER

GALLET DECIMAL TIMER

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No. 1101—11 Jewels $23.25

No. 402—Nickel Case, 6 Jewels, with Patent Locking Device $20.25
No. 302—Nickel Case, 6 Jewels, without Patent Locking Device $20.25
No. 1102—Nickel Case, 11 Jewels $24.75

ALL PRICES SUBJECT TO CHANGE AS NECESSITATED BY TARIFF REVISIONS

GALLET SPLIT-SECOND TIMER

No. 344—Nickel Case, 6 Jewels. . . .$41.25

PRECISION-TO TIMES SMALLEST DIVISION

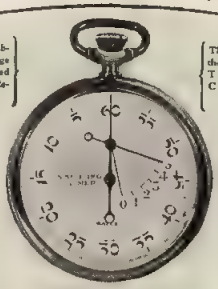
Gallet Timers

All prices subject to change as necessitated by Tariff Revision

The cases of these Gallet Timers are Chrome-Finished.

GALLET 1/50 SECOND TIMER

No. 319—Nickel Case 11 Jewels $24.00



GALLET YACHT TIMER
No. 315—Nickel Case, 6 Jewels..$18.75

GALLET 1/100 SECOND TIMER

No. 317—Nickel Case, 11 Jewels $27.00

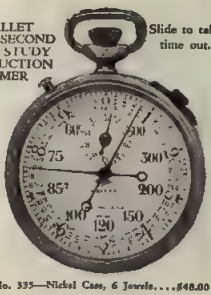
GALLET BOXING TIMER

No. 303—Nickel Case, 6 Jewels...$21.30

GALLET HOUR DECIMAL TIMER
No. 304—Nickel Case, 6 Jewels...$23.25

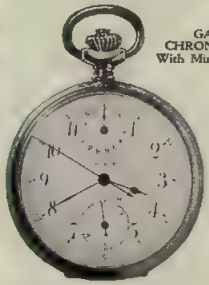
GALLET SPLIT-SECOND TIME STUDY PRODUCTION TIMER

Slide to take time out.



No. 335—Nickel Case, 6 Jewels....$48.00

GALLET CHRONOGRAPH With Minute Register

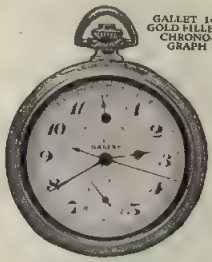


No. 323—Nickel Case, 15 Jewels...$42.75

GALLET BOXING TIMER

Dial Divided into 2 Blue and 2 White Sectors for Minute Intervals.
No. 504—Nickel Case, 6 Jewels... ...$25.50

GALLET 14k GOLD FILLED CHRONOGRAPH



No. 423—High Grade, Thin Model, 15 Jewels $85.50

PRECISION TO TIMES SMALLEST DIVISION

Guinand Timers

The Standard in Plain and Split Second Timers

For more than half a century Guinand Timers have maintained a supreme standard for excellence. They are preferred and demanded by those who require lasting accuracy and unquestionable reliability.

C. L. GUINAND'S PLAIN TIMER

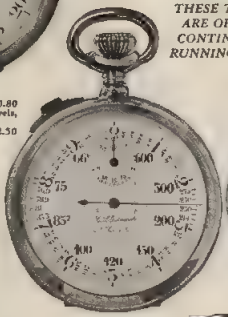
No. 639—Nickel Case, 7 Jewels $40.80
No. 638—Nickel Case, 13 Jewels, Breguet Hair Spring $52.50

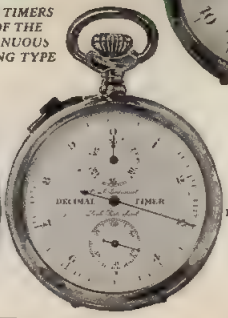
C. L. GUINAND'S FOOTBALL AND BASKET-BALL TIMER

No. 702—Nickel Case, 7 Jewels $43.20

THESE TIMERS ARE OF THE CONTINUOUS RUNNING TYPE

C. L. GUINAND'S TIME STUDY PRODUCTION TIMER
No. 703—Nickel Case, 7 Jewels $43.20





C. L. GUINAND'S DECIMAL TIMER
No. 701—Nickel Case, 7 Jewels $43.20

C. L. GUINAND'S SPLIT TIMER
No. 644—Nickel Case, 7 Jewels.....$53.25
No. 643—Nickel Case, 15 Jewels.....$63.00

C. L. GUINAND'S 100 SECOND TIMER For Direct Reading in Seconds

No. 902—Nickel Case, 7 Jewels.....$40.80
No. 902/24—17 Jewels, 24 lignes, Nickel $49.50

C. L. GUINAND'S DECIMAL SPLIT TIMER
No. 640—Nickel Case, 7 Jewels.....$53.25
No. 641—15 Jewels $63.00

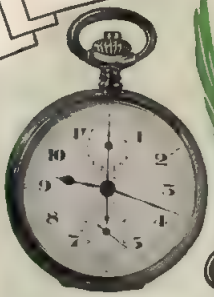
ALL PRICES SUBJECT TO CHANGE AS NECESSITATED BY REVISIONS IN TARIFF LAWS

PRECISION-TO TIMES SMALLEST DIVISION

Guinand Timers

Guinand Timers are of the continuous running type. They function positively and precisely due to a special gear construction minimizing friction.

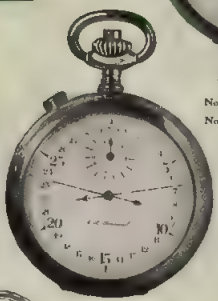
A detailed catalog showing all repair parts has been prepared by our service department so that any watchmaker can easily repair these timers.



C. L. GUINAND'S CHRONOGRAPH MINUTE REGISTER
No. 923—Nickel Case, 7 Jewels $57.75

C. L. GUINAND'S SPLIT CHRONOGRAPH MINUTE REGISTER
No. 664 Nickel Case, 17 Jewels $229.50
No. 668—Solid 14k Green Gold Case, 17 Jewels $405.00

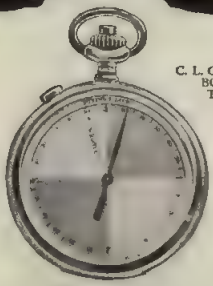
C. L. GUINAND'S 1/10 SECOND PLAIN TIMER
No. 901—Nickel Case, 7 Jewels $40.80



C. L. GUINAND'S 1/10 SECOND SPLIT TIMER
No. 699—Nickel Case, 7 Jewels $53.25

GALLET MINUTE REPEATER

Strikes Hours, Quarters and Minutes; Nickel, Lever Movement
No. 803—Gunmetal Case, 15 Jewels...$66.00
No. 804—14k, 27 Jewels, Thin Model..$525.00



C. L. GUINAND'S BOXING TIMER

Blue and White Dial divided into 4 sections for minute intervals. Officially accepted by boxing commissions. Nickel Case, 7 Jewels.
No. 704 . $46.50

GALLET ALARM WATCH

Radium Dial and Hands, 15 Jeweled, Lever Movement.
No. 800—Gunmetal Case .. $38.55
No. 801—Nickel Case $38.55

ALL PRICES SUBJECT TO CHANGE AS NECESSITATED BY REVISIONS IN TARIFF LAWS.

PRECISION-TO TIMES SMALLEST DIVISION

SAFETY FUSE

Prices on Application.

	List Price Per 1000 Ft
Cotton.	
No. 1C—For use in dry work only, very pliable. Will burn 1 ft in 30 seconds; wt 13 lbs per 1000 ft	✚$6 50
Beaver.	
No. 2B—For use in damp work and most agricultural blasting. Will burn 1 ft in 30 seconds; wt 20 lbs per 1000 ft	6 85
Single Tape.	
No. 3ST—For use in damp work. Will burn 1 ft in 30 seconds; wt 20 lbs per 1000 ft	7 20
Clover.	
No. 5CL—For use in wet work. Wt 20 lbs per 1000 ft	7 20
Double Tape.	
No. 6DT—For use in wet work. Wt 20 lbs per 1000 ft	8 20
Crescent.	
No. 6CR—For very wet work, a standard mining fuse. Will burn 1 ft in 30 seconds; wt 20 lbs per 1000 ft	8 20

Packed in cases; 1000 ft and 6000 ft in case.

CAP CRIMPER AND FUSE CUTTERS

GOLD MEDAL

Only tool necessary for users of dynamite. Round end handle for punching cap holes; end cutter for crimping caps; side cutter for cutting off fuse; nickel plated steel.

	Each
No. 10—Length 5¾ ins	$3 30

One in cardboard box.

BLASTING PAPER

BIG DRIVE

Superior waterproof paper.

Nos.	BD-9-1	BD-12-1½	BD-12-5
Width, ins	9	12	12
Wt per roll, lbs	1	1½	5
Per 100 Lbs	✚$24 45	✚26 25	✚26 25

No. BD91 packed 25 and 100 rolls in case; balance packed loose.

HERCULES

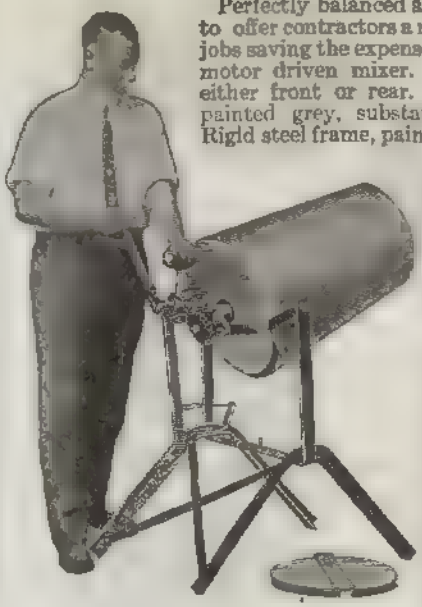
Nos.	H9-1	H12-1½	H12-5
Width, ins	9	12	12
Wt per roll, lbs	1	1½	5
Per 100 Lbs	$19 50	19 50	✚18 00

No. H9-1 packed 100 rolls in case; No. H12-1½ packed 50 rolls in bundle and No. H12-5 packed 5 rolls in bundle.

✚Safety Fuse—F. O. B. Connecticut Factory Only.
✚Blasting Paper—F. O. B. Ohio Factory Only.

CONCRETE MIXERS

ONE-MAN



Perfectly balanced and geared. Designed to offer contractors a mixer for use on small jobs saving the expense of operating a large motor driven mixer. Can be loaded from either front or rear. 16 gauge steel drum, painted grey, substantial cast iron base. Rigid steel frame, painted red. Constructed so that every part screws up to a shoulder thus giving strength and taking up lost motion. Two steel blades fastened on inside of drum facilitate mixing.

Can be used for mixing poultry and stock feed, fertilizer, etc., also for treating seed wheat, oats, barley, for smut, blight and other diseases and inoculating seeds like alfalfa, soy beans, clover, etc. 1½ cu. ft. Enough concrete to build 1 ft. of side walk 4 ft. wide and 4 ins thick with each batch

	Each
No. 0M-1—Wt each 125 lbs	$73 50

K. D. Packed loose.

JUMBO

18 gauge steel drum with grey iron casting and base, mounted on well braced angle iron frame, painted battleship grey. Made with 2 reversible stops on handle to permit holding drum at proper angle while loading and mixing also reverses mixer so that it may be loaded from either side to suit the convenience of operator. Designed to meet the requirements of the farmer or contractor who already has 1 H. P. or larger power equipment.

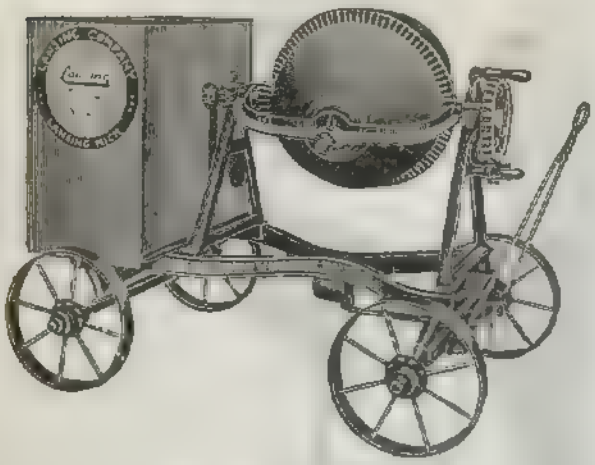
	Each
No. 2N—Capacity drum 2½ cu ft; diam pulley 12 ins, 3 in. face; loading height of drum 48 ins, discharge 24 ins	✚$73 50

K. D. packed loose; shipping wt each 270 lbs.

✚F. O. B. Michigan Factory Only.

CONCRETE MIXERS

LANSING, BRONCHO JR.



8 inch channel steel frame. A popular mixer that can be easily moved from one job to another. Large drum mounted on ball bearings. Suitable for mixing common concrete, cinder concrete, top dressing cement or lime mortar.

The three mixing wings are raised from the surface of the drum, doing away with the sharp angles that would catch concrete. A pail of water at the end of the day cleans the mixer. 20 inch wheels with 2½ inch tread.

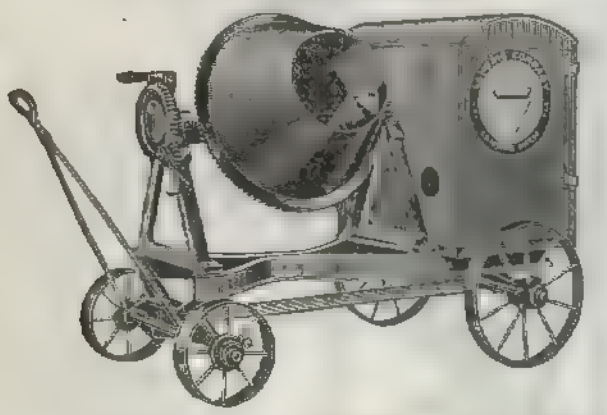
A 1½ H. P. engine, magneto and draw pole or tongue is included with each mixer.

For Data see opposite column.

Each

No. 3BJM—Wt each about 1170 lbs..... +$510 00

LANSING, BRONCHO SPECIAL



4 inch channel steel frame. The Broncho Special is a popular mixer which can easily be moved about from one job to another. It is a general utility machine and suitable for mixing common concrete, cinder concrete, top dressing or cement or lime mortar. The cost of operation is very small.

The engine and all sprockets and chain are completely housed in steel. 24 inch steel wheel with 3 inch tread. With every mixer is included a 2½ H. P. engine, steel housing and draw pole.

For Data see opposite column.

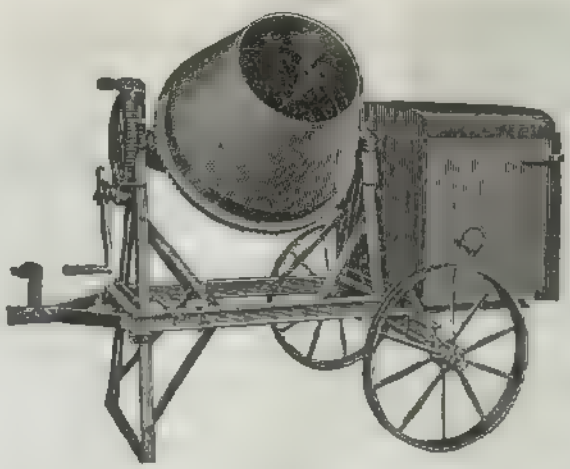
Each

No. 4B—Wt each about 1650 lbs..... +$750 00

+F. O. B. Michigan Factory Only.

CONCRETE MIXERS ON TRAILERS

JUMBO



(No. 3½S)

A popular model 3½ foot concrete mixer designed for hitching to auto or truck for speedy transfer from one job to another.

Heavy cast iron drum base, drum cone is of heavy boiler plate steel with heavy band to reinforce its lip, fitted with four wide mixing blades, two long and two short, carefully designed to give a slicing, turning and throwing action, insuring a thorough and the most rapid mix possible, drum may be tilted to any desired angle while mixing.

2 H. P. engine mounted on iron sub-base, gasoline tank cast in base, capacity 2 gallon. Engine enclosed in sheet metal housing, equipped with door. Mixer, chain and sprocket driven.

Capacity of drum, dry materials 5 cubic feet, wet mixed concrete 3½ cubic feet, diameter drum, inside 31 inches; depth 27½ inches; diameter of opening 18½ inches; shovel height 44 inches; discharge height 25½ inches; drive shaft 165 R. P. M.; speed of drum 17 to 18 R. P. M; length over all 90 inches; width over all 54 inches; height over all 69 inches; 3 inch channel steel frame.

Each

No. 3½C—Two wheels with rubber cushion tires size 30x3½ ins; wt each 1150 lbs..... +$498 00

No. 3½FS—Four steel wheels, wheel thread 44 ins; wt each 1250 lbs..... + 480 00

No. 3½S—With two steel tired wheels, size 28x3 ins; wt each 1125 lbs..... + 456 00

DATA FOR LANSING CONCRETE MIXERS

	No. 3BJM	No. 4B
Drum Capacity, Dry Material	4 cu.ft.	5 cu. ft.
Drum Capacity, Wet Mixed Material	3 cu.ft.	4 cu. ft.
Drum Dimensions, Diameter	24½ in.	31 in.
Drum Dimensions, Depth	25 in.	27
Drum Openings, Diameter	18 in.	18 in.
Batches per hour	20	27
H. P. of Engine	1½	2½
Width Ins	73	78
Length Ins	51	54

+F. O. B. Michigan Factory Only.

.1847 ROGERS BROS.

SILVERPLATE

LEGACY PATTERN

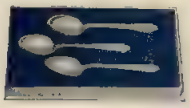
New in its perfect blend with the mode in American art—old in its inheritance of quality, artistry and good taste.

Six in Box

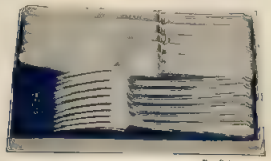
		Per Dozen List	Consumer
8801	Tea Spoons	$9.18	$7.50
8802	Dessert or Oval Soup Spoons	18.36	15.00
8803	Table or Serving Spoons	18.36	15.00
8804	Soup Spoons, Round Bowl	18.36	15.00
88006	Cream Soup or Cereal Spoons, Gift Box	18.36	15.00
88005	Bouillon Spoons, Gift Box	17.74	14.50
8805	Dinner Forks, Flat	18.36	15.00
8806	Dessert or Luncheon Forks, Flat	18.36	15.00

		List	Consumer
88014	Orange or Grape Fruit Spoons set of six	$7.05	$5.75

		List	Consumer
88003	Berry or Salad Spoon each	$4.30	$3.50
88004	Berry Spoon, small each	3.38	2.75



		List	Consumer
88008	Coffee Spoons set of six	$4.59	$3.75



		Per Set List	Consumer
88483s	Six each, Solid Handle Dinner Knives, Stainless Blades, and Flat Dinner Forks	$18.32	$14.50
88484s	Six each, Solid Handle Dessert Knives, Stainless Blades, and Flat Dessert Forks	18.32	14.50

TEA SPOON
Actual Size

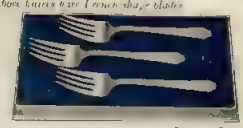
1847 ROGERS BROS. Silverplate is wrapped in anti-tarnish parchment.

Hollow Handle Knives—*Stainless Blades*

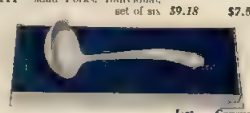
		Per Dozen List	Consumer
88402m	Dinner, Mirror Finish	$36.50	$28.00
88402s	Dinner	31.30	24.00
88404m	Dessert or Luncheon, Mirror Finish	36.50	28.00
88404s	Dessert or Luncheon	31.30	24.00
	Above knives have French shape blades		
88406s	Fruit	28.70	22.00

Solid Handle Knives—*Stainless Blades*

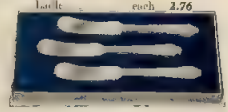
88472s	Dinner	$18.28	$14.00
88474s	Dessert or Luncheon	18.28	14.00
88475s	Fruit	16.32	12.50
	Above knives have French shape blades		



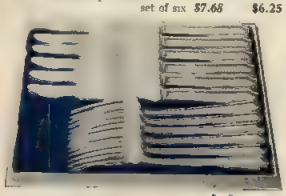
		List	Consumer
88111	Salad Forks, Individual, set of six	$9.18	$7.50



		List	Consumer
88227	Gravy Ladle each	$3.38	$2.75
88226	Mayonnaise or Sauce Ladle each	2.76	2.25



		List	Consumer
88202	Butter Spreaders, set of six	$7.66	$6.25



		Per Set List	Consumer
88421m	Six each, Hollow Handle Dinner Knives with Mirror Finish Stainless Blades, and Flat Dinner Forks	$27.44	$21.50
88421s	Above, Knives with Stainless Blades	24.82	19.50

INTERNATIONAL SILVER CO.

1847 ROGERS BROS.

SILVERPLATE

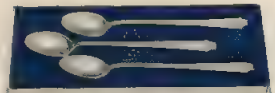
LEGACY PATTERN

All fancy pieces are supplied, singly or in sets, in blue velvet-lined gift boxes, without extra charge.

		List	Consumer
88103	Cold Meat Fork, large, each	$3.07	$2.50
88104	Cold Meat Fork, small each	2.46	2.00

		List	Consumer
88002	Baby Spoon, short handle . . . . . each	$1.23	$1.00
88101	Baby Fork, short handle, each	1.23	1.00
88304	Baby Spoon and Fork, short handles per set	2.46	2.00

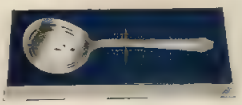
		List	Consumer
88204	Jelly Server . . . . each	$2.15	$1.75



		List	Consumer
88012	Iced Tea Spoons, set of six	$7.36	$6.00

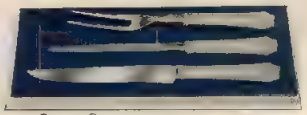
		List	Consumer
88253	Dessert Server . . . . each	$5.22	$4.25

		List	Consumer
88108	Pickle Fork, short each	$1.84	$1.50



		List	Consumer
88252	Tomato or Cucumber Server . . . . each	$3.99	$3.25

		List	Consumer
88013	Olive Spoon each	$2.15	$1.75



Carving Sets —*Stainless Blades and Tines*

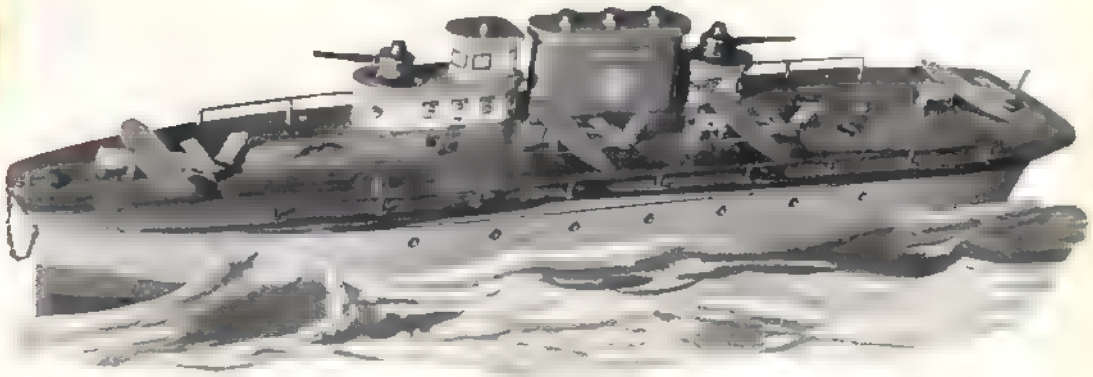
		List	Consumer
88438s	Bird or Steak Set, 3 pieces	$14.66	$11.25
88439s	Bird or Steak Set, 2 pieces	10.44	8.00
88437s	Game Set, 2 pieces . .	15.98	12.25
88436s	Carving Set, 3 pieces	23.46	18.00

		List	Consumer
88105	Ice Cream Forks, set of six	$7.68	$6.25

INTERNATIONAL SILVER CO.

Liberty Playthings

IDEAL TO FEATURE FOR BIG SUMMER SALES



Model No. 60 AIRPLANE CARRIER...Catapults flying planes from its deck. Two husky motors and twin screws. A realistic reproduction. All wood, non-crushable hull. Length 27 inches.

Model No. 22 LIBERTY SEAPLANE. A different water toy which recognizes the prevalent craze for aircraft. Driven by air-propellers and double motors. New brake locks motors while winding. One of the big sellers of the year. Wing spread, 22 inches.

Model No. 30 DESTROYER. Drop one of the four torpedoes in the tube of this low, racy destroyer, touch a lever, and swish...another enemy goes to the bottom. This irresistible action feature, coupled with rugged realism, power and speed, makes boys' fingers itch. All wood hull, and colors that sell. Length 25 inches.

Summer time is Playboat time! Millions of children hear the call of the water. Every pond becomes an ocean. Every stream is dotted with miniature navies. Every real boy becomes boat-minded. What greater opportunity to boost toy department sales? And what better line to feature than Liberty Playboats for 1930—the boat hit of the New York and Chicago Toy Fairs?

They're crowded with irresistible action features—these new Liberty Playboats. Colors have been scientifically chosen for greatest juvenile appeal. Every model is a faithful reproduction—husky, powerful and fast. Torpedoes shoot from the destroyer's prow. Fighting planes are catapulted from the airplane carrier. Streams of water are thrown by the fire-boat. No red-blooded boy can resist their appeal!

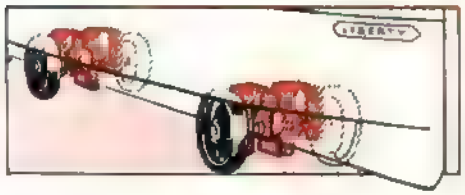
Get in a stock of these realistic toys at your earliest opportunity. Every model, except seaplanes and small numbers, is equipped with removable undercarriage and wheels. Feature them for summer sales! Have plenty on hand for Xmas. You'll find them real money makers—spring, summer, fall and winter.

See Back Page for other Playboat Models

MORE THAN JUST BOATS

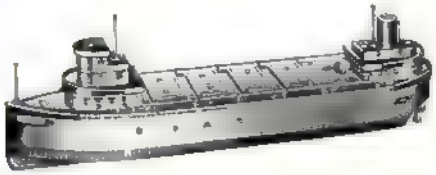
They're year 'round Playthings

with all year 'round SALES



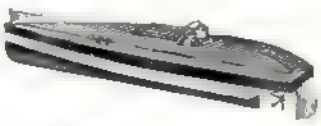
Seasons mean nothing in the sale of Liberty Playboats. A removable undercarriage and wheels is furnished with every boat (except seaplanes and small models) ,instantly transforming them into pull-toys. Snap on and off in a jiffy, equally at home on land or water—on sidewalk or pond indoors or out. This all-season, all-weather usefulness doubles their appeal and assures them of all-year round sale, everywhere, regardless of climate or local conditions

LIBERTY PLAYTHINGS, Inc.
228 10th St., Niagara Falls, N. Y.



Model No. 5 LIBERTY FREIGHTER...A true-to-life representation of the big cargo carriers—hatches, hold and everything. Twin motors and twin propellers give ample power with the heaviest cargo. 27 inches long.

Model No. 7 LIBERTY FIREBOAT. .A real action toy—more thrilling than the old fire engine. Movable nozzle on deck throws big stream of water as far as 25 feet! Equipped with standard Liberty motor. Length 22 inches.

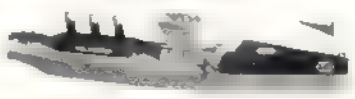


Model No. 1 SPORTSTER...A racy looking, speedy sport model. White enameled wood hull, metal deck. Length 16 inches

Model No. 10 SEA SCOOTER. A brand-new number one of the fastest "sellers" in the line. Dashes about at breath-taking speed. What boy hasn't wished for an outboard sea scooter? And with its big Liberty motor, it's the speediest craft on the water. 14 inches overall

Model No 2 LIBERTY TUG AND SCOW...This husky little work boat looks just like the tugs boys watch at work in the harbor. Its strong Liberty motor enables it to pull a scowful of sand or stones with ease. Both tug and scow, 12 inches long.

Model No 23 LIBERTY SEAPLANE JUNIOR...A smaller companion to the larger Seaplane. A smart, air-driven water toy that's made a hit with every boy who has seen it. Wing spread, 14 inches.



Model 00 PULL TOY DESTROYER.. An inexpensive model for the tiny tots. 16 inches long and brightly colored. Can be used on land or water.

SALES REPRESENTATIVES

New York, Charles G. Street, 106 Reade Street, Strobel-Wilken Company, 33 E. 17th Street. Chicago, J. F. Bridges, 312 S. Clark Street. Detroit, A. Rose, 2095 Plaquree Avenue. St. Paul, The Heimann Company, 1009 University Avenue. Omaha, Ralph W. Reed, 424 Arthur Bldg. Kansas City, R. C. Parlett, Coates House. Dallas, Jas. Vysco, 912 Commerce Street. Denver, John W. Tee, 1421 Court Place. Winnipeg, D. A. McDonald. 125 Lombard Street. San Francisco, F. B. Bower Company, 7 Front Street. Los Angeles, F. B. Bower Company, 921 E. Third Street.

Send for Catalog with complete Description and Prices

.1847 ROGERS BROS.

SILVERPLATE

Presenting SILHOUETTE

Wise business experts have pointed out that women influence the purchase of 85% of all commodities. It's 85% on all commodities. Imagine what it must be on extra feminine article like silverware. You can estimate it at 98% and never be accused of the slightest exaggeration.

Therefore SILHOUETTE follows the most feminine slant in the world for its theme — fashion. SILHOUETTE brings in silverware, the same basic Paris inspired lines women demand in frocks, hats, handbags shoes . . . every article of fashion. For certain identical, right, true lines run through all things of beauty and good taste. Clean, stream lines. And these are the lines of fashion, and of SILHOUETTE.

THE NEW SILHOUETTE PATTERN

VIANDE . . the new knife
PATENT APPL. CO FOR

Created by
SAARINEN

The new dinner knife, the Viande, is of special interest. Short blade . . long handle. Enabling one to press one's finger on the handle instead of the blade. It's the logical shape for a knife. However, to please your conservative prospects, we also make the regular conventional dinner and dessert knives in SILHOUETTE thereby giving you the chance to give your customer the choice. We predict that Viande will be the regulation standard knife on tomorrow's tables and it is ready for you today.

INTERNATIONAL SILVER CO.

1847 ROGERS BROS.

SILVERPLATE

THE NEW SILHOUETTE PATTERN

SPOONS	List Dozen	Consumer
Tea	$9.18	$7.50 doz
Dessert or Oval Soup	18.36	15.00 doz.
Table or Serving	18.36	15.00 doz.
Soup, Round Bowl	18.36	15.00 doz.
Berry or Salad	51.52	3.50 ea
Berry, small, or Preserve	10.52	2.75 ea.
Bouillon	17.71	7.25 six
Coffee	9.18	3.75 six
Cream Soup or Cereal	18.36	7.50 six
Five o'Clock Tea	9.18	3.75 six
Iced Tea	14.72	6.00 six
Olive	25.78	1.75 ea
Orange or Grape Fruit	14.10	5.75 six
Sugar	18.36	1.25 ea.
FORKS		
Dinner	18.36	15.00 doz.
Dessert or Luncheon	18.36	15.00 doz.
Cold Meat, large	36.80	2.50 ea.
Cold Meat, small	29.16	2.00 ea
Ice Cream	15.36	6.25 six
Oyster or Cocktail	12.90	5.25 six
Pastry or Pie	20.86	8.50 six
Pickle	22.06	1.50 ea.
Salad, Individual	18.36	7.50 six
MISCELLANEOUS		
Sugar Tongs	29.46	2.00 ea.
Ice Tongs	84.61	5.75 ea.
Cucumber or Tomato Server	47.86	3.25 ea.
Dessert Server	62.58	4.25 ea.
Jelly Server	25.78	1.75 ea.
Butter Knife	18.36	1.25 ea.
Butter Spreaders	15.36	6.25 six
Cheese Server, H. H	40.52	2.75 ea.
Pie Server, H. H	66.26	4.50 ea.
Mayonnaise or Sauce Ladle	33.12	2.25 ea
Gravy Ladle	40.52	2.75 ea.
KNIVES (Hollow Handle)		
Dinner, Mirror Finish Stainless Blades	36.50	28.00 doz.
Viande* (Long Handle, Short Blade), Mirror Finish Stainless Blades	39.12	30.00 doz.
Dessert, Mirror Finish Stainless Blades	36.50	28.00 doz.
Tea or Salad, Stainless Blades	28.70	11.00 six
Fruit, Stainless Blades	28.70	22.00 doz.
** Patent Applied For*		
KNIVES (Solid Handle)		
Dinner, Stainless Blades	18.28	14.00 doz.
CARVING SETS (Hollow Handles, Stainless Blades and Tines)	Set	
Carving Set, 3 pcs.	23.16	18.00 set
Game Set, 2 pcs.	15.98	12.25 set
Steak Set, 2 pcs.	10.44	8.00 set

26, 34 and 50-PIECE UTILITY TRAY SETS

With Hollow Handle Knives, Mirror Finish Stainless Blades, and Flat Handle Forks

	List	Consumer
26-Pc. Utility Tray Set	$46.34	$36.25 set
34-Pc. Utility Tray Set	60.08	47.15 set
50-Pc. Utility Tray Set	89.10	69.75 set

With Viande (long handle, short, mirror finish stainless blade) Knives, and Flat Handle Forks

26-Pc. Utility Tray Set	47.64	37.25 set
34-Pc. Utility Tray Set	61.80	48.50 set
50-Pc. Utility Tray Set	91.70	71.75 set

With Solid Handle Knives, Stainless Blades, and Flat Handle Forks

26-Pc. Utility Tray Set	37.32	29.25 set
34-Pc. Utility Tray Set	47.92	37.80 set
50-Pc. Utility Tray Set	70.86	55.75 set

INTERNATIONAL SILVER CO.

2132 Gr. H. L.

Stouffer's Fine China

636C8 Sugar and cream and tray 5¾ in. by 9 in. in all over encrusted gold.....Per set **$22.60**

260C8 Salt and pepper, 24K all over encrusted gold 3¾ in.....Per pair **$3.65**

286C8 Salt and pepper, 24K all over encrusted gold 3¾ in.....Per pair **$4.25**

554C31 Sugar and cream, 24K all over encrusted daisy and forget-me-not.....Per set **$12.70**

268C8 Combination salt and pepper, 24K all over encrusted gold.....Per pair **$5.20**

772C8 Candlesticks, 24K all over encrusted gold with handles. Height 4½ in.....Per pair **$17.00**

639C8 Sugar and cream and tray 5¾ in. by 8 in. 24K all over encrusted gold.....Per set **$21.20**

562C8 Sugar and cream, 24K all over encrusted gold.....Per set **$17.00**

838C8 Footed compote, 24K all over encrusted gold, height 4¾ in. by 6 in.....Each **$14.85**

875C8 Olive, 24K all over encrusted gold with handles. 8 in. long.....Each **$9.85**

588C32 Basket, 24K all over encrusted gold forget-me-not with handle.....Each **$10.60**

854C30 Relish 24K all over encrusted gold poppy and forget-me-not with handle.....Each **$15.55**

856C30 Flower bowl, 24K all over encrusted gold poppy and forget-me-not. 7 in.....Each **$18.35**

186C164 Cake or sandwich plate, 24K all over encrusted poppy with navy color and encrusted gold rose band with large basket of flowers in centre. 10¾ in.....Each **$15.55**

602C8 Roll tray, 24K all over encrusted gold with bow knot handles. Length 12 in.....Each **$15.55**

714C30 Pitcher or jug, 24K all over encrusted gold poppy and forget-me-not, height 6½ in. Capacity 6 pints.....Each **$26.85**

157C96 Cookie plate, 24K all over encrusted gold poppy and forget-me-not with basket of flowers in centre. 8 in.....Each **$11.30**

194C97 Service or sandwich plate, 24K encrusted gold conventional design with Dragon spray of flowers in centre.....Each **$12.00**

186C34 Cake or sandwich plate, 24K all over encrusted gold daisy and rose. 10¾ in.....Each **$17.00**

178C30 Sandwich plate, 24K all over encrusted gold poppy and forget-me-not. 9 in.....Each **$9.85**

841C8 Salad bowl 24K all over encrusted gold with handles. 8¾ in. wide.....Each **$15.50**

289C30 Vase, 24K all over encrusted gold poppy and forget-me-not with handles. Height 9 in.....Each **$29.00**

580C8 Coffee pot, sugar and creamer 24K all over encrusted gold. Capacity 2½ pints.....Per set **$49.50**

657C8 Tray, 24K all over encrusted gold, 5¼ in. by 12 in.....Each **$14.25**

573C8 Sugar and cream 24K all over encrusted gold.....Per set **$13.40**

636C8

772C8

562C8 889C32

854C30

856C30

157C96

186C34

194C97

178C30

260C8

286C8

554C31

268C8

639C8

838C8

875C8

186C164

602C8

573C8

657C8

714C30

841C8

580C8

289C30

STOUFFER'S HIGH GRADE DINNERWARE AND SERVICE PLATES

FINE IMPORTED BAVARIAN CHINA DINNERWARE

1600	12 Dinner plates	Per doz.	$39.00
1602	12 Dessert plates	Per doz.	28.65
1603	12 Bread and butters	Per doz.	22.10
1604	12 Soup dishes	Per doz.	29.70
1605	12 Sauce dishes	Per doz.	26.30
1607	12 Tea cups and saucers	Per doz.	45.30
1611	1 Platter, oval	Each	7.75
1612	1 Platter, oval	Each	15.70
1614	1 Open vegetable, oval	Each	$7.20
1615	1 Covered vegetable, oval	Each	12.40
1616	1 Covered vegetable, round	Each	12.40
1617	1 Gravy boat and stand	Each	7.80
1618	1 Covered butter dish	Each	7.20
1620	1 Sugar and creamer	Per set	8.35
1622	1 Pickle dish	Each	4.25

Price complete, 100-pc. dinnerware set 271.55

1800	12 Dinner plates	Per doz.	$39.15
1802	12 Dessert plates	Per doz.	35.35
1803	12 Bread and butters	Per doz.	29.70
1804	12 Soup dishes	Per doz.	41.00
1805	12 Sauce dishes	Per doz.	31.80
1807	12 Tea cups and saucers	Per doz.	55.80
1611	1 Platter, oval	Each	12.60
1612	1 Platter, oval	Each	19.01
1614	1 Open vegetable, oval	Each	$ 2.00
1615	1 Covered vegetable, oval	Each	20.50
1616	1 Covered vegetable, round	Each	20.50
1617	1 Gravy boat and stand	Each	12.00
1618	1 Covered butter dish	Each	11.30
1620	1 Sugar and creamer	Per set	13.40
1622	1 Pickle dish	Each	7.05

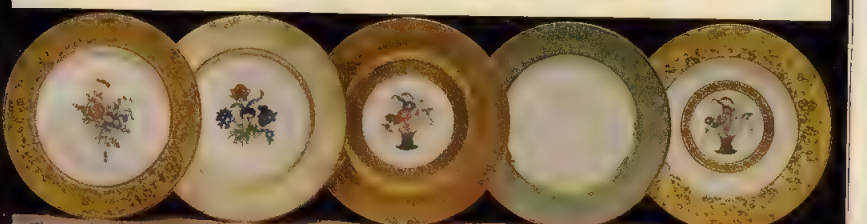
Price complete, 100-pc. dinnerware set 371.65

1700	12 Dinner plates	Per doz.	$41.80
1702	12 Dessert plates	Per doz.	28.55
1703	12 Bread and butters	Per doz.	22.65
1704	12 Soup dishes	Per doz.	31.10
1705	12 Sauce dishes	Per doz.	26.30
1707	12 Tea cups and saucers	Per doz.	45.30
1711	1 Platter, oval	Each	7.75
1712	1 Platter, oval	Each	13.85
1714	1 Open vegetable, oval	Each	$7.75
1715	1 Covered vegetable, oval	Each	12.40
1716	1 Covered vegetable, round	Each	12.40
1717	1 Gravy boat and stand	Each	8.50
1718	1 Covered butter dish	Each	7.20
1720	1 Sugar and creamer	Per set	8.35
1722	2 Pickle dish	Each	4.85

Price complete, 100-pc. dinnerware set 275.35

1900	12 Dinner plates	Per set	$33.95
1902	12 Dessert plates	Per doz.	21.90
1903	12 Bread and butters	Per doz.	19.10
1904	12 Soup dishes	Per doz.	24.00
1905	12 Sauce dishes	Per doz.	19.10
1907	12 Tea cups and saucers	Per doz.	40.30
1911	1 Platter, oval	Each	7.20
1912	1 Platter, oval	Each	12.00
1914	1 Open vegetable, oval	Each	$7.90
1915	1 Covered vegetable, oval	Each	12.00
1916	1 Covered vegetable, round	Each	12.00
1917	1 Gravy boat and stand	Each	7.05
1918	1 Covered butter dish	Each	5.10
1920	1 Sugar and creamer	Per set	9.20
1922	1 Pickle dish	Each	4.25

Price complete, 100-pc. dinnerware set 236.05



194C197 194C233 194C62 194C198 194C164

IMPORTED SERVICE PLATES

194C197 24 karat encrusted gold scroll 12½ in. with beautiful large Dresden spray of flowers in center. Each $ 8.50

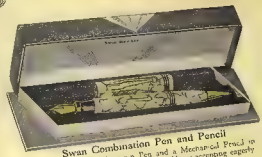
194C233 Ivory 12½ in. wall gold lined, over ivory, ivory centre with English lion and rose coat-of-arms, gold rope edge. Each $8.85

194C62 24 karat encrusted gold to edge of plate with basket of flowers in center. Each $11.30

194C198 Museum green color 13½ in. with gold design over green, gold lined, 9½ in. ivory centre. Each $9.20

194C164 24 karat encrusted gold, poppy and forget-me-not design in every color, band of pompadour rose, large basket of flowers in centre. Each $11.30

SWAN FOUNTAIN PENS *and* PENCILS



Swan Combination Pen and Pencil

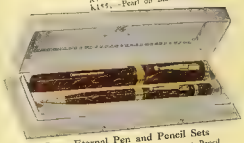
A beautiful Swan Fountain Pen and a Mechanical Pencil in Combination. A rest duo that the pupils is scrapping eagerly Packed in a beautiful modern design case

Please Specify Color

K1550—Jade Green or Black, Each 10 20
K1555—Pearl on Black, Each 17.00

Swan Fountain Pen and Pencil Sets

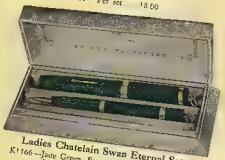
K1562—Pearl and Black Fountain Pen K1511 and Pencil K1607 Per set 13.80
K1564—Oversize Pearl and Black Fountain Pen K1541 and Pencil K1615 Per set 18 00



Swan Eternal Pen and Pencil Sets

K1560—Jade Green Fountain Pen K1510 and Pencil K1604 Per set 9 60
K 1561—Red Mottled, Fountain Pen K1510 and Pencil K1606 Per set 9 60
K1563—Oversize Jade Green, Fountain Pen K1540 and Pencil K1613 Per set 13 20
K1564—Oversize Red Mottled, Fountain Per K 540 and Pencil K1614 Per set 13 20

Cases of the sets shown here are covered with beautiful French grey leatherette and are lined with silk. Fountain Pens in sets have medium points unless otherwise ordered. All Fountain Pen ornaments are of 14 Karat gold-filled.



Ladies Chatelain Swan Eternal Sets

K1566—Jade Green Fountain Pen K1530 and Pencil K1608 Per set 9 60
K 567—Red Mottled, Fountain Pen K1530 and Pencil K1610 Per set 9 60
K1568—Pearl and Black, Fountain Pen K1531 and Pencil K1611 Per set 13 80

Specify Fine Medium or Stub Point

Please Specify Color When Ordering

LADIES' CHATELAINE JADE GREEN and BLACK
No 2 Nib
K 530—6.00

PEARL
No 2 Nib
K1531 —9 00

LADIES' CHATELAINE JADE GREEN, BLACK SCARLET BLACK and JADE
No 2 Nib
K 507 4 20

JADE GREEN, BLACK, and MOTTLED RED
No 4 Nib
K1510 6.00

PEARL
No 4 Nib
K1511—9 00

JADE GREEN, BLACK, and MOTTLED RED
Oversize
No 6 Nib
K1540—8 40

PEARL
No 6 Nib
K1541 —12.00

JADE GREEN, BLACK SCARLET BLACK and JADE
Regular Size
No 2 Nib
K1505—4.20

Junior Size
No 2 Nib
K1506—4 20

JUNIOR SIZE WITH CLIP
JADE GREEN, BLACK and MOTTLED RED
No 4 Nib
K1520—6.00

PEARL
No 4 Nib
K1521 9 00

LADIES' CHATELAINE MOTTLED RED
No 2 Nib
K1530 —6 00

PEARL
No 2 Nib
K1531 9 00

A. C. Mc CLURG & CO. Chicago, Ill.

SWAN FYNE-POYNT PENCILS

All "Fyne Poynt" Pencils listed on this page are repel, propel and expel Pencils Non breakable barrels Each one is equipped with a large erazer secured with a patent clamp and a compartment containing extra leads All ornaments are 14-Karat gold filled Each pencil is packed in an individual box.

K1609 Ladies' Chatelaine Pencil. Black. Each 3.60

K1605 — Men's Thin Model Black. Each, 3.60

K1604 — Men's Thin Model Jade Green. Each 3.60

K1608 Ladies' Chatelaine Pencil Jade Green. Each, 3.60

K1606 Men's Thin Mode. Red Mottled Each, 3.60

K1610 — Ladies' Chatelaine Pencil. Mottled Red. Each, 3.60

K1607 — Men's Thin Model Pearl and Black Each 4.80

K1611—Ladies' Chatelaine Pencil Pearl on Black. Each, 4.80

K1612 — Men's Oversize Pencils Jade Green Each, 4.80

K1613 Oversize Pencils Black Each 4.80

K1614 — Men's Oversize Pencils Red Mottled Each 4.80

K1615 — Men's Oversize Pearl n Black. Each 6.00

Swallow Combination Pen Pencil Pens at one end Fountain Pen at the other Four on a card Two Black and White, One Jade Green and One Scarlet

K1104 Per card of 4 ..... 16.80

Open stock for above assortment, Black and White, Jade Green and Scarlet Please Specify Color

K1102—Each 4.20

Swallow Fountain Pens An assortment of one dozen Swallow Fountain Pens on an attractive counter card. Eight long with clips, four short with clips Jade Green, Scarlet and Black and White

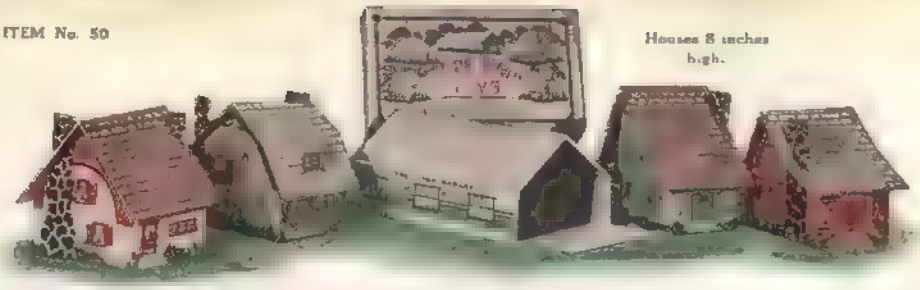
K1503—Per Card 27.20

Open stock for above, Jade Green Scarlet and Black and White Please Specify Color

K1100—Long with clips Each 2.10

K1101—Short with clips Each 2.10

A.C. McCLURG & CO. Chicago, Ill.



ITEM No. 50

Houses 8 inches high.

ITEM No. 300
56 inches high.

Something new!

Toy Houses that can be quickly set up and taken down, equally desirable for indoor and outdoor play. Sturdily built of strong corrugated fibre board houses beautifully designed and attractively painted in bright well designed colors. Created by Terre Town Toy Tradesmen to appeal to the home loving instinct.

Terre Town Playhouses

For Indoor and Outdoor Play

All Year Sales

Quick Turnover

Liberal Profits

Retail at Low Prices

THE Terre Town Toy Tradesmen have created a varied line of playhouse items to retail from 10c to $3.00. Invariably the sale of one item leads to a demand for others. Small houses to play with, large house to play in. Terre Town Toy Houses appeal to the children of all ages and grown-ups. Write for samples of following items.

Item No. 15
Single house, 7 inches long; 5 inches wide, 8 inches high. **Retails for 10c**

Item No. 50
Grouped 4 houses, one of them 15 inches long; garage 14 inches long. **Retails for 50c**

Item No. 200
Doll House, 20 inches long; 15 inches wide; 22 inches high. **Retails for $1.**

Item No. 300
Indian Tepee, 4 feet 8 inches high 4 feet in diameter at base. **Retails for $2.**

ITEM No. 200

See Terre Town Playhouse—Next Page

A LIMITED NUMBER OF SALES TERRITORIES OPEN.

TERRE TOWN TOY TRADESMEN, TERRE HAUTE, INDIANA

The Terre Town Playhouse

Big Enough To Really Play In!

HERE is an item that makes a compelling display and is actually big enough for several small children to play in With portecochere erected it is practically 5 feet in width. Doors and windows open outward, awnings and flower boxes are attached in realistic manner The Terre Town Play House unquestionably excels any toy house that has yet been offered to the trade Write for samples and prices today.

5 REASONS WHY THEY SELL SUCCESSFULLY

Big enough to really play in.
Sturdy and strong construction.
Quickly set up; easily taken down.
Attractively designed; beautifully colored.
An all-year, indoor, outdoor Play House.

Retails for only: **$3.00**

ITEM No. 500
3 feet 3 inches long.
2 feet 10 inches wide.
3 feet 6 inches high.

A LIMITED NUMBER OF SALES TERRITORIES OPEN.

TERRE TOWN TOY TRADESMEN, TERRE HAUTE, INDIANA

The Union Double Acting Steam Pile Hammer

Operated by steam or air without any changes, operates equally well in fixed leaders or suspended from the boom of a derrick or crane. Requires very little head-room and is extremely simple.

This type of modern double-acting, rapid-fire pile hammer delivers a succession of blows so rapidly that each blow falls before the movement caused by it predecessor has ceased; in this way an effect which is practically continuous is obtained, that the pile may be said to be literally pushed into the ground and when the hammer is stopped, the earth grips the pile firmly and holds it securely and penetration is obtained that would be impossible with a drop hammer, while the fact that the blows do not split or broom wood piles or sheeting, gives it an additional advantage.

The small dimensions of these machines admit of their use where head-room is limited.

Another advantage lies in the fact that this hammer may be suspended under any derrick boom or by chain hoist or tackle of any kind as well as in the ordinary pile driver leads.

Principle of Operation

On opening throttle valve, steam or air is admitted to the lower port in cylinder raising the ram to the top of its stroke; the valve being actuated by a rod and rocking lever, then admits steam to the upper port and causes the steam under the piston head to exhaust through the lower port. The full pressure of steam acts on the piston for the entire length of the down stroke, thereby increasing the force of the blow over gravity, in direct proportion to the effective steam pressure acting on the piston. The Hammer is therefore double acting. After throttle valve has been opened, the operation of the hammer is continuous until the supply of steam or air is shut off.

CONSTRUCTION

The frame, or body, is a single semi-steel casting, and not made in sections bolted together. The upper portion contains the cylinder, while the ram guides are cast in the lower half. The ram and valve mechanism also being enclosed in the frame, are protected from injury. The safety buffers and pile plate are also enclosed, so that nothing but the steam inlet is exposed.

The piston and rod are of steel, forged in one piece, and accurately machined, being over-size to secure weight; breakage is impossible.

The Ram is of steel, forged and machined on all surfaces. It has 6 guides which work on machined pads, cast in hammer frame and provided with oil grooves. Since weight is essential, all parts are heavy and of more than ample strength and easily accessible.

The Valve is of the rotative type, of manganese bronze working in a cast iron bushing. All parts are accurately finished to gauge. The rod and lever are made of special steel and hardened.

The Gland is of cast bronze in one piece and is held by four studs with an arrangement to prevent the nuts from working off.

Lifting Piles From Ground

Starting the Drive

The Union Steam Pile Hammer

(Continued)

Lubrication. All hammers are equipped with a patented inlet and lubricator, made of one casting, forming an oil chamber which is packed with absorbent felt to retain the oil. The oil is sucked into the steam passage through a small hole directly over the inlet to the hammer. It cannot run back through the hose and deteriorate the tube. The hose is so connected that it hangs straight down and does not project in front of the hammer to be knocked off in landing piles.

Economy of Steam or Oil is obtained by the design of the valve mechanism and the movement of the valve. The figures for steam consumption given below are very liberal and provide an ample reserve under all conditions.

Base Equipment. Union pile bases, or caps, have been developed which insure the most efficient driving of the various types of piles and sheeting. They hold the piles in perfect alignment, allow a maximum of power in the blow to be transmitted to the pile head, and prevent injury to the pile or to the working parts of the hammer. All hammers have an automatic by-pass in the cylinder so that they cannot be started unless they are landed, or resting, on the pile, and the construction is extremely simple, there being only two bolts in all the moving parts.

Union Hammers for Pulling Piles

By inverting the union hammer it can be used for pulling any kind of pile. Only one change is required on sizes larger than No. 5 and that is to insert a one way valve which provides steam on the up-stroke only. The weight of the ram causes it to fall back automatically. Cut at right shows the improved method of rigging hammer with wire rope bridle and forged steel hammer straps. The ram block and lower bridle block are either forged or cast steel, of ample strength and provide seats for the bridle which prevent the rope from cutting.

The bridle is of one piece high grade flattened steel wire rope, all pins are of mild steel forged and turned. The shackels are of refined iron. The lower bridle is fitted with a clevis for engaging steel sheeting, or chains for round piles or square timbers.

Union Pile Hammer Specifications

Size No.	Weight with Base	Weight of Striking Parts	Cylinder Diameter Stroke	Force of One Blow Steam Lbs. Ram	Energy Developed One Blow	Blows per Min.	Max. Boiler H. P. Required 100 Lbs. per Sq. In.	Cu. Ft. Compressed Air at 100 Lbs per Sq. In.	Size of Bush
	Lbs.	Lbs.	Inches	Lbs.	Foot Lbs.				Inches
00	20,000*	4,000	14 x36	16,320	48,960	100	125	...	3
0	12,000	2,650	10½x24	9,575	19,150	110	50	750	2
1	8,600	1,540	9½x21	7,200	12,600	130	35	600	1½
2	5,700	950	7¼x16	4,250	5,650	145	25	300	1¼
3	4,250	680	6¼x14	3,125	3,625	170	20	250	1¼
4	2,500	350	5¼x12	2,080	2,080	200	12	150	1
5	1,450	200	4¼x 9	1,334	1,000	240	10	100	1
6	850	110	3¼x 7	775	450	340	8	75	¾

*Base not included. Efficiency computed on 80-pounds mean effective pressure

Hammer Arranged for Pulling Piles

WALTHAM WATCHES

The newest pocket models boxed at the factory
Ideal for presentation

Movement: 21 jewel, adjusted to temperature and 5 positions.
Case: Your choice of 14K solid green or white gold case. Burnished bezel, Butler back. Sterling silver seconds indicator dial with 18K gold applied figures. New second indicator, a revolving dial.
7G22200 PRICE **$192.50**

Movement: 19 jewel adjusted to temperature and 3 positions.
Case: Your choice of 14K solid green or white gold case. Engraved border, Butler back. Sterling silver dial with 18K gold applied figures
7G22201 PRICE **$128.50**

Movement: 19 jewel, adjusted to temperature and 3 positions
Case: Your choice of 14K solid green or white gold case. Engraved center, burnished bezel. Etched dial New second indicator; has revolving dial in place of hand
7G22202 PRICE **$103.00**

TRADITION

For three-quarters of a century Waltham has contributed to the prestige that American watches enjoy The integrity of workmanship which has made New England craftsmanship world-renowned is exemplified by this fine line of watches. In the finest of modern designs, the beauty, the exceptional value, the accuracy and dependability of service, which have become the Waltham Tradition, are offered here in Waltham's newest timepieces

Movement: 19 jewel, adjusted to temperature and 3 positions
Case: Your choice of 14K white or green gold filled case. Polished bezel, engraved center, Butler or straight line back Etched dia.
7G22203 PRICE **$77.00**

Movement: 21 jewel, adjusted to temperature and 5 positions.
Case: Your choice of 14K solid green or white gold case, burnished bezel, Butler back. Enamel track dial on case Has seconds indicator in place of hand. Very newest model
7G22204 PRICE . . . **$192.50**

Movement: 19 jewel, adjusted to temperature and 3 positions.
Case: Your choice of 14K green or white gold filled cushion case, with engraved bezel, Butler or straight line back Etched dial
7G22205 PRICE **$77 00**

WALTHAM WATCHES

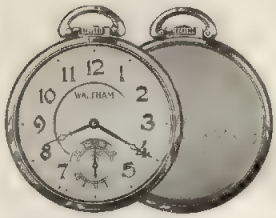
The newest ideas in cases. Irresistible designs created by Waltham. Boxed at the factory.

Movement: 17 jewel, temperature adjusted Waltham
Case: Your choice of 14K white or green gold filled case. Polished bezel, engraved center, Butler back with enamel inlay. Etched sterling silver dial.
7G22206 PRICE **$61.50**

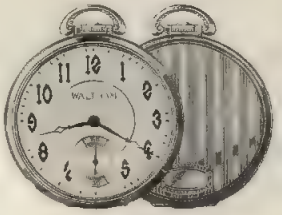
Movement: 17 jewel temperature adjusted Waltham
Case: Your choice of 14K white or green gold filled case. Polished bezel, engraved center, Butler back. Etched dial.
7G22207 PRICE **$55.00**

Movement: 17 jewel, temperature adjusted Waltham
Case: Your choice of 14K white or green gold filled cushion case. Engraved beze. Butler or straight line back Etched dial
7G22208 PRICE **$61.50**

Movement: 17 jewel, temperature adjusted Waltham.
Case: Your choice of 14K white or green gold filled case. Polished bezel, engraved center, straight line back Etched dial
7G22209 PRICE **$55.00**



Movement: 17 jewel, temperature adjusted Waltham
Case: Your choice of 14K solid green or white gold case, with burnished bezel and Butler back etched dial.
7G22210 PRICE **$77.00**



Movement: 17 jewel, temperature adjusted Waltham
Case: Your choice of 14K solid green or white gold case, burnished bezel, engraved center. Straight line back. etched dial.
7G22211 PRICE **$77.00**

COLONIAL WATCHES

No. 150-2 Green Gold — Price $102.48 — No. 150-4 White Gold

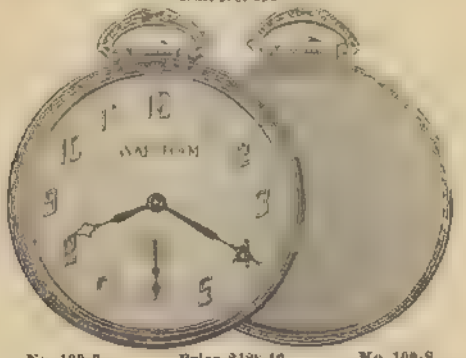
Riverside 21 Jewels, Temperature Adjusted and 5 Positions. 14K Green or White Gold Case, Burnished Bezel, Butler Back, Enamel Track Dial with Seconds Indicator.

Dial No. 1410

No. 150-5 Green Gold — Price $1[illegible] — No. 150-6 White Gold

Riverside 21 Jewels, Temperature Adjusted and 5 Positions. 14K Green or White Gold Case, Burnished Bezel, Butler Back. Sterling Silver Seconds Indicator Dial with 18K Gold Applied Figures

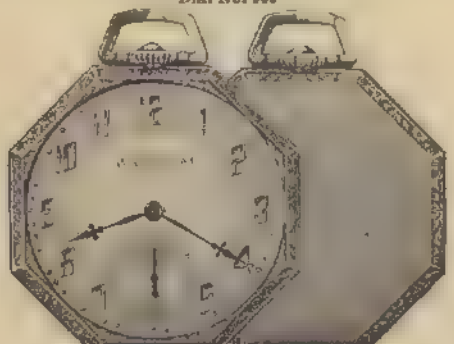
Dial No. 150



No. 100-7 Green Gold — Price $128.40 — No. 100-8 White Gold

Royal 19 Jewels, Temperature Adjusted and 3 Positions. 14K Green or White Gold Case, Border Engraved, Butler Back. Sterling Silver Dial with 18K Gold Applied Figures.

Dial No. 460



No. 100-9 Green Gold — Price $128.40 — No. 100-10 White Gold

Royal 19 Jewels, Temperature Adjusted and 3 Positions. 14K Green or White Gold Octagon Case, Engraved Bezel, Butler Back. Sterling Silver Dial with 18K Applied Gold Figures.

Waltham Colonial Watches are Cased and Timed at the Factory. Each is supplied in a handsome Presentation Box.

No. 75R-13 Green Gold — Price $103.08 — No. 75R-14 White Gold

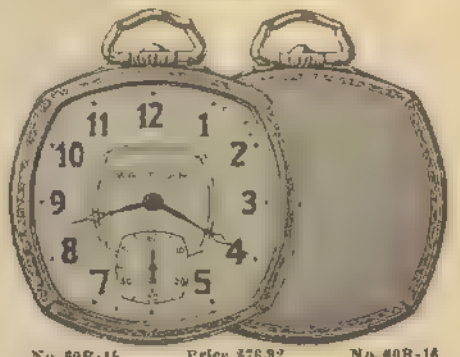
Royal 19 Jewels, Temperature Adjusted and 3 Positions. 14K Green or White Gold Case, Engraved Center, Burnished Bezel, Etched Dial

Dial No. 1409—Seconds Indicator

No. 75-9 Green Gold — Price $103.08 — No. 75-10 White Gold

17 Jewels, Temperature Adjusted. 14K Green or White Octagon Case, Engraved Bezel, Butler Back. Etched Dial

Dial No. 727—Seconds Indicator



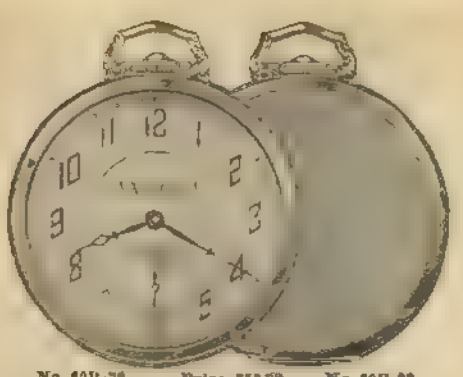
No. 80R-15 Green Gold — Price $76.92 — No. 80R-16 White Gold

Royal 19 Jewels, Temperature Adjusted and 3 Positions. 14K Filled Green or White Gold Cushion Case, Engraved Bezel, Butler or Straight Line Back, Etched Dial.

Dial No. 1411

WALTHAM

COLONIAL WATCHES



No. 60R-32 Green Gold — Price $76.92 — No. 60R-33 White Gold

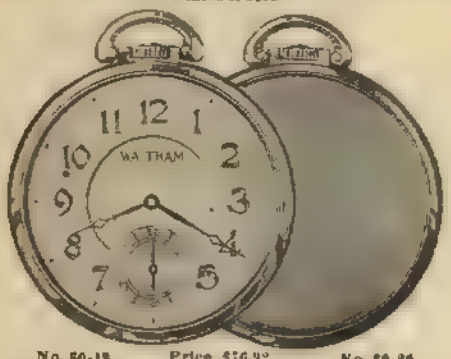
Royal 19 Jewels, Temperature Adjusted, 3 Positions. 14K Filled White or Green Gold Case, Polished Bezel, Engraved Center, Butler or Straight Line Back, Etched Dial

Dial No. 1405

No. 60-13 Green Gold — Price $76.92 — No. 60-14 White Gold

17 Jewels, Temperature Adjusted. 14K White or Green Gold Case, Burnished Bezel, Engraved Center, Straight Line Back, Etched Dial.

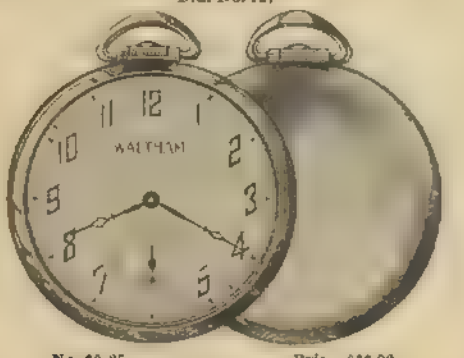
Dial No. 1409



No. 60-12 Green Gold — Price $76.92 — No. 60-26 White Gold

17 Jewels, Temperature Adjusted. 14K White or Green Gold Case, Burnished Bezel, Engraved Center, Butler Back, Etched Dial.

Dial No. 727



No. 60-25 Green Gold — Price $76.92

17 Jewels, Temperature Adjusted. 14K Green Gold Plain Bezzine Case, Butler Back, Black Figured Dial

Dial No. 1402

No. 45-15 Green Gold — Price $61.54 — No. 45-16 White Gold

17 Jewels, Temperature Adjusted. 14K Filled White or Green Gold Cushion Case, Engraved Bezel, Butler or Straight Line Back, Etched Dial.

Dial No. 1411

No. 45-30 Green Gold — Price $61.54 — No. 45-31 White Gold

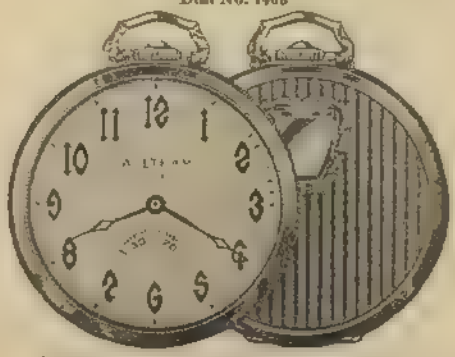
17 Jewels, Temperature Adjusted. 14K Filled White or Green Gold Case, Polished Bezel, Engraved Center, Butler Back with Enamel Inlay, Etched Dial

Dial No. 1403

No. 40-17 Green Gold — Price $54.84 — No. 40-18 White Gold

17 Jewels, Temperature Adjusted. 14K Filled White or Green Gold Case, Polished Bezel, Engraved Center, Butler Back, Etched Dial.

Dial No. 1408



No. 40-26 Green Gold — Price $54.84 — No. 40-27 White Gold

17 Jewels, Temperature Adjusted. 14K Filled White or Green Gold Case, Polished Bezel, Engraved Center, Straight Line Back, Etched Dial

Dial No. 1409—Seconds Indicator

WALTHAM

G

ARCADE TOYS

CAST IRON

TUDOR SEDAN

Assorted colors, red, green, blue and yellow; plain nickeled spoke wheels.

NO.	Lgth. In.	Wd. In.	Ht. In.	lb Doz.	DOZEN
114X	4¾	1⅝	2	6¾	$2.50
118X	5	2¼	2¼	14	4.00

No. 114 packed 1 dozen in a paper carton.
No. 118 packed ½ dozen in a paper carton.

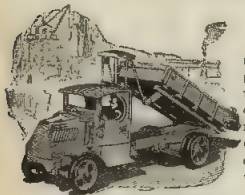
FORDOR SEDAN

Assorted colors, red, green; blue and yellow with gold stripe. Cast iron imitation of wire wheels with nickeled tires.

NO.	Lgth. In.	Wd. In.	Ht. In.	lb Doz.	DOZEN
107X	6¾	3⅜	3½	24	$10.00

One to a paper carton, 3 dozen in a case.

MACK DUMP TRUCKS

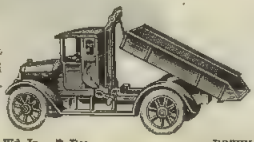


Dump body raises by simple hoist; rear end gate swings open when unlocked. Assorted colors of blue, gray and red enamel. Mack monogram on front of radiator; rubber tired wheels

NO	Lgth. In.	Ht. In.	Wd. In.	lb Doz	DOZEN
223-0	12	5⅜	4	75	$40.00

One in a paper carton; one dozen in a case.

RED BABY TRUCKS



Finished in bright red with white enamel tires. Crank and ratchet, nickel plated.

NO.	Lgth. In.	Ht. In.	Wd. In.	lb Doz.	DOZEN
211R-0	10¾	4¼	3½	55	$22.50

One in a carton; one dozen in a case.

FORD STAKE BODY TRUCK

Assorted colors, red, green, blue and yelow; No. 206X has cast iron reproduction of wire wheels with nickel plated tires. No. 208X has cast spoke wheels with nickel plated tires.

NO.	Lgth. In.	Wd. In.	Ht. In.	lb Ea.	DOZEN
206X	8	3	3⅜	24	$8.00
208X	6	2⅜	2¼	14	4.00

No. 206 packed, 1 in a paper, 3 dozen in a case.
NO. 208 packed 6 in a paper, 6 dozen in a case.

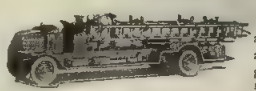
TRAILERS

Color, red with nickel plated tires.

NO.	Lgth. In.	Wd. In.	Ht.In.	lb Doz.	DOZEN
286	6⅜	3½	3⅜	30	$8.40
288	4⅜	2⅜	3	10	4 00
289	3⅜	2¼	1⅜	6	2 50

No. 286 packed 1 to a paper box.
No. 288 packed 6 to a paper box.
No. 289 packed 12 to a paper box.

MACK FIRE APPARATUS TRUCKS



Finished in red enamel; ladders, lanterns and tank finished in gold bronze; ladder supports, hose reel and driver nickel plated and tool boxes trimmed in gilt and back enamel. Rubber tires.

NO.	Lgth. In.	Ht. In.	Wd. In.	lb Doz.	DOZEN
242-0R	21	4⅜	4¼	100	$58 00

One in a paper carton.

MACK CHEMICAL TRUCK

Red, trimmed in gold with removable gold bronze ladders, nickel plated ladder racks and hose reel. Nickel plated man with blue cap; bell rings when truck is in motion; nickel plated tires.

NO.	Lgth. In.	Wd. In.	Ht.In.	lb Doz.	DOZEN
247R	10	3	3	40	$15.00

One in a paper carton, 1 dozen in a case.

ARCADE TOYS G

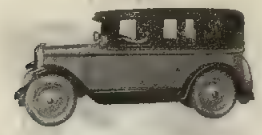
CAST IRON

YELLOW CABS

Top, hood and fenders, bright black enamel; body and discs, the familiar yellow cab yellow. Iron wheels.

NO.	Lgth. In	Ht. In.	Wd. In.	lb Doz.	DOZEN
153	5¼	3	2¼	12	$8.50

One in a paper carton.



Finished with yellow body and black body stripe; top and fenders are black enameled; radiator is aluminum bronze and headlights and driver are nickel plated; spare tire at rear; rubber tired wheels.

NO.	Lgth. In.	Ht. In.	Wd. In.	lb Doz.	DOZEN
155-0	8½	3⅞	3½	47	$27.75

One in a paper carton.

WHITE BUS

Blue with white body line; nickeled driver, dual rear wheels, spare on each side.

NO.	Lgth. In.	Wd. In.	Ht. In.	lb Doz.	DOZEN
319-0	13½	3⅝	3½	60	$29.75

One in a paper box, 1 dozen in a case.

FAGEOL SAFETY COACHES

A reproduction of popular motor buses. Finished in blue enamel; nickel plated iron wheels.

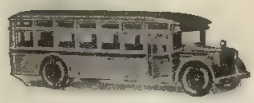
NO.	Lgth. In.	Ht. In.	lb Doz.	DOZEN
308X	7¾	2½	14	$8.50

Above in assorted colors of blue, green, red and yellow enamel; rubber tired wheels.

NO	Lgth. In.	Ht. In.	lb Doz.	DOZEN
307X-0	12	3	55	$27.00
312X	4¾	2½	7½	2.75

One in a paper carton.

A. C. F. COACHES



Similar in design to large street coach. Finished in blue enamel; rubber tired wheels.

NO.	Lgth. In.	Wd. In.	lb Doz.	DOZEN
309-0	11¾	3½	53	$23.70

One in a paper carton.

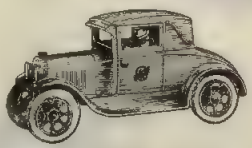
BUICK SEDAN

Body finished in green, with gold bronze body stripe; fenders, top and gas tank at rear finished in black enamel; radiator and headlights are aluminum bronze; rubber tired wheels.

NO.	Lgth. In.	Ht. In.	Wd. In.	lb Doz.	DOZEN
132-0	8½	3½	3⅜	40	$27 50

One in a paper carton.

FORD COUPE



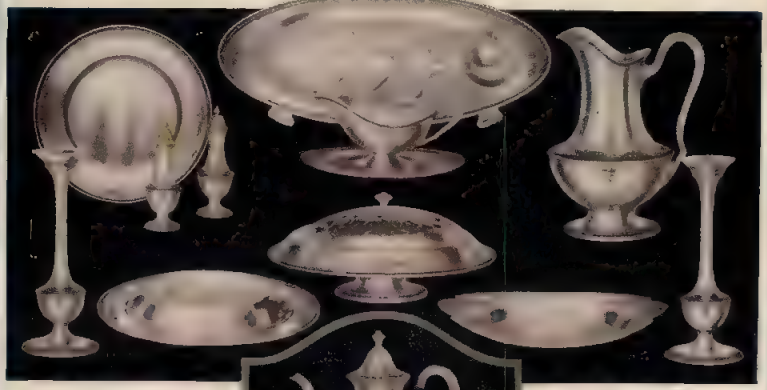
Assorted colors, red, green, blue and yellow; plain nickel plated spoke wheels.

NO.	Lgth. In.	Wd. In.	Ht.In.	lb Doz.	DOZEN
116X	5	2½	2½	14	$3.20

6 in a paper carton, 6 dozen in case.

.1847 ROGERS BROS.

SILVERPLATE



008703 Tea or Coffee Set
Three Pieces
Coffee Pot, Sugar Bowl and Cream Pitcher
List, set, $81.36; Consumer, set, **$65.00**

008711 Waiter, 16 inch, oval
(not illustrated)
List, each, $31.30; Consumer, each, **$25.00**

008746 Service Plate, 10½ in.
List, each, $12.52; Consumer, each, **$10.00**

008747 Bread and Butter Plate
Diameter, 6½ inches
List, each, $6.26; Consumer each, **$5.00**

008744 Salt and Pepper Set
Height 3½ inches
List, set, $12.52; Consumer, set, **$10.00**

008753 Candlesticks
Height, 10 inches
List, pair, $31.30; Consumer, pair, **$25.00**

008739 Double Vegetable Dish
Side Handles
Length, 12¼ inches
List, each, $31.30
Consumer,
each, **$25.00**

ARGOSY PATTERN

Chased
Butler Grey Finish

Matching the Spoons, Forks and Knives in the Argosy Pattern

Meat Dishes, Flat

		List	Consumer
008731	16 inch	$25.04	$20.00
008732	18 inch	31.30	25.00
008733	20 inch	37.54	30.00

Meat Dishes, Well and Tree

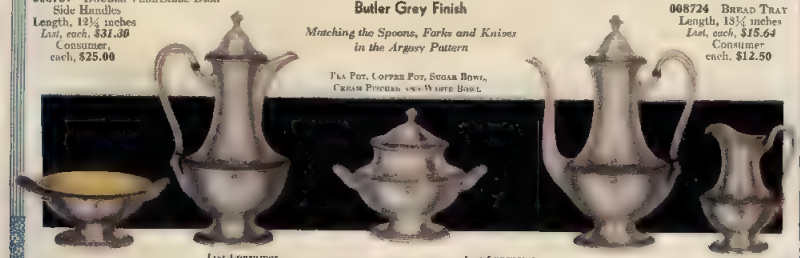
008735	16 inch	$34.42	$27.50
008736	18 inch	40.68	32.50
008737	20 inch	46.94	37.50

008741 Gravy Boat and Plate
Capacity, 10 ounces
List, set, $25.04; Consumer, set, **$20.00**

008750 Centerpiece, Gold Lined
Diameter 13 inches
With Silver Plated Double Mesh
List, each, $50.05; Consumer, each, **$40.00**

008743 Water Pitcher
Capacity, 4½ pints
List, each, $37.54; Consumer, each, **$30.00**

008724 Bread Tray
Length, 13¼ inches
List, each, $15.64
Consumer
each, **$12.50**



Tea Pot, Coffee Pot, Sugar Bowl, Cream Pitcher and Waste Bowl

		List	Consumer
008705	Set of Five Pieces	$125.16	$100.00
008704	Set of Four Pieces	112.64	90.00
008703	Set of Three Pieces	81.36	65.00

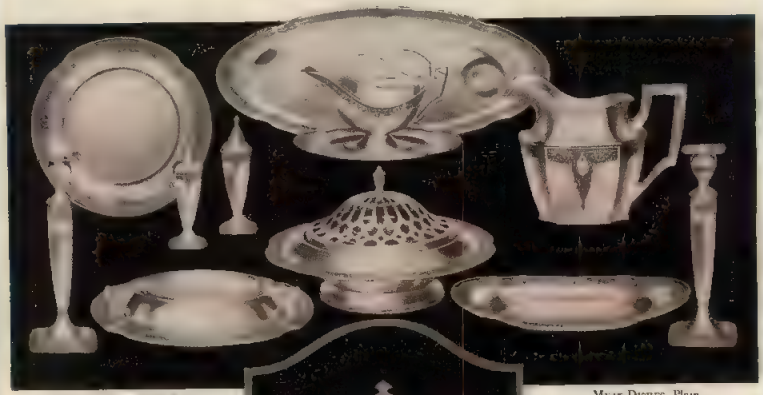
		List	Consumer
008706	Coffee Pot or Cane	$31.30	$25.00
008707	Tea Pot	31.30	25.00
008708	Sugar Bowl	25.04	20.00
008709	Cream Pitcher, [illegible]	25.04	20.00

		List	Consumer
008710	Waste Bowl, Gold Lined	$12.52	$10.00
008712	Waiter, [illegible]	50.06	40.00
008711	Waiter [illegible]	31.30	25.00

INTERNATIONAL SILVER CO.

1847 ROGERS BROS.

SILVERPLATE



008603 Tea and Coffee Set
Three Pieces
Coffee Pot, Sugar Bowl and Cream Pitcher
List, set, $81.36; Consumer, set $65.00

008611 Waiter, 16 inch, oblong (not illustrated
List, each, $31.30, Consumer, $25.00

008646 Service Plate, 10½ in
List, each $12.52; Consumer, $10 00

008647 Bread and Butter Plate, Diameter, 6¼ inches
List, each, $6 26; Consumer, each, $5.00

008644 Salt and Pepper Set
Height, 6¼ inches
List, set, $12.52; Consumer, set, $10 00

008653 Candlesticks
Height, 10½ inches
List, pair, $31.30; Consumer, pair, $25.00

008639 Double Vegetable Dish
Side Handles
Length, 12½ inches
List each, $31.30
Consumer each, $25.00

ANCESTRAL PATTERN

Etched

Butler Grey Finish

Matching the Spoons, Forks and Knives in the Ancestral Pattern

Meat Dishes, Plain

		List	Consumer
008631	16 inch	*$25.01*	$20 00
008632	18 inch	*31.30*	25.00

Meat Dishes, Well and Tree

		List	Consumer
008636	18 inch	*$40.68*	$32.50
008637	20 inch	*46 94*	37.50

008641 Gravy Boat and Plate
Capacity, 9 ounces
List, set, $25.04; Consumer, set, $20.00

008650 Centerpiece, Gold Lined
Diameter, 13 inches
With Silver Plated Double Mesh
List, each, $50 06; Consumer, each, $40.00

008643 Water Pitcher
Capacity, 4 pints
List, each, $37.54; Consumer, each, $30.00

008624 Bread Tray
Length, 13 inches
List, each, $15.64
Consumer, each, $12 50

Tea Pot, Coffee Pot, Sugar Bowl, Cream Pitcher and Waste Bowl

		List	Consumer
008605	Set of Five Pieces	*$125.16*	$100.00
008604	Set of Four Pieces	*112.64*	90.00
008603	Set of Three Pieces	*81.36*	65.00

		List	Consumer
008605	Coffee Pot (or Choc.), 48 oz	*$31.30*	$25.00
008607	Tea Pot, 32 ounces	*31 30*	25.00
008608	Sugar Bowl	*25.04*	20.00
008609	Cream Pitcher, Gold Lined	*25.04*	20.00

		List	Consumer
008610	Waste Bowl, Gold Lined	*$12.52*	$10.00
008612	Waiter, 12 in oblong (not ill)	*50.06*	40.00
008611	Waiter, 16 in oblong (not ill)	*31.30*	25.00

INTERNATIONAL SILVER CO.

GASOLINE LAMPS

QUICK-LITE

Special Design Opal Shade

This standard model is equipped with a shade which has been especially designed for Quick-Lite Lamps

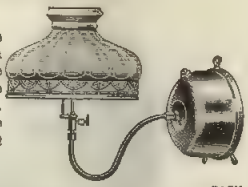
It is ornamental and a splendid value. With this lamp, shade-breakage is reduced to a minimum because the large panel design of the shade and the weight and quality of glassware used produce uniform heat expansion.

One in carton complete with shade, mantles, pump, wrench, hanger, cleaning pick and extra generator.

NO.	lb Each	EACH
C329	10	$11.00

QUICK-LITE BRACKET

The Bracket Lamp is handy in rooms with low ceiling, over the desk, etc. Can also be used as a table lamp. One in a carton, same equipment as No. CQ 329.



NO	Wt. Each	EACH
BQ329	9 lb.	$14.00

QUICK LITE

Decorated Brown and Tan Shade

The regular lamp with fancy instead of plain shade. No. 318 shade has always been a good seller. This shade is decorated in brown and tan tints with delicate green vine and pink wild roses.

One in carton complete with shade, mantles, pump, wrench, hanger, cleaning pick and extra generator.

NO.	lb Each	EACH
C318	10	$12.50

QUICK-LITE

Decorated Mellotone Opal Shade

No. CQ324 Quick-Lite Lamp is the same as No. CQ329, excepting the shade. No. 324 shade is unusually attractive. It is made from beautiful mellotone opal glass, tinted in delicate green. This shade is gracefully designed and gives a wonderfully rich and pleasing light.

One in carton, complete with shade, mantles, pump, wrench, hanger, cleaning pick and extra generator.

NO.	lb Each	EACH
C324	10	$12.50

Coleman

Lights instantly. No preheating required. New instant gas design burner. Equipped with triple-life generator, new automatic gas tip cleaner; new automatic safety air release. Brass fount, crown ribbed embossing; handle of Grecian vase design, equipped with hand operated filler plug and built in air pump. New kremelite shade; 12 inch in diameter made of heat resisting cream-colored opal glass.

Complete with shade, two mantles, wrench and tip pick.

NO.	lb Ea	EACH
116	10½	$12.00

Coleman

Same as model 119 but with the following exceptions: Is fitted with No. 443 plain kremelite shade, 10 inches in diameter. Fount and handle finished in new Brown Gold Color. Complete with shade, two mantles, wrench and tip pick.

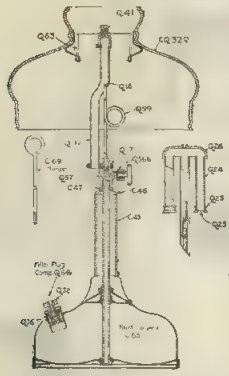
NO.	lb Ea.	EACH
118	10	$10.00

Coleman

Same as model 119, but with the following exceptions: Has separate air pumps. Is fitted with No. 443 plain kremelite shade 10 inches in diameter. Fount and handle finished in new stripped green color. Complete with shade, pump; two mantles, wrench and tip pick.

NO.	lb Ea.	EACH
117	10	$9.50

G PARTS FOR GASOLINE LIGHTS



Model CQ Quick-Lite Lamps

C5	Finishing Shell	$0.36
Q11	Burner Support Tube	.36
Q17	Burner Support Casting	.18
Q18	Gas Tips	.06
Q23	Burner Cap, Complete	.15
Q24	Burner Tube	.15
Q25	Burner Cap Screen, 2 for	.06
Q26	Mixing Chamber	.48
Q32	Air Stem	.18
Q36	Lead Gaskets, 2 for	.06
Q41	Shade Holder Screw	.06
C45	Handle	.30
C45B	Handle, Complete	.45
C46	Fiber Handle Cap	.06
C47	Handle Lock Nut	.06
Q58B	Valve Stem and Nut	.30
Q57	Valve, Complete	.75
Q63	Universal Shade Holder	.30
Q64B	Filler Plug, Complete	.60
C65	Fount with Filler Plug	5.40
C69	Hanger	.09
Q70	Burner, Generator and Valve, assembled	3.00
Q99	Generator, Complete	.35
Q	Pump for all Portable Lamps, Lanterns	.75
QW	Tip Wrench	.15
Q	Tip Cleaning Needle	.06

FILTERING FUNNEL

Coleman

Heavily copper plated and non-corrosive. In the bottom of the funnel is a fine brass wire strainer. Removable ring with a special filtering fabric. For use with Coleman Lamps and Lanterns.

NO.	Diam. In.	Ht. In.	EACH
0	2½	3¼	$0.60

DECORATED SHADES

318

329

NO.	Design—Finish	Wt. Each	EACH
318	Decorated, Brown Tan	2 lb	$3.50
324	Green, Tinted	2 lb.	3.50
329	Special Design, Opal	2 lb.	2.00

COLEMAN MANTLES

Coleman Mantles are made with a reinforced bottom to resist wear where the pressure is greatest. They are made from Egyptian long fiber thread, highly solutioned with best grades of necessary chemicals. They help the sale of Quick-Lite Lamps and Lanterns by giving the user more light, better light and longer service.

Each gross of Coleman Mantles comes packed in a counter display carton attractively printed in purple and orange. Each dozen mantles are packed in a special paraffined box that keeps them fresh and clean. The dozen size boxes are printed in purple which makes a very attractive color combination with the gross size carton for display purposes on the dealer's counter.

This display carton makes stock keeping easier and increases mantle sales. Regular Quick-Lite users quickly see the advantage of buying their Coleman Mantles by the package.

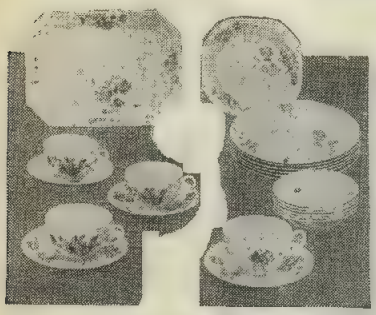
Price, per dozen	$1.50
41 Price Per Gross	17.20

GENERATORS

NO.		DOZEN
Q99		$6.00
Q77	For Instant Lite Lamps and Lanterns	$2.40

G CHINA WARE

BREAKFAST SET



Limoge China

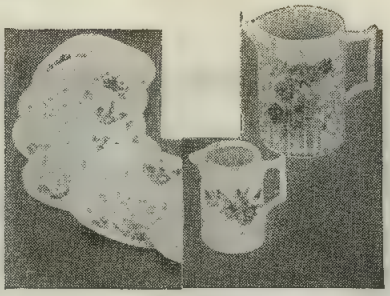
Semi-Porcelain, Emerald Green Design.

32 Piece Set Consisting of—
- 6—9 Inch Plates
- 6—6 Inch Plates
- 6—Cups
- 6—Saucers
- 6—Desert Dishes
- 1 —11½ Inch Meat Platter
- 1—8 Inch Salad Dish

No.	Lbs Set	PER SET
1	21	$12.00

One Set in a Carton.

WAFFLE SET



Limoge China

Semi-Porcelain, Emerald Green Design.

15 Piece Set Consisting of—
- 4—8 Inch Square Plates
- 4—Cups
- 4—Saucers
- 1—10 Inch Waffle Server
- 1—BatterJug
- 1—Syrup Pitcher

No.	Lbs Set	PER SET
2	12	$9.00

New attractive items in glass stem ware, purchased too late for cataloging, will be found on display in our sample room

CHINAWARE

G

BREAKFAST SET

Semi-Porcelain. Limoge China

Furnished in Turquoise Blue and Golden Glow. 32 Piece Set consisting of—

6—Dinner Plates
6—Pie Plates
6—Cups
6—Saucers
6—Oatmeal Dishes
1—Platter
1—Rd. Vegetable Dish

NO.	Lbs. Set	PER SET
32B	26	$10.00
32Y	26	10.00

One set in a carton.

UNIVERSAL SET

Semi-Porcelain. Limoge China

Furnished in Turquoise Blue and Golden Glow. 25 Piece Set consisting of—

4—Dinner Plates
4—Pie Plates
4—Cups
4—Saucers
4—Oatmeal Dishes
1—Platter
1—Rd. Vegetable Dish
1—Sugar
1—Cover for same
1—Creamer

NO.	Lbs. Set	PER SET
25B	22	$10.50
25Y	22	10.50

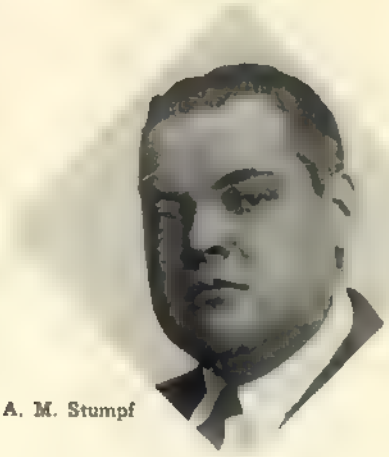
One set in a carton.

Here's the Inside Track on How to Do a RAILROAD BUSINESS in Toys

The Grand Central Toy Shop Is Located in One of New York's Great Railway Terminals — Where It Never Rains — Yet This Toyman Prays for Rain!

By

A. G. WINKLER



A. M. Stumpf

Here is a toy shop so ideally and unusually located that during every sunshiny working day, year in and year out, 65,000 people pass the door, whereas on every rainy day, that number is almost doubled! Is it any wonder that the proprietor prays for rain?

This is only one of the odd features of this most unusual shop. The proprietor is A. M. Stumpf. His store is the Grand Central Toy Shop, located in one of the busiest arcades in that huge New York Central terminus at 42nd Street and Park Avenue, New York City. This station is one of the busiest spots in the great city and has dozens of passages leading into it from hotels, subways, streets and train platforms. The Toy Shop faces one of the busiest tunnels, a 25 foot passage from one of the subway lines to the station proper. The reason Mr. Stumpf prays for rain is that during bad weather, more people abandon the bus, surface and elevated lines in favor of the subways, and consequently more people pass his door.

There is not a great deal about this successful shop and the system used by Mr. Stumpf that can be applied by other toy shop men. It is decidedly unique in location and operation. But inspiration can surely be drawn from the thoroughness with which Mr. Stumpf has studied his peculiar problems and the careful steps he has taken to overcome them. So long as this type of

industry and intelligence is to be found in the toy business, just that long will real profits be made in it.

The shop itself is quite interesting. The front is 18 feet wide and the depth is 30 feet. Windows of equal size on either side of the front door are 7½ feet square. A basement, the same size as the store, is utilized for storage purposes, and as a greeting card salesroom during proper seasons.

How to Serve the Man in a Hurry

Inside the store, toys are displayed as freely and completely as possible. This is to solve a certain problem. "We find that the people are almost invariably in a hurry," said Mr. Stumpf. "They are either hurrying for a train, or are just off a train, hurrying home. So we have as varied an assortment as possible to show them. Most of those who come in are men. So we stock a lot of games, toys, sets, etc., that appeal particularly to the masculine mind. These are our biggest sellers Few men buy dolls. We try to have lots of boxed stuff, so the packages can be easily slipped into the traveling bag."

Of course, there are other customers who are neither leaving nor coming into town, but the bulk of the business is done with people who are traveling and particularly with traveling salesmen. "I sometimes think that salesmen's children are the luckiest youngsters in the country," said Mr. Stumpf, smiling. "Invariably, when their father is away, he takes them home a toy. If he has a good week he generally buys a more expensive toy. If business has been poor, his purchase is smaller. But he *always* buys *something*. I have many steady customers among the traveling men and also the commuters who come through the station."

How to Make Every Inch Count

To facilitate quick selections, every available bit of wall space is taken up with shelves. The ceiling is 9 feet high and along every wall the shelves extend from floor to ceiling. There are also two pyramid racks, each with five shelves, 12 feet long and ranging from a 30-inch width at the bottom to six inches at the top. Two glass-covered counters are also used

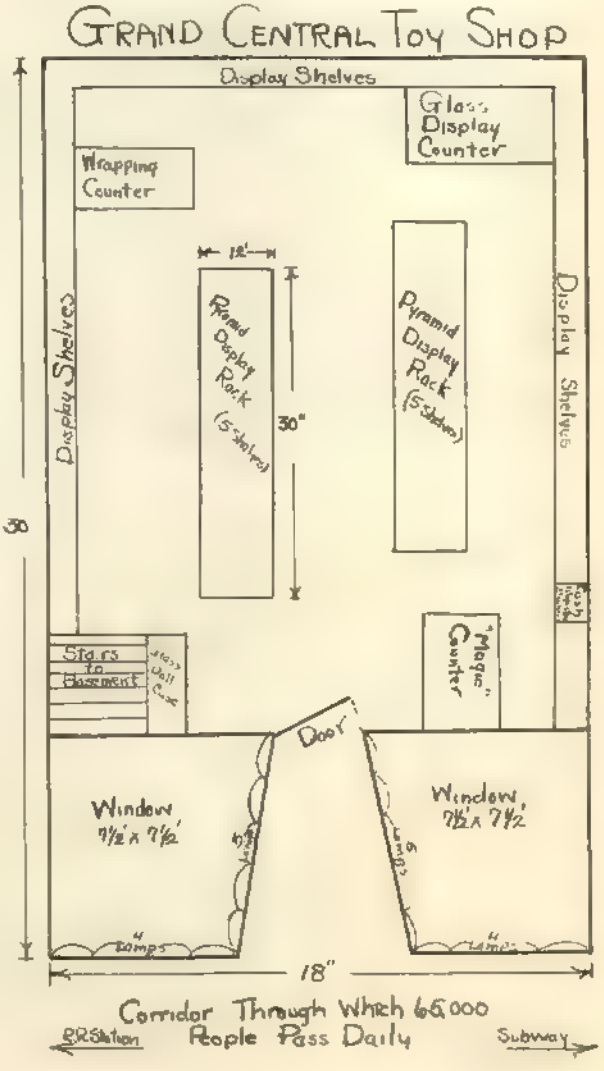
Windows Say, "Stop, Look and Come In!"

Though he knew that 65,000 people were sure to pass his shop every working day, Mr. Stumpf did not sit back and trust to luck. "My problem," he said, "has been to make them stop to look and then come in. We are very careful with our windows, using catchy objects and moving toys whenever possible. Just recently we rearranged the shape of the windows and improved the lighting. The results are very pleasing." The windows are certainly brilliantly illuminated. It is interesting to note that they contain more lamps to light their 100 square feet than are used inside the store. Nine 100-watt lamps are used in each window, whereas but 1350 watts are used in the store proper.

"During the pre-Easter season," Mr Stumpf went on, "we used a very ingenious stuffed toy display in one window, and it brought us a great deal of business. Of course the rainy days just before Easter helped a lot, also. On any rainy day we do twice as much business as on a good-weather day, but those days we did three and four times as much as usual. People from the offices in this neighborhood who could not walk around outside during their lunch hours, came in the station to stroll and we sold many of them. Also, the regular diversion to the subway of others who usually walked outside, or took buses, surface or elevated lines, helped out." This is in direct contrast with other toy departments in New York, most of which suffered from the rains

"Toys Are Trumps—Play Them"

Mr. Stumpf tried all sorts of ideas to get people into the shop. At one time he played music rolls, phonographs, etc. "But they just stood in the door and stared, like average New Yorkers," he lamented. "Now we simply make the window as snappy as possible, leave the door wide open (it is warm in here in the winter)



and put interesting toys inside where they can be seen just before entering."

He has a counter where "magic" sets are sold by Bob Sherman, well known inventor of these sets. He also sells sheet music and greeting cards. But he is at heart a toyman, and that is where his real interest lies

Have You Analyzed Your Business Like This?

He has studied every detail. He knows, for instance, that his business peaks each day are from 8:30 a. m. to 9:30 a. m., from 11:30 a. m. to 2:30 p. m., and from 4:30 p. m to 7 p. m. He keeps his shop open from 8 a. m. to 9 p. m. The last important train leaves the station at 9 p. m., and Mr. Stumpf has proved by experimentation that it does not pay to keep open later than that

Another fact, interesting and important to him and his shop only, is that on Monday, Tuesday and Wednesday the sales average $1 per person. The remaining three days of the week they average $1.25. This is because the salesmen who come into the city to do business are generally leaving during the last few days.

Mr. Stumpf takes his job as a real obligation. He has trained his force to be alert and helpful. He handles good merchandise. He knows that for many of the people who come to his store, it is the "last chance" to buy a toy before boarding a train. And so well has he arranged his store, stock and sales force *that fully 90% of all the people who come into his store actually do make a purchase.*

With such a small store, and a stock which averages between $9000 and $10,000, he does a business of $50,000 a year, which is considerable of an achievement. He could only do it by carefully studying his problems, and by giving the best value possible for the money, even though his location is exceptional. When he buys, he says, he considers the manufacturers behind the toys, and he puts his faith in those he knows through personal contact and advertising. And that is a sound rule for any toy man to follow

REISS Puts the Children ON PARADE

Reiss Mercantile Co Mobile, Alabama, who call themselves "Mobile's Best, Biggest Toyists," are confirmed believers in the annual street parade. They should know, having tried the stunt six times.

The last juvenile vehicle parade was held November 22, 1929, and let Mr. Reiss make his own comments

"Every year the toy parade has been put on it has grown in popularity. Six years ago when we first attempted it we had a large audience. Every year it has grown in volume until last year the streets were as crowded as they are during Mardi Gras. All along the route of march the sidewalks were thronged with cheering spectators, with almost as many adults as youngsters represented.

"As producer of the parade, I naturally come in contact with the children in it. From this I get almost as much pleasure as I do out of Christmas day, for these youngsters get a tremendous kick out of being in the parade. They are widely enthusiastic and it is with great difficulty they are restrained from starting the march before the scheduled time. I really believe they get as many thrills from the event as they do from their own birthday parties."

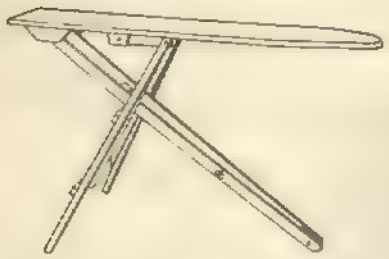
Mothers, grandparents, aunts were prepared to "let the housework go" to bring the children down at 11 o'clock Saturday. Here's what they saw:

First, Santa himself, then 200 of their playmates and fellow juvenile citizens, most of them pushing or riding a toy vehicle and costumed to match their mounts. There was Tom Mix and Tony, Admiral Sea Legs with a dry land battleship, Ima Aviator and his airplane, Mrs. Iva Family and her ten nursemaids wheeling the children in carriages, Chief Killa Fire and his six assistants, who were unable to dampen the enthusiasm of all concerned.

It was by no means a silent parade—hardly. A 40-piece harmonica band, a 20-piece drum corps, plus a 40-piece "kiddies' band" could make the deaf to hear again.

Figure it out for yourself, Mr. Merchant. Innumerable sales possibilities may be opened up by a juvenile

IRONING TABLES



Works on two patent swinging arms which open and close automatically and keep it from collapsing should the top be lifted while the board is in use. The neatest and safest board for the money on the market. No wires to contend with or to stretch when board has been used for a while.

No. 410. Size 13x54 in. Wt. doz. 170 lbs. .....Dozen **$36 00**

Four in a crate.

Automatic.

A patented gravity lock which locks automatically each time the board is opened. To close it, just lift the lock with one finger and it folds right up, and with a slight tap of the hand the board locks when folded. The safety iron holder, which is also a patented feature, fits very smoothly in the board, leaving no sharp edges. It is set in asbestos all around where it touches the wood, making it absolutely fireproof. The wood is only partly cut out, leaving an air space between the iron holder and the board, making it strong and smooth.

No. 400. Size 14½x56 in. Wt. doz. 270 lbs. .....Dozen **$48 00**

Two in a crate

LAUNDRY IRONS

ASBESTOS

No. 70. A set consists of one handle and nickel plated asbestos lined cover combined, three cores or bottoms and one asbestos covered stand. Ship. wt doz. sets 197 lbs.....Dozen Sets **$45 00**

One-quarter dozen sets in a case.

MRS. POTTS

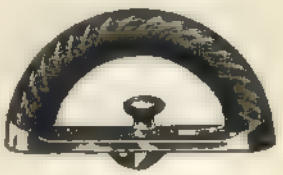
In Sets Consisting of Three Irons, One Handle and One Stand.

No. 50. Nickel plated. Shipping wt. los. sets, 190 lbs....Dozen Sets **$30 00**

One-half dozen sets in case.

HANDLES

LAUNDRY IRON



For Pott's Irons.

No. 10. Cast iron stretcher, japanned. Wt. doz., 4¾ lbs.....Dozen**$2 40**

Half dozen in a pkg

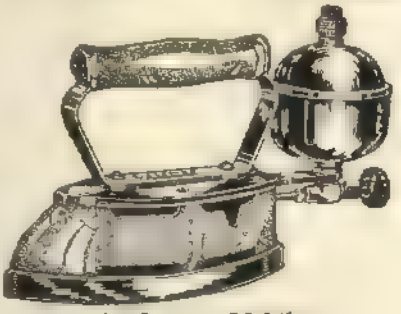
SELF HEATING IRONS

COLEMAN

Model 5. Torch Generating.

Double pointed; nickel plated base, lid and handle frame; green porcelain enameled shell; green enameled wood handle; fount and valve unit constructed of brass; full capacity ½ pint; heavy duty brass generator with self-cleaning gas tip; burner extends full length of iron heating the entire bottom with the point the hottest; two-piece ventilated lid prevents tarnishing and keeps handle cool; heat can be regulated for light and heavy work; sixteen square inches ironing surface; perfectly balanced for easy ironing; complete with stand, pump, wrench, alcohol bottle, torch and funnel; 3½ inches wide by 10½ inches long by 6½ inches high, overall.

Model 5. Net wt. filled 6½ lbs. Ship. wt. ea. 8 lbs. .....Each **$6 30**

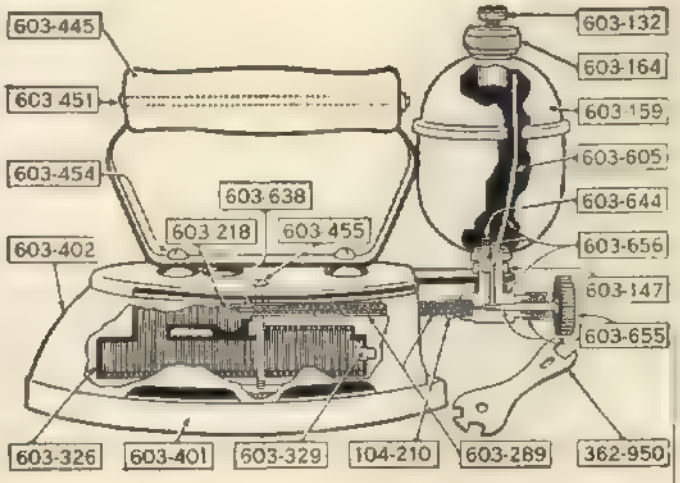


No. 4. Instant Lighting.

Self-heating, lights instantly; no pre-heating; double pointed; nickel plated base, lid and handle frame; blue porcelain enameled body; blue enameled wood handle; fount and valve unit constructed of brass; fuel capacity ½ pint; brass generator with self-cleaning tip; burner extends full length of iron, heating the entire bottom with the point the hottest; two-piece ventilated lid prevents tarnishing and keeps handle cool; heat can be regulated for light or heavy work; sixteen square inches ironing surface, complete with stand, pump, wrench and measuring can; 3¾ inches wide by 10½ inches long by 6½ inches high

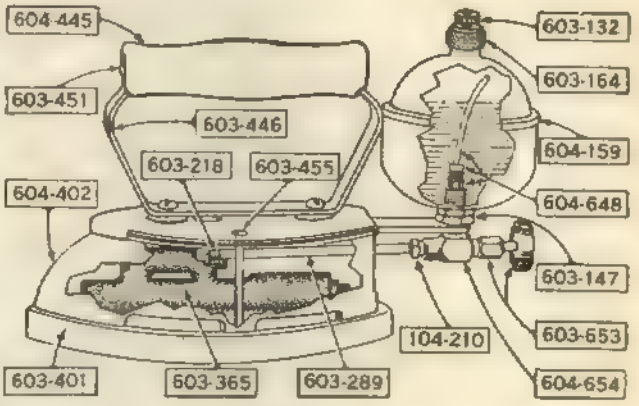
Model 4. Net wt. filled 6½ lbs. Ship. wt. 8 lbs. .....Each **$6 75**

REPAIR PARTS FOR COLEMAN IRONS



Model No. 3.

Match Lighting.



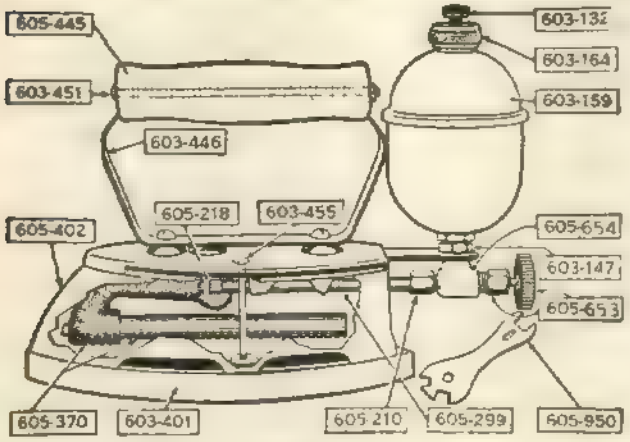
Model No. 4.

Instant Lighting.

No. 102-143	Burner Support Screws ..... Each	$0 03
No. 104-210	Jam Nut for Generator ..... Each	03
No. 216-509	Pump Leather ..... 2 for	09
No. 362-950	Wrench ..... Each	15
No. 603-401	Base or Sole Plate ..... Each	$1 20
No. 603-402	Body Casting only ..... Each	75
No. 603-455	Body and Base Screws ..... Each	06
No. 603-439	Pilot Frame Baffle Plate ..... Each	09
No. 603-445	Handle (wood) ..... Each	21
No. 603-451	Bolt and Nut for Handle ..... Each	15
No. 603-454	Handle Bracket Screws and Nut . Each	06
No. 603-655	Valve Stem, Nut and Needle Comp. Each	60
No. 603-289	Generator with Needle..... Each	33
No. 603-218	Gas Tip for Generator ..... Each	06
No. 603-656	Valve Body with Intake Tip, Screen and Air Tube ..... Each	84
No. 603-657	Valve and Generator Complete .... Each	1 50
No. 603-159	Fount less Filler Plug ..... Each	1 26
No. 603-164	Filler Plug Complete ..... Each	48
No. 603-132	Air Stem for Filler Plug ..... Each	18
No. 603-139	Core and Gasket for Filler Plug .. Each	18
No. 603-136	Gasket for Filler Plug ..... Each	03
No. 603-326	Burner Casting and Plug ..... Each	96
No. 603-189	Fount, Valve and Generator Assembled Complete ..... Each	2 85
No. 603-605	Air Tube ..... Each	09
No. 603-644	Intake Tip and Screen ..... Each	09
No. 603-147	Lock Nut ..... Each	06
No. 603-940	Funnel ..... Each	18
No. 603-585	Pump ..... Each	60
No. 603-440	Stand for Iron ..... Each	24
No. 603-638	Generator Needle and Tube ..... Each	15
No. 603-329	Burner Plug ..... Each	06

No. 102-143.	Burner Support Screw ..... 2 for	$0 06
No. 104-210.	Generator Jamb Nut ..... Each	03
No. 216-509.	Pump Leather ..... 2 for	09
No. 216-638.	Generator Needle and Holder..... Each	15
No. 216-620.	Graphite Valve Stem Packing..... 2 for	06
No. 362-950.	Wrench ..... Each	15
No. 410-585.	Pump ..... Each	45
No. 603-132.	Filler Plug Air Stem ..... Each	18
No. 603-136.	Filler Plug Gasket ..... 2 for	06
No. 603-147.	Lock Nut ..... Each	06
No. 603-164.	Filler Plug, complete ..... Each	48
No. 603-218.	Gas Tip ..... Each	06
No. 603-289.	Generator with Needle ..... Each	36
No. 603-365.	Burner Casting with Plug ..... Each	96
No. 603-329.	Burner Plug ..... Each	06
No. 603-401.	Base, or Sole Plate ..... Each	1 20
No. 603-406.	Lid Plate (lower half) ..... Each	36
No. 603-407.	Lid Plate (upper half) ..... Each	45
No. 603-410.	Tank Bracket ..... Each	12
No. 603-415.	Locator Pins ..... 2 for	06
No. 603-439.	Pilot Flame Baffle Plate ..... Each	09
No. 603-440.	Stand for Iron ..... Each	24
No. 603-446.	Handle Bracket ..... Each	30
No. 603-451.	Handle Bolt and Nut ..... Each	15
No. 603-452.	Nut only, for Handle Bolt ..... 2 for	06
No. 603-457.	Handle Bracket Screw and Nut .. Each	06
No. 603-653.	Valve Stem and Nut ..... Each	45
No. 604-159.	Fount, less Filler Plug ..... Each	1 35
No. 604-189.	Fount, Valve and Generator Assembled ..... Each	3 00
No. 604-402.	Body Casting (blue vitreous)..... Each	90
No. 604-445.	Wood Handle (blue) ..... Each	21
No. 604-648.	Fuel Intake and Air Tube ..... Each	30
No. 604-654.	Valve Body ..... Each	54
No. 604-657.	Generator and Valve, complete, assembled ..... Each	1 50
No. 604-920.	Fuel Measuring Cups ..... Each	45

REPAIR PARTS FOR COLEMAN IRONS



Model No. 5.

Torch Generating.

No. 102-143.	Burner Support Screw	2 for	$0 06
No. 216-509.	Pump Leather	2 for	09
No. 410-585	Pump	Each	45
No. 603-132.	Filler Plug Air Stem	Each	18
No. 603-136.	Filler Plug Gasket	2 for	06
No. 603-139.	Filler Plug Core and Gasket	Each	18
No. 603-147.	Lock Nut	Each	06
No. 603-159.	Fount, less Filler Plug	Each	1 26
No. 603-164.	Filler Plug, complete	Each	48
No. 603-401.	Base	Each	1 20
No. 603-406.	Lid Plate (lower half)	Each	36
No. 603-407.	Lid Plate (upper half)	Each	45
No. 603-410.	Tank Bracket	Each	12
No. 603-415.	Locator Pin	2 for	06
No. 603-439.	Pilot Flame Baffle Plate	Each	09
No. 603-440.	Stand for Iron	Each	24
No. 603-446.	Handle Bracket	Each	30
No 603-451.	Handle Bolt and Nut	Each	15
No. 603-455.	Base Screw	Each	06
No. 603-940.	Funnel	Each	18
No. 605-189.	Fount, Valve and Generato., assembled	Each	2 85
No. 605-210.	Generator Jamb Nut	Each	03
No. 605-218	Generator Gas Tip	Each	12
No. 605-289.	Generator and Needle	Each	39
No. 605-370.	Burner Casting and Tube, complete	Each	90
No. 605-402.	Body Casting (green vitreous)	Each	90
No. 605-445.	Handle (green)	Each	21
No. 605-538.	Generator Needle and Holder	Each	15
No. 605-651.	Valve Stem and Nut	Each	60
No. 605-660.	Valve Body	Each	60
No. 605-657.	Valve and Generator, assembled	Each	1 50
No. 605-950.	Wrench	Each	15

TOWEL ROLLERS

Handy. Length 18 inches; roller ⅞ inch; heavy wrought steel brackets, nickel plated; one end bracket is slotted so that the roller can be removed to insert towel; roller and arms are hard wood. Wt. doz. 6¼ lbs. .....Dozen $3 60

One dozen in a pkg.

CHOPPING BOWLS

Round.

Extra heavy and deep; made from selected rock maple; sanded and waxed.

Diam., ins.	13	15	17
Doz. in crate	1	1	½
Wt. doz., lbs.	27	36	56
Doz.	$9 00	16 50	29 00

One dozen in a crate.

ROLLING PINS

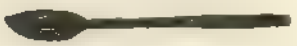
Wood. Selected, turned and sanded; revolving handles; length of body, 11 inches; length overall, 18½ inches; diameter 2⅝ inches. Wt. doz., 18 lbs. .....Dozen $6 00

One dozen in a crate.

Glass. Smooth glass body, easily cleaned and sanitary; white wood handles and spindle on which body revolves; length of body 12½ inches; length overall, 20¾ inches; diameter of body 2¾ inches. Wt. dozen, 19½ lbs. .....Dozen $12 00

MIXING SPOONS

MAPLE



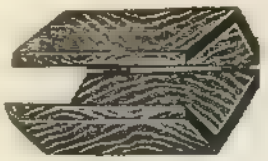
Solid Spoon Shaped Bowl.

Length, ins.	12	14
Wt. doz., lbs.	⅞	1¼
Doz.	$5 00	6 50

BUTTER MOULDS

Square. White Maple, Brass Hinges and Screws.

Lbs.	1	2
Wt. doz., lbs	11	16
Doz.	$6 00	7 00



Brick. 1 lb. Hard white maple; brass hinges and screws. Wt. doz., 12 lbs. .....Dozen $6 50

One dozen in a box.

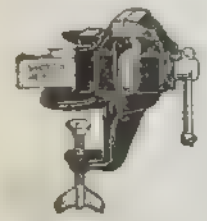
OVAL SLIDE VISES

Cast iron body, painted black; polished crucible tool steel jaws; polished steel screw and sliding lever handle. For strength and durability this vise will be found superior to any of this class.

Nos.	361	362	363	364
Width jaws, ins	2½	3	3½	4
Jaws open, ins	3¾	4	4½	4½
Length closed, ins	11½	13	15	16
Wt each, lbs	8	14	20	28
Each	$6 30	6 90	8 55	13 20

Packed loose

MACHINISTS' VISES

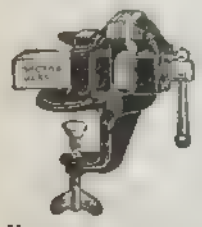


JERSEY, Clamps To Bench.

Milled iron jaws. With anvil; cast iron body japanned brown; polished slide, jaws and anvil face; polished steel screw and sliding lever handle.

Nos.	741	742	743	744	745	746
Width of jaws, ins	1½	1¾	2	2¼	2½	3
Jaws open, ins	2⅜	2½	2⅝	2¾	3	3⅜
Length over all, ins	5⅝	5⅝	5¾	6⅛	7 1/16	8⅝
Wt each, lbs	3	3¼	3½	4	5	8¾
Each	$3 60	4 50	4 80	5 70	6 75	10 50

One in box.



JERSEY, Clamps To Bench.

Steel faced jaws. With anvil; cast iron body, japanned brown, with polished slide, jaws and anvil face, polished steel screw and sliding lever handle.

Nos.	761	763	765	766
Width of jaws, ins	1½	2	2½	3
Jaws open, ins	2⅜	2⅝	3	3⅜
Length over all, ins	5⅝	5¾	7 1/16	8⅝
Wt each, lbs	3	3½	5	8¾
Each	$4 50	6 00	7 95	11 70

One in box.

JERSEY, Clamps To Bench, Swivel Base.

Steel faced jaws. With anvil; cast iron body, japanned brown, with polished slide, jaws and anvil face, polished steel screw and sliding lever handle.

Nos.	773	775	776
Width of jaws, ins	2	2½	3
Jaws open, ins	2⅝	3	3⅜
Length over all, ins	5¾	7 1/16	8⅝
Wt each, lbs	3½	5½	9½
Each	$6 00	8 70	12 00

One in box.

MODERN, Clamps To Bench.

Milled iron jaws. Cast iron body, dark red baked enamel finish; cold rolled polished steel main screw, clamp screw, steel guides and hand lever. Furnished with screw for fastening to bench.

Nos.	M52	M52½	M53
Width jaws, ins	2	2½	3
Spread of jaw, ins	1¾	2¾	3½
Wt each, lbs	2½	4¼	7
Each	$2 25	3 60	5 25

One in carton

MACHINISTS' VISES

BONNEY STANDARD VISE ASSORTMENT

Grey iron jaws cast semi-steel, main and thumb screws with cut threads. Head and collar is of a single piece with the main screw and will not wear out or pull off. Finished in black enamel baked on with polished screws, jaws and anvils.

Cast iron stand japanned, with hardwood shelves.

The following are Nos. and dimensions of vises contained in this assortment.

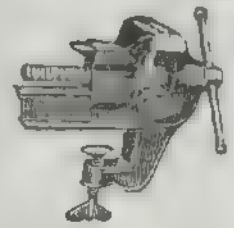
Vise Nos.	00	01	02	02½
Size jaws, ins	1	1½	2	2½
Wt each, lbs	1	1½	2¾	4

Per Ass't

No. 10BA—Consists of 17 vises: 6 No. 00, 6 No. 01, 3 No. 02 and 2 No. 02½; complete with display stand. $31 50

One ass't in case; wt per ass't 40 lbs.

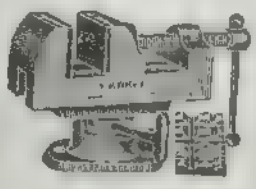
HARDY, General Purpose.



Malleable iron, black finish, Acme thread cold rolled steel main screw; works easy. Designed for general use in private garage, homes and for radio work. Furnished with screw for fastening to bench.

Nos.	641-1½	643-2	646-2½
Width of jaws, ins	1½	2	2½
Jaws open, ins	1¾	2¼	2¾
Wt each, lbs	1	2	4
Each	$1 20	2 01	3 30

Packed loose.



YANKEE, Patent Swivel Base.

Cast iron body and jaw, bright finish; dull black finish base. Steel adjusting screw, ½ inch diameter with ¾ inch head to receive sliding bar. Steel, case hardened removable swivel jaw is furnished to hold taper work. So constructed as when adjusting vise, the body slides instead of rear jaw. Swivel base fitted with lever which fastens and releases it. Countersunk holes are provided for screwing vise to bench.

Nos.	1991	1992	1993
Size body, ins	3⅝x1½	4⅛x2	7⅛x2¾
Extreme height, ins	3⅛	4⅛	5¾
Diam base, ins	2½	3½	4½
Depth jaws, ins	⅞	1⅛	1⅜
Jaws open, ins	1½	1 15/16	3⅛
Wt each, lbs	2½	5¼	13¼
Each	$9 00	13 80	22 50

Nos. 1991 and 1992, one in cardboard box; No. 1993, one in fibre box.

MACHINISTS' VISES

YANKEE, Stationary Base.

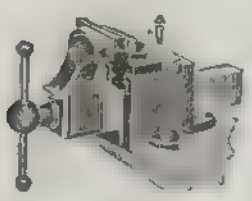
Cast iron body and sliding jaw, bright finish; accurately machined to hold work square when used either flat or on sides.

The sliding jaw slides in a V-shaped groove, insuring parallel movement. The adjusting screw is of steel, ½ inch diameter with ¾ inch head. A removable swivel jaw is provided to hold taper work, and is made of steel, case hardened

Two countersunk holes are provided in base to screw vise to bench.

Nos.	990	993
Size body, ins.	6x2⅜	7¼x2¾
Extreme height, ins.	2	3
Depth of jaws, ins	1⅜	1⅞
Jaws open, ins	3	3⅛
Wt each, lbs	3¾	9
Each	$7 50	15 75

One in box.



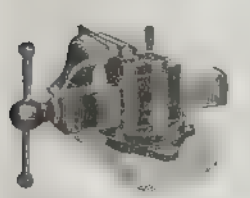
PRENTISS

Cast iron body, with polished slide and steel faced jaws; polished steel screw and sliding lever handle. Bar jaw is self-adjusting but may be made stationary by inserting pin marked "A".

Stationary Base.

Nos.	2	2½	3	4
Width jaws, ins	3½	4	4½	5¼
Jaws open, ins	4¾	5¼	6	8
Length over all, ins	15	17½	19	24
Wt each, lbs	28	41	54	93
Each	$39 00	45 75	54 00	84 00

Packed loose.



PRENTISS, Swivel Base.

Cast iron body, japanned with polished slide and steel faced jaws: polished steel screw and sliding lever handle. Bar jaw is self-adjusting but may be made stationary by inserting pin marked "A".

Nos.	19	19½	20	21
Width jaws, ins	3¼	4	4½	5¼
Jaws open, ins	4¾	5¼	6	8
Length over all, ins	15	17½	19	24
Wt each, lbs	33	47	64	110
Each	$48 00	57 00	69 00	105 00

Packed loose.

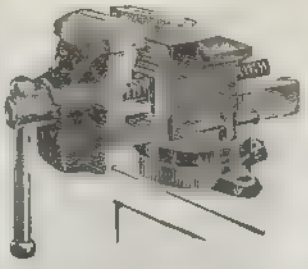
Stationary or Swivel Base.

Garage or home work. Cold rolled steel sliding bar; renewable hardened tool steel jaw faces; provided with removable hardened pipe jaws for holding anything round. A control bolt, nut and washer are furnished for fastening to bench as a swivel vise. Vise is provided with two bolt holes for permanently fastening to bench. **Painted dull black, trimmed with red, bright parts highly polished.**

Nos.	143	144
Width jaws, ins	3	4
Jaws open, ins	3½	4
Length over all, ins.	10½	14½
Wt each, lbs	13	26
Each	$6 30	17 25

One in carton.

MACHINISTS' VISES

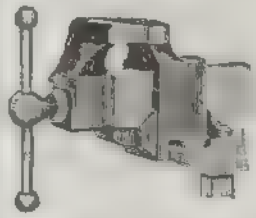


Swivel Base.

Grey iron and steel casting, japanned trimmed with orange; polished slide and steel faced jaws. Polished steel screws and sliding lever handle. Furnished with center bolt, nut and washer for fastening to bench, can be used as stationary or swivel bottom vise.

	Each
No. 143½—Width jaws 3½ ins; jaws open 4 ins; length over all 12 ins	$12 00

One in carton; wt each 16 lbs.

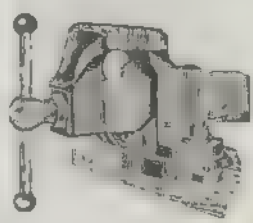


BULL DOG, Stationary Base.

Grey iron and steel castings, japanned; with polished slide and steel faced jaws, polished steel screw and sliding lever handle.

Nos.	50	51	52	53	55	56
Width, jaws, ins	3¼	3⅝	4⅛	4⅝	5½	6
Jaws open, ins	4	5½	6	7	9	10
Length over all, ins	13	15	17	19	23	25½
Wt each, lbs	22	28	39	50	95	122
Each	$24 75	27 00	30 75	37 50	75 00	96 00

Packed loose.



BULL DOG, Swivel Base.

Castings made from a mixture of grey iron and steel, japanned, with polished slide and steel faced jaws, polished steel screw and sliding lever handle. Swivel base, adjustable at any angle by raising ratchet pin on side of vise, when vise is in desired position, pin is forced in place by a spring locking vise in that position.

Nos.	90	91	92	93	95	96
Width jaws, ins	3¼	3⅝	4¼	4⅝	5½	6
Jaws open, ins	4	5½	6	7	9	10
Length over all, ins	13	15	17	19	23	25½
Wt each, lbs	25	36	46	62	115	147
Each	$31 50	37 50	42 00	48 00	93 00	126 00

Packed loose.

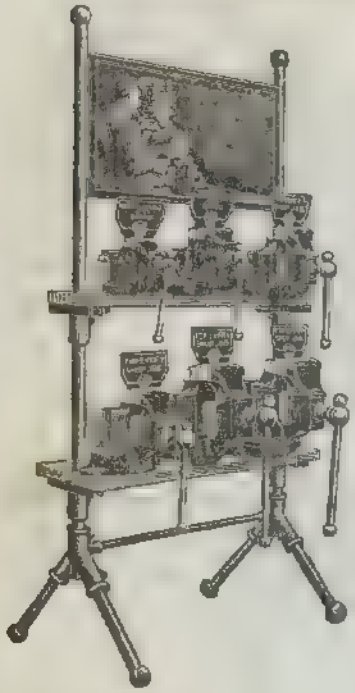
KEYSTONE

Cast iron, japanned, with polished tempered checkered faced steel jaws. Polished sliding lever handle.

Nos.	B	C	D	F	G
Width jaws, ins.	2¼	2½	3	3½	4
Jaws open, ins.	3	4	4	5	6
Length over all, ins.	8½	11¼	11¼	13¼	15½
Wt each, lbs.	5	10	15	20	30
Each	$6 75	9 30	12 75	15 00	18 00

Packed loose.

MACHINISTS VISES



PRENTISS VISE ASSORTMENTS

Grey iron and steel, castings polished steel screw and sliding lever handle. Nos. 161½ and 162 furnished with center bolt, nut and washer for fastening to bench can be used as stationary or swivel bottom vise. Nos. 50 and 52 have stationary base. Nos. 90 and 92 have swivel bottom, adjustable to any desired angle.

Per Ass't

No. 6—Assortment consists of one each of the following: Nos. 50, 52, 90, 92, 161½, 162 and one display stand furnished, no charge $150 00

Vises packed in bbl; wt per ass't 178 lbs; stands crated; wt each 65 lbs.

COMBINATION VISES

MACHINE AND PIPE PARKER'S, Swivel Base.

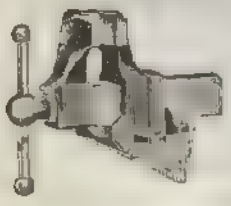
Semi-steel body, painted; with polished slide and steel faced jaws; polished steel screw and lever handle.

Nos.	87	88	288½
For pipe, ins	⅛to2	⅛to3	⅛to4
Jaws, ins	3½	4½	6
Jaws open, ins	3	5	8
Length over all, ins	15¼	17½	20¼
Wt each, lbs	46	70	114
Each	$42 00	57 00	83 25

Packed loose.

WOOD WORKERS' VISES

BULL DOG



Grey iron and steel castings japanned; polished slide, steel faced jaws; screw and sliding lever handle.

Each

No. 59—Width jaws 4½ ins; jaws open 9 ins; lgth. over all 19½ ins $39 75

Packed loose; wt each 47 lbs.

Dependable merchandise, dependable service and dependable prices is what we have been giving our customers since 1840 (90 years) and we are still doing it. One order will convince you of the wonderful service offered by the House of Belknap.

WOOD WORKERS' VISES

KEYSTONE, Stationary Base.

Cast iron body, japanned, with polished steel smooth face jaws, and sliding lever handle.

Each

No. M—Width jaws 4 ins; jaws open 6 ins; length over all 19 ins $21 00

Packed loose; wt each 35 lbs.

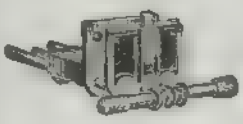
ABERNATHY

A rapid acting or continuous screw vise. A quarter turn to the left permits the sliding jaw to move either backward of forward instantly. Best quality gray iron castings, well machined and finished; cold drawn steel slides; extra smooth and accurately milled steel screw; phosphor bronze hobbed nut, of more than usual length, insuring strength and long wear.

Nos.	70	80
Width jaws, ins	7	10
Depth jaws, ins	4	4
Jaws open, ins	9	12
Length over all, ins	20	28
Wt each, lbs	28	32
Each	$18 75	23 25

Packed loose.

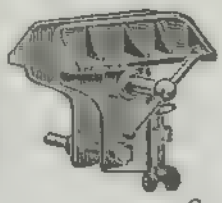
With Adjustable Dog.



Nos.	70D	80D
Width jaws, ins	7	10
Depth jaws, ins	4	4
Jaws open, ins	9	12
Length over all, ins	20	28
Wt each, lbs	29	33
Each	$19 80	24 00

Packed loose.

CHAMPION



Japanned cast iron body, polished tool steel screw and sliding lever handle. Has screw holes in each jaw for fastening on wooden jaw. Can be fastened to anything from ⅛ to 2¼ inches thick.

Each

No. 555—Lgth. jaws 4¾ ins; jaws open 3¼ ins; ht. 5 ins $6 75

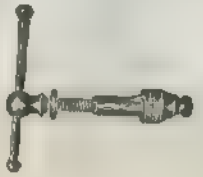
One in carton; wt each 4 lbs.

SOLID BOX VISES

Forged steel body, jaws and hinge plate, japanned finish; malleable iron bench plate, malleable box. Japanned polished steel screw and sliding lever handle. Steel spring between jaws.

Nos.	735	750	770	800
Wt each, lbs	35	50	70	100
Width of jaws, ins	3¾	5	5¼	6
Jaws open, ins	3¾	5	5¼	6
Each	11 52	13 59	17 76	25 50
Packed loose.	*$10 00*	*11 50*	*15 00*	*22 00*

VISE BOXES AND SCREWS



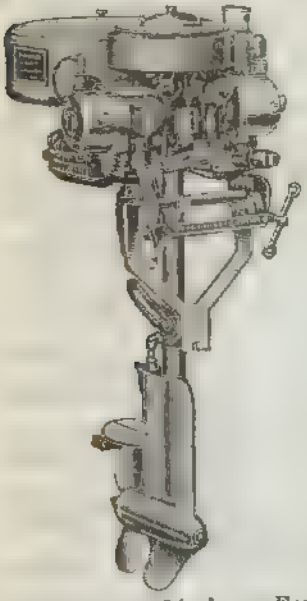
Wrought steel box. Steel screw and sliding lever handle. For solid box vises.

Nos.	1	2	3
For vises, lbs	35 to 50	70	100
Diam screw, ins	1½	1¾	1½
Diam box, ins	1½	1¾	2
Length over all, ins	6¼	7¾	8¼
Wt each about, lbs	8	12	12
Each	$9 00	9 00	13 50

Packed loose.

OUTBOARD MOTORS

CAILLE, MASTER FIVE SPEED TWIN, MODEL 22



2 Cylinder, 2 Cycle, 3 Port, 6 H. P. Motor, 200 to 2800 R. P. M. 2½ Inch Bore, 2 Inch Stroke.

Cylinders—Grey iron accurately ground to size.

Muffler—Extra large muffler silences motor, provided with cutout.

Pistons—Grey iron.

Piston Rings—American Hammered. Three to each piston. Pinned in place.

Crank Case—Heat treated aluminum alloy with bronze bearings pressed in.

Crank Shaft—¾ inch chrome nickel steel.

Main Bearings—2½ inch phosphor bronze.

Connecting Rods—Phosphor bronze.

Gasoline Tank—Heavy pressed aluminum. Two-gallon capacity. Strainer in bottom.

Main Frame—Heat treated aluminum alloy. Opening between clamps 2 inches. Equipped with theft proof lock clamp for fastening on boats.

Propeller—Bronze nickel plated, with shifting blades, giving two speeds forward, two speeds reverse, and neutral starting.

Drive Shaft Housing—Nickel plated brass tubing. Amply strong to withstand all thrust strain.

Drive Shaft Propeller Shaft—Stainless steel, ground finish.

Gear Housing—Stream line, heat treated aluminum alloy.

Gears—Chrome nickeled and Vanadium steel. Ratio: Propeller ½ motor speed.

Cooling System—Double water circulation system. All bronze plunger pump and forced circulation by action of propeller.

Ignition—Bosch High Tension Magneto built into flywheel. Waterproof.

Carburetor—Caille Special Carburetor with float and needle point adjustment. Throttle control and choke.

Starting—Caille 5 Speed Motors are the only motors with neutral starting position.

Tilting—Motor is pivoted on main frame, permitting propeller and shaft to tilt over submerged obstructions. Propeller can be tilted out of water for beaching boat.

Adaptability—Can be readily attached to any square stern boat without any fittings whatever.

For fresh or salt water without change of parts.

	Each
No. M22—Wt each 65 lbs	+$519 00

Crated.

+F. O. B. Michigan Factory Only.

CANOE PADDLES

Plain Ends. Best quality, well finished linden, with plain straight 6 inch blade.

Nos.	1CP-3	1CP-4	1CP-5	1CP-5½
Length, ft	3	4	5	5½
Wt per pair, lbs	2	2½	4	5
Per Pair	$7 80	7 80	7 80	7 80

BOAT OARS

First quality, well finished white ash, with straight blade.

Length, ft	Wt per pair, lbs	Plain Ends. Nos.	Plain Ends. Per Pair	Copper Tipped. Nos.	Copper Tipped. Per Pair
6	5	6P	$7 05	6T	$7 95
6½	6	6½P	7 65	6½T	8 55
7	8	7P	8 25	7T	9 00
7½	9	7½P	9 00	7½T	9 90
8	10	8P	9 30	8T	10 50

Packed loose.

OAR LOCKS

Malleable iron, galvanized, with socket.

	Per Doz Pairs
No. D0—Width between horns 1½ ins; wt per pair about 1 lb	$ 7 95
No. D1—Width between horns 2 ins; wt per pair about 1¼ lb	9 45
No. D2—Width between horns 2¼ ins; wt per pair about 2¼ lbs	11 25

Packed loose.

	Per Doz Pairs
No. D5—Malleable iron; plain with side plate; width between horns 1½ ins	$16 95

Packed loose; wt per pair about 2¾ lbs.

North River Pattern.

	Per Doz Pairs
No. D10—Malleable iron, galvanized, with pins and sockets; width between horns 2 ins	$9 45

Packed loose; wt per pair about 1¼ lbs.

	Per Doz Pairs
No. D8—Galvanized malleable iron socket and plate; diam hole 2¼ ins	$11 25

Packed loose; wt per doz prs 16 lbs.

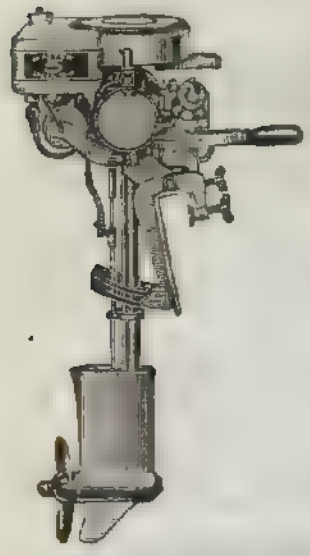
Attention catching, sales creating window displays are sure to draw customers into your store. Colorful displays can be made the year round with Sporting Goods for hunters, trappers, campers, motor tourists and sportsmen in general who are always looking for something new in the sporting goods line. Keep them well posted on these lines.

We carry in stock, complete lines of heavy woolen clothing, boots, slickers, sweaters, etc., for the Outdoor Man.

D 9

OUTBOARD MOTORS

CAILLE JUNIOR, 5 SPEED TWIN MODEL 12



2 Cylinder, 2 Cycle, 2 Port. 2¾ H. P. Motor, 200 to 2000 R. P. M. Displacement 12.56 Inches. 2 Inch Bore, 2 Inch Stroke.

Cylinders—Grey iron accurately ground.

Pistons—Grey iron.

Piston Rings—American Hammered. Three to each piston.

Crank Case—Special heat treated aluminum alloy. Bronze bearings pressed in.

Crank Shaft—¾ inch chrome nickel steel.

Main Bearings—2½ inches phosphor bronze.

Connecting Rods—Phosphor bronze.

Gasoline Tank—Pressed aluminum with 1 gallon capacity. Strainer in bottom.

Main Frame—Heat treated aluminum. Opening between clamps 2 inches. Equipped with theft proof lock clamp for fastening on boats.

Propeller—Bronze, nickel plated, with shifting blades, giving two speeds forward, two speeds reverse, and neutral starting.

Muffler—Extra large muffler silences motor to a minimum.

Drive Shaft Housing—Nickel plated brass tubing. Amply strong to withstand all thrust strain.

Drive Shaft Propeller Shaft—Stainless steel.

Gear Housing—Stream line. Heat treated aluminum alloy.

Gears—Chrome, nickel and Vanadium steel. Ratio, propeller 7/10 motor speed.

Cooling System—All bronze, plunger type.

Ignition—Bosch High Tension Magneto built into flywheel. Waterproof.

Carburetor—Caille Special Carburetor, with float and needle point adjustment. Combined throttle and choke lever.

Starting—Caille 5 Speed Motors are the only motors with neutral starting position.

Tilting—Motor is pivoted on main frame, permitting the propeller and shaft to tilt over submerged obstructions. Propeller can be tilted out of water for beaching boat.

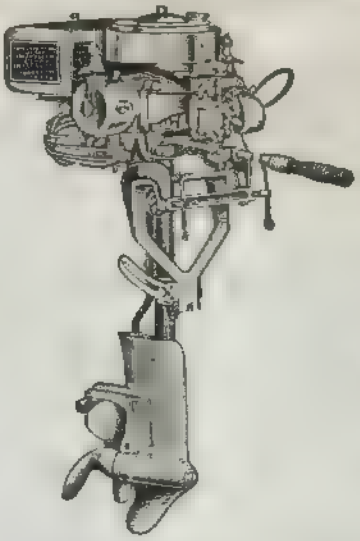
Adaptability—Can be readily attached to any square stern boat without any fittings whatever. For fresh or salt water.

	Each
No. M12—Wt each 45 lbs. *Crated.*	✣$434 70

✣F. O. B. Michigan Factory Only.

OUTBOARD MOTORS

CAILLE COMMODORE, MODEL 32



2 Cylinder, 2 Cycle, 3 Port, 12 H. P. Motor, 400 to 5000 R. P. M. Displacement 19.63 Cubic Inches. 2½ Inch Bore, 2 Inch Stroke.

Cylinders—Directly opposed. Grey iron accurately ground.

Pistons—Heat treated special alloy.

Piston Rings—Grover lock point, 3 to each piston.

Crank Case—Special heat treated aluminum alloy, bronze bearings pressed in.

Crank Shaft—¾ inch chrome nickel steel, ground finish.

Main Bearings—2½ inch phosphor bronze.

Connecting Rods—Forged from special alloy.

Gas Tank—Pressed aluminum with strainer in bottom. 2 gallon capacity.

Main Frame—Heat treated aluminum alloy. Opening between clamps 2 inches. Equipped with theft proof locking crank.

Propeller—Two blade semi-speed wheel for light boats, or three blade general utility wheel for heavy duty.

Drive Shaft Housing—Brass tubing nickel plated.

Drive Shaft Propeller Shaft—Stainless steel.

Gear Housing—Stream line. Heat treated special aluminum alloy.

Gears—Chrome nickel and Vanadium steel. Ratio, 7/12 motor speed.

Cooling System—Forced circulation of water by action of propeller.

Ignition—Bosch high tension magneto built into fly wheel. Waterproof.

Carburetor—Tillotson with complete throttle and choke controls.

Control—Throttle control on steering handle.

Starting—Combination of Bosch magneto and Tillotson carburetor.

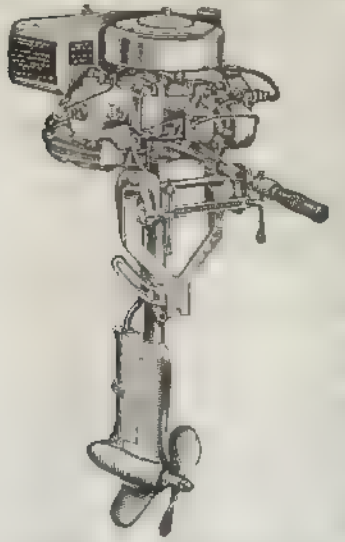
Tilting—Motor pivoted on main frame permitting propeller and shaft to tilt over submerged obstructions. Propeller can be tilted out of water for beaching boat.

Adaptability—Can be readily attached to any square stern boat without any fittings. For fresh or salt water.

	Each
No. M32—Wt each 65 lbs. *Crated.*	✣$513 00

✣F. O. B. Michigan Factory Only.

OUTBOARD MOTORS
CAILLE CHAMPION RACER, MODEL 34



2 Cylinder, 2 Cycle, 3 Port, 14 H. P. Motor, 4000 to 6000 R. P. M. Displacement 19.63 Cubic Inches. 2½ Inch Bore, 2 Inch Stroke.

Cylinders—Directly opposed. Grey iron accurately ground.

Pistons—Heat treated special alloy.

Piston Rings—Grover lock point, 3 to each piston.

Crank Case—Special heat treated aluminum alloy, bronze bearings pressed in.

Crank Shaft—¾ inch chrome nickel steel, ground finish.

Main Bearings—2½ inch phosphor bronze.

Connecting Rods—Forged from special alloy.

Gas Tank—Pressed aluminum with strainer in bottom. 2 gallon capacity.

Main Frame—Heat treated aluminum alloy. Opening between clamps 2 inches. Equipped with theft proof locking clamps.

Propeller—Two blade special speed, wheel mounted in front of housing eliminating cavitation.

Drive Shaft Housing—Nickel plated brass tubing.

Drive Shaft Propeller Shaft—Stainless steel.

Gear Housing—Stream line. Heat treated special aluminum alloy.

Gears—Chrome nickel and Vanadium steel. Ratio, propeller 7/12 motor speed.

Cooling System—Forced circulation of water by action of propeller.

Ignition—Bosch high tension built into fly wheel. Waterproof.

Carburetor—Tillotson with complete throttle and choke control.

Control—Throttle on steering handle.

Starting—Combination Bosch magneto and Tillotson carburetor.

Tilting—Motor pivoted on main frame permitting propeller and shaft to tilt over submerged obstructions. Propeller can be tilted out of water for beaching boat.

Adaptability—Can be readily attached to any square stern boat without any fittings. For fresh or salt water.

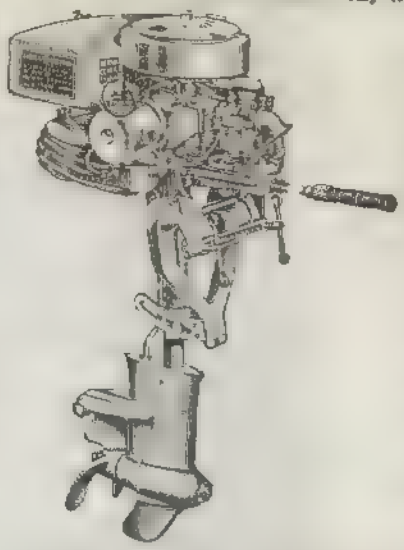
	Each
No. M34—Wt each 65 lbs.	+$532 95

Crated.

+F. O. B. Michigan Factory Only.

D 9

OUTBOARD MOTORS
CAILLE ADMIRAL, MODEL 42



2 Cylinder, 2 Cycle, 3 Port, 18 H. P. Motor, 400 to 4000 R. P. M. Displacement 29.6 Cubic Inches. 2¾ Inch Bore, 2½ Inch Stroke.

Cylinders—Directly opposed. Grey iron accurately ground.

Pistons—Heat treated special alloy.

Piston Rings—Grover lock point, 3 to each piston.

Crank Case—Heat treated aluminum alloy, bronze bearings pressed in.

Crank Shaft—1 inch case hardened steel forging.

Main Bearings—2½ inch phosphor bronze.

Connecting Rods—Forged from special alloy.

Gasoline Tank—Pressed aluminum with strainer in bottom. 2½ gallon capacity.

Main Frame—Heat treated aluminum alloy. Openings between clamps 2 inches. Equipped with theft proof locking clamp.

Propeller—One three blade general utility wheel.

Drive Shaft Housing—Nickel plated brass tubing.

Drive Shaft Propeller Shaft—Stainless steel.

Gear Housing—Streamline. Heat treated special aluminum alloy.

Gears—Chrome nickel and Vanadium steel. Ratio, propeller 7/9 to motor speed.

Cooling System—Forced circulation of water by action of propeller.

Ignition—Bosch high tension magneto built into fly wheel, water proof.

Carburetor—Tillotson with complete throttle and choke controls.

Control—Throttle on steering handle.

Starting—Combination of Bosch magneto and Tillotson carburetor.

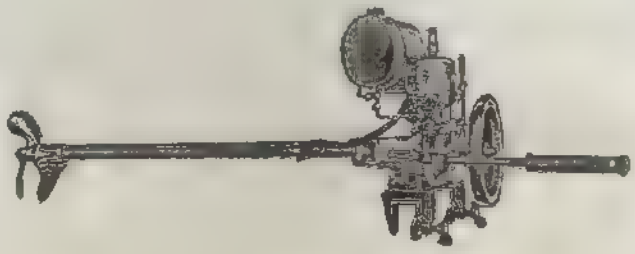
Tilting—Motor pivoted on main frame permitting propeller and shaft to tilt over submerged obstructions. Propeller can be tilted out of water for beaching.

Adaptability—Can be readily attached to any square stern boat without any fittings. Can be used in fresh or salt water.

	Each
No. M42—Wt each 95 lbs.	+$615 00

+F. O. B. Michigan Factory Only.

OUTBOARD MOTORS
CAILLE—LIBERTY DRIVE



Same high grade materials and workmanship as the famous Five-Speed Motor but it does not embody the five-speed feature nor has it a starter. This motor has made a big hit with sportsmen because of its ability to go through weeds. It pivots on the stern of the boat in both an up-and-down and sidewise movement. It rises over stones, sunken logs and other obstructions and enables one to motor in very shallow water.

Two horse power motor, has 2⅝ inch bore, 2½ inch stroke; 150 to 800 R. P. M. Lunkenheimer carburetor generator valve; equipped with either Bosch high tension magneto or battery ignition; capacity of gasoline tank 1 gallon, sufficient to run motor four hours under full load.

Will drive a boat 7 to 9 mile an hour, or the speed can be reduced to less than 2 miles an hour. One spark plug with each motor, any standard S. A. E. ⅝ inch plug may be used.

	Each
No. 1L0—With battery ignition	+$229 50
Salt Water Fittings Extra	+ 13 50

One in box; wt each 72 lbs.

+F. O. B. Michigan Factory Only.

Imported Dinnerware

From the Best Potteries of England, France, Bavaria and the Orient

PRICES AND DESCRIPTIONS ARE ON PAGE OPPOSITE

No effort has been spared to bring from the far corners of the earth, the best examples of Dinnerware made in those countries most famous for their porcelains. Each of the patterns offered below comes in four different standard assortments. Packing them in this uniform way, we have kept the price down. We do not break the packages. We do carry, however, an ample supply in open stock for replacements and additions. Prices of loose pieces on request.

ENGLISH BLUE WILLOW

The famous ware has found its way, from the potteries of England, all over the world. It is admired everywhere.

MAYFIELD

A touch of Spring prevails in conveyed by the skillful application of brilliant colorings with restrained art. English Dinnerware of excellent character.

MANCHESTER

Distinctly new and charming is this Dinnerware in its white Wedgewood design. The design you see on the cup is repeated in the center of each piece. English ware of surpassing quality.

DEL MONTE

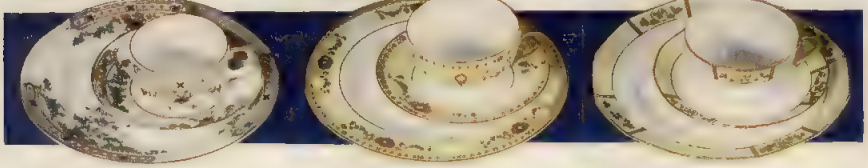
Very handsome design and graceful shape, decorated with a lavish display of beautiful but subdued coverings. The product of a famous English pottery.

MAPLE LEAF

Everyone admires this pattern. A faint suggestion of maple leaves in the glorious colors of Autumn covers each piece. Extremely fine Oriental porcelain.

ALHAMBRA

The unmistakable quality of the Orient combined with the rich designs of Europe is offered in this exquisitely decorated gift worthy fine quality Dinnerware.



GARLAND

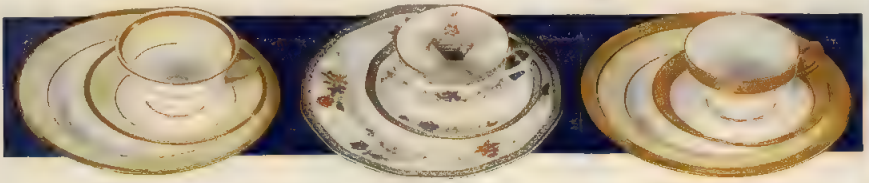
Truly representative of the best Bavarian porcelains. Note the exquisite pattern and the charming shape of the capacious cup.

PARSIFAL

Nothing has been spared to make this exquisite set of Bavarian china one of beauty and a joy forever. Richly lined with coin gold.

LA FLEUR—Haviland

Made by the famous Haviland Pottery of France. This is a studio set which means that each piece is hand painted. Coin gold is lavishly applied.



RHINE GOLD

Daily use will never dim the joy of seeing this handsome Bavarian china with its rich borders of pure coin gold. An exquisite pattern.

GANGA—Haviland

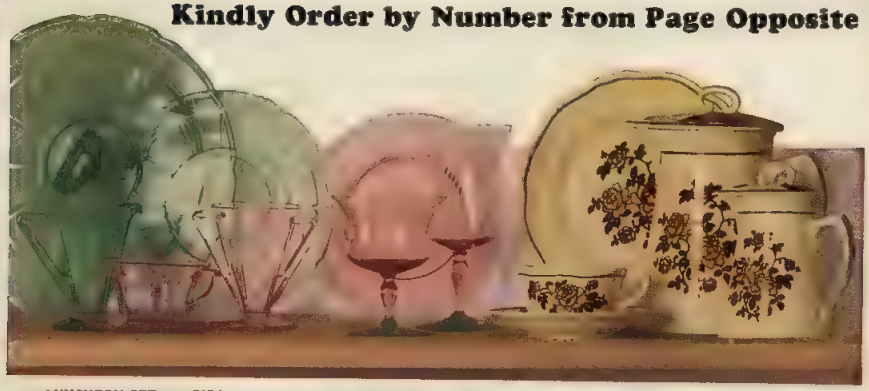
A rare example of the famous Haviland Pottery's product. Rich and ornamented in delicate tones. A masterpiece of French pottery.

MINTON—Gold Encrusted

The limit of luxury is offered here in this gold encrusted Bavarian china. Superlative quality. An adornment to the most richly laid table.

FOR DESCRIPTIONS AND PRICES OF THIS DINNERWARE—SEE PAGE OPPOSITE

Kindly Order by Number from Page Opposite



A **LUNCHEON SET—21 PIECES**
Set of 21 pieces; in your choice of either jade green or wild rose. Both colors shown above. A very attractive set and very low priced. See opposite page

B **18-PIECE STEMWARE SET**
NEW THISTLE PATTERN
Rose tinted with green base; very attractive, please order from page opposite Remarkably low in price

C **22-PIECE WAFFLE SET**
A cheery new breakfast set! Makes good waffles taste even better See description and price on page opposite. A rare gift for any home

D **ROSE MEDALLION**
Attractive dinnerware pattern at a new low price. Very best quality. Choice of 32, 50 or 100-piece sets. See page opposite.

E **MAYFAIR**
Very cheerful new pattern. New shape mold. Choice of 32 50 or 100-piece sets Please order from page opposite.

F **RIO GRANDE**
This glorious border design comes in your choice of 32 50 or 100-piece sets For numbers, prices and descriptions see page opposite

G **BEAUTY CROWN**
A favorite with those who love beautiful things. Handsome new border design. Your choice of 32, 50 or 100-piece sets, please see page opposite

H **ARLINGTON**
Fascinatingly beautiful, orchid and gold dinnerware sets in 32, 50 or 100-piece assortments. Very finest quality. For numbers, descriptions and prices see opposite page.

J **HAMPTON**
For elegance and beauty this 2-toned ivory dinnerware, with its coin gold borders will always reign supreme. Your choice of 32, 50 or 100-piece assortments Descriptions numbers and prices are on the page opposite

American Semi-Porcelain—Illustrated on Page Opposite

6 New Designs . . . 18 Sets of Dinnerware . . . Highest Quality Known

GLASS LUNCHEON SET—21 PIECES

A This tinted glass luncheon set comes in your choice of two colors, either delicate jade green or wild rose. Set consists of 6 luncheon plates, 6 cups, 6 saucers, one creamer, one sugar, one large sandwich tray with handle. Beautifully shaped and richly paneled. A beautiful set for so little money. Weight when packed 15 pounds.

9G57000 PRICE, Per Set, Jade Green **$9.15**
9G57001 PRICE Per Set, Wild Rose .. **9.15**

ROSE MEDALLION

D Finest quality American semi-porcelain, featuring the ivory body now used exclusively in the homes where Fash on rules. Attractive rose medallion design. Comes in three size assortments as listed. For contents of assortments see illustrations below.

9G57004 PRICE 32 piece set **$10.15**
9G57005 PRICE 50 piece set **20.30**
9G57006 PRICE 100 piece set **40.55**

BEAUTY CROWN

G This charming new pattern will add a touch of loveliness to the finest table. Made of best selected American semi-porcelain, richly shaped and gorgeously ornamented. Gold lining inside cup and border. Comes in 32, 50 or 100 piece sets as listed below. Illustrated in full color on page opposite.

9G57013 PRICE 32 piece set **$14.55**
9G57014 PRICE 50 piece set **29.15**
9G57015 PRICE 100 piece set **58.25**

18 PIECE STEMWARE SET

B For such a small sum there is nothing you can put on your table that will add more grace and charm. Sets consist of 6 sherbet glasses, 6 water goblets and 6 luncheon plates. Made in beautiful optic glass, Wild Rose tinted, thistle shape. The goblet and sherbet bases are jade green glass. Weight packed 10 pounds.

2G57002 PRICE Per Set **$12.00**

MAYFAIR

E Supreme quality American semi-porcelain of excellent selection in charming ivory body with the glorious spray design in refreshing spring colors. The set is made on a new form with beautifully shaped border. Comes in your choice of 32, 50 or 100 piece sets. For contents of sets, see illustrations below. For illustration of design in color, see page opposite.

9G57007 PRICE 32 piece set **$10.90**
9G57008 PRICE 50 piece set **21.85**
9G57009 PRICE 100 piece set **43.70**

ARLINGTON

H One of the loveliest patterns ever created here or abroad is now available at an amazingly low price. Quality is the best, first selection semi-porcelain. Gold border, gold lining on plate, also on cup handle and inside cup. In the border, orchid color predominates. Made in sets of 32, 50 and 100 pieces. The sets are described below. On page opposite is an illustration in full color.

9G57016 PRICE 32 piece set **$15.35**
9G57017 PRICE 50 piece set **30.70**
9G57018 PRICE 100 piece set **61.35**

22 PIECE WAFFLE SET

C A cheerful breakfast to start the day right, is assured to the clever hostess who owns this set. Consists of 6 cups, 6 saucers, 6 large plates, covered batter pitcher and covered syrup pitcher. Made in the glorious golden glow semi-porcelain with autumn rose pattern. Weight, packed, about 25 pounds.

9G57003 PRICE Per Set. **$12.50**

RIO GRANDE

F A most attractive new border design on a set of very highest quality American porcelain. The body is pale ivory toned, has burnished gold border and gold lining inside cup. Comes in 32, 50 or 100 piece sets as listed below. For illustration in colors see opposite page.

9G57010 PRICE 32 piece set **$11.95**
9G57011 PRICE 50 piece set **23.90**
9G57012 PRICE 100 piece set **47.85**

HAMPTON

J Very finest quality semi-porcelain obtainable, with burnished corn gold border, deep ivory panel on light ivory base. Gold inside lining on plate and cup. Cup has corn gold handle and the saucer is made to match. The very best that money can buy. Made in 32, 50 and 100 piece assortments as listed below. Illustration, in colors, on page opposite.

9G57019 PRICE 32 piece set **$18.70**
9G57020 PRICE 50 piece set. . . **37.45**
9G57021 PRICE 100 piece set. **74.90**

What These Sets Contain

The dinnerware offered here is made by the very finest potteries in America. We guarantee the highest dollar for dollar value offered anywhere on goods of equal quality. Selections are made with the greatest care. The illustrations on the page opposite are made by natural photographs and were not retouched, in any way. Shipment is made from Ohio potteries. The glassware is shipped from Maryland.

CONTENTS OF 32-PIECE SET

6 Cups
6 Saucers
6 Dinner plates
6 Bread and butter plates
6 Dessert dishes
1 Oval open vegetable dish
1 Meat platter, 11 ¼ in.

CONTENTS OF 50-PIECE SET

6 Cups
6 Saucers
6 Dinner plates
6 Salad plates
6 Bread and butter plates
6 Dessert dishes
6 Coupe soup plates
1 Creamer
1 Covered sugar
1 Oval open vegetable dish
1 Round utility bowl
1 Meat platter, 11 ¼ in.
1 Oval covered vegetable dish

CONTENTS OF 100-PIECE SET

12 Cups
12 Saucers
12 Dinner plates
12 Tea or salad plates
12 Bread and butter plates
12 Dessert dishes
12 Coupe soup plates
1 Creamer
1 Covered sugar
1 Sauce or gravy boat
1 Pickle or celery
1 Meat platter, 11 ¼ in.
1 Large meat platter, 14 ½ in.
1 Oval open vegetable
1 Round utility bowl
1 Round covered vegetable dish
1 Covered butter
1 Oval covered vegetable

HOW TO ORDER

On pages 322 and 323 are illustrated the most beautiful American made glassware and semi-porcelain.

We illustrate six patterns of dinnerware which are marked, D, E, F, G, H and J. The illustrations on the page opposite show you how beautiful they are. The descriptions above tell you what they cost. Please order by number.

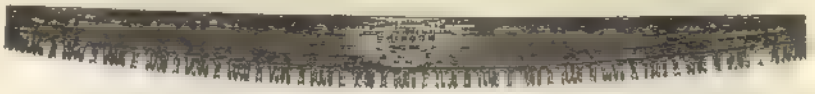
Send us your order in the regular way. Shipment will be made to you direct from the factory. Potteries are in Ohio, the glassworks in Maryland.

Shipping weights are about as follows:
32-piece set weighs about 27 lbs. packed.
50-piece set weighs about 53 lbs. packed.
100-piece set weighs about 95 lbs. packed.
The 100-piece set is always shipped most economically by freight. Specify freight or express when ordering.

CROSS-CUT SAWS

SIMONDS. CRESCENT GROUND

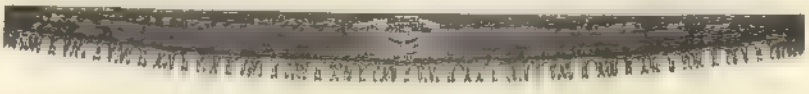
When a lumberman picks out a Cross-cut Saw he naturally chooses a Simonds. Throughout the continent they have clearly shown that they are the fastest and easiest cutting saws in the woods. They cut more timber, do it in less time, and with less labor. As a result of Simonds' Process of Crescent Grinding—teeth and rakers have clean, sharp edges; the teeth need be set only slightly, the kerf is less; the power required for pulling is less; there is less resistance, and therefore more cutting can be done with less work. All Simonds Cross-cuts are covered by the broadest guarantee as to quality and workmanship.



Chinook. Bucking Pattern.
13 Gauge on Teeth, 17 Gauge on Back.

A general utility medium price saw. Used extensively on construction work.

No. 520. Length, ft.	5	5½	6	6½	7	7½	8
Wt. each, lbs.	6	7	8¼	8¾	9¾	10½	11
Each	$6 50	7 20	8 10	9 15	10 20	11 25	12 25



Royal Chinook. Bucking Pattern.
13 Gauge on Teeth. 17 Gauge on Back.

Especially adapted to coast timber such as fir, spruce or hemlock.

No. 503. Length, ft.	6	6½	7	7½	8
Wt. each, lbs.	8	8¾	9½	11	12
Each	$11 00	12 25	13 75	15 10	17 60

Royal Chinook. Falling Pattern.
13 Gauge on Teeth, 17 Gauge on Back.

Used in coast timber; also suitable and used extensively in pine timber for both falling and bucking.

No. 513. Length, ft.	6	6½	7	7½	8	8½	9
Wt. each, lbs.	6½	7	7½	8	9	9½	11
Each	$11 00	12 25	13 75	15 10	17 60	18 25	19 90

Radial. Crescent Ground. Combined Falling and Bucking.
Under 6 Ft., 15 Gauge on Teeth, 19 Gauge on Back; 6 Ft. and over, 14 Gauge on Teeth, 18 Gauge on Back.

Especially designed for use in pine timber, either for bucking or falling.

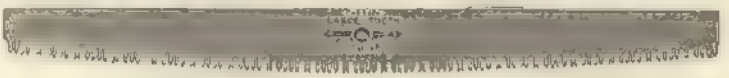
No. 541. Length, ft.	5	5½	6	6½	7
Wt. each, lbs.	6	7	8	9	10
Each	$6 15	7 00	8 20	9 50	10 75

Bucking Pattern Cross Cut Saws are used for sawing fallen or down timber.
Falling Pattern Cross Cut Saws are used for felling standing timber.

CROSS-CUT SAWS

ATKINS

E. C. Atkins & Company's No. 51 Cross Cut and No. 52 Falling Saws are made of the highest quality of saw steel under their celebrated Silver Steel trade-mark. These blades are ground on the segment of a circle, the backs are rounded off and all gullets are cleaned out, lengthwise, and polished the same as the side of the blade. Every saw is given a Damascene finish, insuring absolute perfection in true grinding. They are given a special heat treatment insuring uniformity of temper, so they will maintain a fast cutting edge, yet easily filed and set. The rakers are toughened so a good heavy chisel bit swage can be carried, which will place out gnarled knotty, cross-grained wood as true and easily as straight-grained timber. We are proud to recommend these saws, and they are fully guaranteed to give absolute satisfaction in every respect.



Bucking Pattern.

Lance Tooth. Not Perforated.

Special Steel. 14 Gauge on Teeth, 18 Gauge on Back.

No. 361. Length, ft.	5	5½	6	6½	7
Wt. each, lbs.	5¼	5½	7¼	8	10
Each	$4 85	5 40	5 90	6 35	6 85

Bucking Pattern.

Silver Steel. 13 Gauge on Teeth, 17 Gauge on Back.

No. 51. Length, ft.	6	6½	7	7½	8
Wt. each, lbs.	8¼	8¾	9¾	11½	12¼
Each	$11 00	12 35	13 75	15 10	16 60

Bucking Pattern.

Special Steel. 13 Gauge on Teeth, 17 Gauge on Back.

No. 251. Length, ft.	6	6½	7	7½	8
Wt. each, lbs.	8¼	8¾	9¾	11½	12¼
Each	$7 40	8 40	9 30	10 25	11 20

Falling Pattern.

Silver Steel. 13 Gauge on Teeth, 17 Gauge on Back.

No. 52. Length, ft.	6	6½	7	7½	8
Wt. each, lbs.	7¼	8	10	11¼	12½
Each	$11 00	12 35	13 75	15 10	16 60

Falling Pattern.

Special Steel. 13 Gauge on Teeth, 17 Gauge on Back.

No. 252. Length, ft.	6	6½	7	7½	8
Wt. each, lbs.	7¼	8	10	11¼	12½
Each	$7 40	8 40	9 30	10 25	11 20

Bucking Pattern Cross Cut Saws are used for sawing fallen or down timber.
Falling Pattern Cross Cut Saws are used for felling standing timber.

DRAG SAWS

ATKINS OR SIMONDS

For Gasoline Drag Saw Machines.

8 Inches Wide at Butt, 6 Inches Wide at Point. Two Lance Teeth, and One Raker Tooth.

10 Gauge on Teeth, 10 Gauge on Back. Lengths, 4½, 5, 5½, 6, 6½ and 7 feet.. ..... **Foot $2 04**

10 Gauge on Teeth, 12 Gauge on Back. Lengths, 4½, 5, 5½, 6, 6½ and 7 feet.. ..... Foot 2 25

Average weight on board ready for shipment, 3 lbs. per foot.

In ordering specify gauge on back and length of saw and make of machine for which saw is wanted.

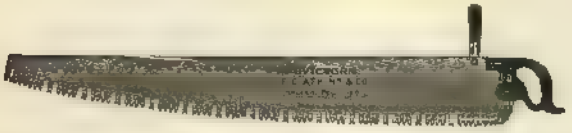
ONE MAN SAWS

SIMONDS

Perforated Lance.

No. 222. Length, ft....	3	3½	4	4½	5	5½
Wt. each, lbs.	3¼	4	5	6	7	8
Each. $3 08	3 58	4 10	4 65	5 00	5 85	

ATKINS



No. 392. Length, ft...	3	3½	4	4½	5	5½
Wt. each, lbs.	3¼	4⅛	5½	6⅛	7¼	8½
Each $3 20	3 70	4 20	4 80	5 30	5 80	

NORTHWEST

Not Warranted.

Lance Tooth—Not Perforated.

No. 888. Length, ft.	3	3½	4	4½	5
Wt. each, lbs.	3½	4⅛	5½	6⅛	7¼
Each $2 80	3 35	3 85	4 30	4 80	

HANDLES

CROSS CUT SAW

Simonds. Reversible guard. Wt. doz., 16 lbs....Dozen 12 00

HANDLES

CROSS CUT SAW

No. 4 Atkins. Very popular pattern. Hardwood handle, 14 inches long; machine made steel bolt; extra heavy wing nut; metal parts all malleable iron, japanned red; not reversible. Wt. doz., 20 lbs.....Dozen $10 00

ONE-MAN SAW

One Man. Wt. doz., 8 lbs. .....Dozen $5 00

Supplementary. For one man saw. Wt. doz., 4 lbs. .....Dozen $3 00

WOOD OR BUCK SAW BLADES

V Tooth.

No. 400. Breasted, bright; 2 in. wide, 30 in. long; set and sharpened. Wt. doz., 6½ lbs.....Dozen $7 50

Champion Tooth.

No. 500. Straight, bright; 2 in. wide, 30 in. long; set and sharpened. Wt. doz., 7 lbs. .....Dozen $8 50

D 6

LANTERNS
—BLUE GRASS—

Cold Blast.

IX bright charcoal tin; No. 2 cold blast steel burner; 1 inch wick; short globe; side lift; large brass filler cap; positive standing bail; extra large fount.

Per Doz

No. BG22L—Diam base 8 ins; height over all with bail down 14¾ ins; 10 gauge steel wire bail; oil capacity 2 pts; will burn 48 hours $41 25

(Sold in full case lots only.)

Half doz in carton; wt per doz 40 lbs.

Cold Blast.

IX bright charcoal tin; No. 2 cold blast steel burner; 1 inch wick; short globe; side lift; large filler cap; positive standing bail.

Diameter base 7 inches; height over all with bail down 14¼ inches; 10 gauge steel wire bail; oil capacity 1½ pints; will burn 35 hours.

Per Doz

No. BG22—IX bright charcoal tin fount; wt per doz 38 lbs $37 80

(Sold in full carton lots only.)

Half doz in carton.

Brass Fount.

No.	BG32
Less than case lots, Per Doz	$51 75
Full cases, Per Doz	48 00

Half doz in carton; wt per doz 37 lbs.

Cold Blast.

IX bright charcoal tin, No. 1 cold blast steel burner; ⅝ inch wick; Little Wizard globe; standing steel wire bail; side lift; large oil fount and oil filler, patented top and fluted globe plate. Diameter base 6¼ inches; height with bail down 12½ inches; oil capacity 1 pint, will burn 21 hours. With clear globes.

No.	BG12
Less than case lots, Per Doz	$24 00
Full cases, Per Doz	22 50

Half doz in carton; wt per doz 26 lbs.

Same as No. BG12 except with Brass Fount.

Per Doz

No. BG12½B $46 50

Half doz in carton; wt per doz 26 lbs.

Same as No. BG12 except with Ruby Globe.

No.	BG12R½
Less than case lots, Per Doz	$30 75
Full cases, Per Doz	29 25

Half doz in carton; wt per doz 26 lbs.

Cold Blast.

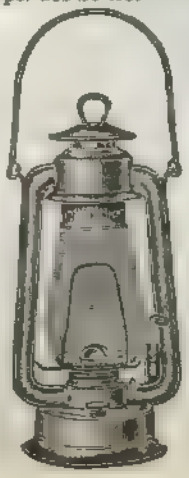
IX bright charcoal tin; No. 2 cold blast steel burner; 1 inch wick; side lift; large filler cap; positive standing bail.

Per Doz

No. BG2CB—Diam base 6¼ ins; height over all with bail down 16 ins; 10 gauge steel wire bail; oil capacity 1¼ pts; will burn 30 hours $37 80

(Sold in full case lots only.)

Half doz in carton; wt per doz 40 lbs.



LANTERNS
—BLUE GRASS—

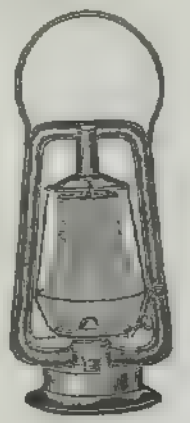
Dash, Cold Blast.

IX charcoal tin, enameled red. No. 2 cold blast steel burner; 1 inch wick; side lift; large filler cap; positive standing bail; dash attachment, polished tin reflector.

Diameter base 6¼ ins; height over all with bail down 15 ins; 10 gauge steel wire bail; oil capacity 1¼ pts; will burn 30 hours.

No.	BG2D
Less than case lots, Per Doz	$51 75
Full case lots, Per Doz	49 50

Half doz in carton; wt per doz 50 lbs.



Tubular.

Bright charcoal tin. No. 1 steel burner; ⅝ inch wick; side lift; large filler cap.

Diameter base 6¼ ins; height over all with bail down 13¼ ins; 10 gauge wire bail; oil capacity 1 pt; will burn 20 to 25 hours.

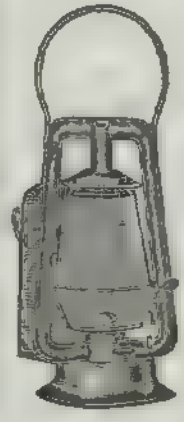
Per Doz

No. BG0½—Half doz in case $22 95

No. BG0-1—One doz in case 22 05

(Sold in full case lots only.)

Wt per doz 30 lbs.



Dash, Tubular.

IX tin, enameled red. No. 1 steel burner; ⅝ inch wick; side lift; large filler cap; plain globe; polished tin reflector.

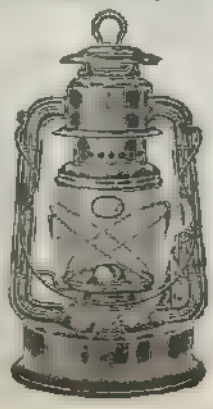
Diameter base 6¼ ins; height over all with bail down 13¼ ins; 10 gauge wire bail; oil capacity 1 pt; will burn 25 hours.

No.	BG0D
Less than case lots, Per Doz	$37 80
Full case lots, Per Doz	36 00

Half doz in carton; wt per doz 35 lbs.

DIETZ
D. Lite.

The short globe type of lanterns with the exposed wick directly accessible for cleaning, trimming and lighting. They can be filled, lighted and regulated without removing globe. Dome shaped solderless oil founts; heavy gauge cross wire globe guards; polished steel bail hooked into patent brass eyelets.



Large Fount.

Bright tin finish; No. 2 Dietz special burner; 1 inch wick; side lift; upright bail.

Special features of this lantern are the extra large fount and the patented "Loc-Nob" globe. The globe actually locks fast, and will not drop out when globe holder is tipped back.

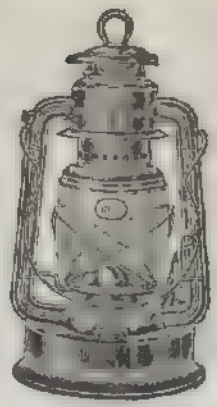
Per Doz

No. 2DDL—Height over all with bail down 13½ ins; oil fount capacity 2 pts; 10 candle power $47 25

(Sold in full carton lots only.)

Half doz in carton; wt per doz 42 lbs.

LANTERNS



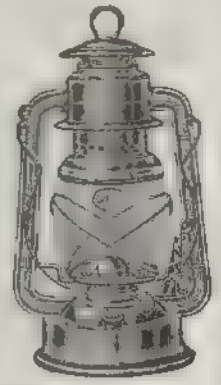
DIETZ—D. Lite.

Bright tin finish; No. 2 Dietz special burner; 1 inch wick; side lift; large filler cap.

	Per Doz
No. 2DD—Height with bail down 13¾ ins; diam base 6½ ins; oil capacity 1⁷/₁₆ pts; will burn from 20 to 25 hours	$43 50

(Sold in full carton lots only.)

Half doz in carton; wt per doz 37 lbs.



DIETZ

Little Wizard, Cold Blast.

Bright tin finish; No. 1 Dietz special burner; inch wick; side lift; large filler cap.

Height with bail down 11½ inches; diameter base 4½ inches; oil capacity 1 pint; will burn 18 to 22 hours.

No.	1DWJ
Less than carton, Per Doz	$27 00
Full carton, Per Doz	25 50

One doz in carton; wt per doz 24 lbs.

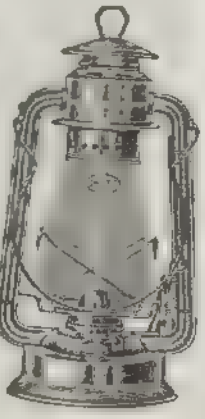
DIETZ

Little Giant, Cold Blast.

Bright tin finish; terne plate rust resisting bottoms; No. 201 Dietz steel burner, ⅝ inch wick; side lift; large filler cap. Wide base; height with bail down 11½ inches; diameter base 7¾ inches; oil capacity 2 pints; will burn 70 hours.

No.	LGW
Less than carton, Per Doz	$34 80
Full cartons, Per Doz	33 00

One doz in carton; wt per doz 28 lbs



DIETZ

Blizzard, Cold Blast.

Heavily retinned No. 2 Dietz special burner; 1 inch wick; brass wick slide; steel burner cone, inside lift; 9 gauge wire bail, large filler cap.

	Per Doz
No. 2DB—Height with bail down 15¾ ins; diam base 6¾ ins; oil capacity 1⁷/₁₆ pts; will burn from 20 to 25 hours	$43 50

(Sold in full carton lots only.)

Half doz in carton; wt per doz 40 lbs.

DIETZ

Monarch, Tubular.

Bright tin finish; No. 1 Dietz special burner, ⅝ inch wick, brass wick slide; steel burner cone heavily retinned. Inside lift; 9 gauge steel wire bail.

	Per Doz
No. 0DM—Height with bail down 12½ ins; diam base 5¼ ins; oil capacity 1 pt; will burn 20 to 25 hours	$27 00

(Sold in full carton lots only.)

One doz in carton; wt per doz 28 lbs.

LANTERNS

DIETZ

Dietz Junior Side, Cold Blast.

Japanned black; bright tin corrugated reflector; bull's eye lens; the lens is not part of the globe but is separate and held in focus by heavy wire.

Provided with fastener for use on left side of vehicle. Lights the road ahead, shines a red light through ruby lens in rear.

No. 1 Dietz special burner; ⅝ inch wick, brass wick slide; steel burner cone; heavily retinned; inside lift; 9 gauge steel wire bail.

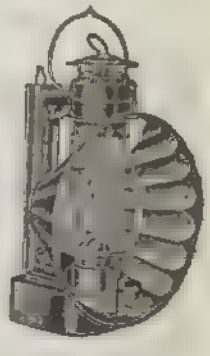
Height with bail down 12 inches; diameter base 5 inches. Oil capacity ⅞ pint; will burn from 13 to 15 hours.

No.	1DSD
Less than carton lots, Per Doz	$54 75
Full carton, Per Doz	51 75

Half doz in carton; wt per doz 42 lbs.

DIETZ, No. 30 BEACON LIGHT

Cold Blast.



Painted green, with 12 inch white reflector, fitted with blizzard patent steel burner; 1 inch wick. Full weight selected globe; heavy wire bail. Height 16 inches.

Oil capacity 41 ozs; will burn 35 hours.

	Per Doz
No. 30—Wt per doz, 100 lbs	$117 00

Quarter doz in carton.

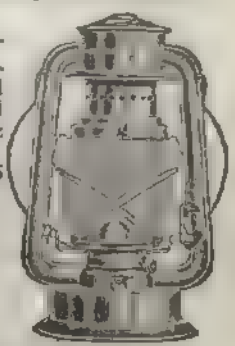
DIETZ, SCOUT

Tin; bright finish; practical and will burn steadily in wind and storm. Reflected light by test 1 candle power; ⅝ inch wick; Dietz burner No. 561.

	Per Doz
No. DSL—Height 7¾ ins; will burn 10 hours	$18 90

One doz in carton; wt per doz 11 lbs.

PAULL'S Short Globe, Cold Blast.



Green enamel, No. 2 Cold Blast burner; 1 inch wick; brass wick slide steel burner cone; inside lift; 9 gauge steel wire bail.

	Per Doz
No. 220PCB—Height with bail down 13½ ins; oil capacity 1¾ pts; will burn from 20 to 25 hours	$33 75

Half doz in carton; wt per doz 32 lbs.

(Sold only in full case lots).

PAULL'S

Leader, Cold Blast. Little Ezy Lit.

Red enamel, No. O Cold Blast burner; ⅝ inch wick, brass wick slide, steel burner cone, standard small size short globe; inside lift; 11 gauge steel wire bail.

	Per Doz
No. 230—Height with bail down 11½ ins; oil capacity ⅞ pt; will burn from 20 to 25 hours	$23 25

Half doz in carton; wt per doz 20 lbs.

(Sold only in full case lots.)

LANTERNS

PAULL'S, Tubular.

Red enamel, No. 1 burner, ⅝ inch wick, brass wick slide, steel burner cone; inside lift; 10 gauge steel wire bail.

Height with bail down 14 inches; diameter of base 7¼ inches. Oil capacity 1¾ pints; will burn from 20 to 25 hours.

Regal With No. OW Clear Globe.

	Per Doz
No. 0 1 doz in carton	$21 00

With Fire Stained Red Globe.

Burnt in fire stained red, not to be confused with the ordinary and unsatisfactory dipped red stain.

	Per Doz
No. OR 1 doz in carton	$22 95
No. OR½—½ doz in carton	24 45

(Sold only in full case lots.)

Wt per doz 30 lbs.

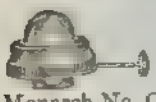
LANTERN BURNERS

—BLUE GRASS—

Locked in tinned steel burner with rising cone.

	Per Doz
No. BG0 T—For Blue Grass lanterns Nos. BGO, BG11 and LGD takes No. 1, ⅝ in wick	$2 52
No. BG2C—For Blue Grass lanterns Nos. BG22L, BG22, and BG22CB takes No. 2, 1 in wick	3 60

One doz in cardboard box; fifty doz in case; wt doz 1⅛ lb.



Steel tinned winged lock cone.

Fits the following lanterns Little Wizzard No. 1DWJ, Junior Cold Blast No. LGW, Little Giant, No. 508, Junior Side Blast No. 1DSD, Monarch No. ODM and Buckeye Dash No. ODD.

	Per Doz
No. 201—Takes No. 1⅝ in wick	$2 52

One doz in carton; wt per doz 1¼ lbs

Steel tinned winged lock cone. Fits the following Lanterns: D.Lite No. 2 DD, D. Lite No. 2 DDL, Blizzard Cold Blast No. 2 DB and Beacon Light No. 30.

	Per Doz
No. 262—Takes No. 2, 1 in. wick	$3 75

One doz in carton; wt per doz 2 lbs.

TUBULAR

For kerosene lanterns; made of steel, removable cone, taper collar.

	Per Doz
No. 1T—Takes No. 1, ⅝ in. wick	$1 89
No. 2T—Takes No. 2, 1 in. wick	2 52

One doz in cardboard box; fifty doz in wood case; wt per doz about ½ lb.

LANTERN GLOBES

SHORT GLOBE

Fits all No. 2 Short Globe lanterns.

Height 4⅝ inches; diameter base 3⅞ inches; diameter top 4⅛ inches.

	Clear.		Ruby.
Nos.	**2NSG1**	**2NSG5**	**2RNSG1**
Doz in carton	1	5	1
Wt per carton, lbs	10	46	10
Per Carton	$3 60	15 00	9 75

(Sold in full case lots only).

LANTERN GLOBES

For Dietz Little Wizard Lantern.

Height 3⅝ inches; diameter base 2¾ inches; diameter top 3¼ inches.

	Per Case
No. WJ-1 Clear	$3 60
No. 1WJR-1—Genuine ruby	9 00

(Sold in full case lots only.)

One doz in carton; wt per doz 4 lbs.

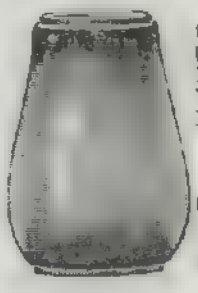
RIVAL—Clear.

For No. BGII Lantern.

	Per Case
No. 11-1—Height 4½ ins; diam base 2⅝ ins; diam top 3¼ ins; wt per doz 8 lbs	$3 60

(Sold in full case lots only).

One doz in carton.



COLD BLAST

Height 6¾ ins; diam base 3½ ins, diam top 2⅝ ins

Clear.

Nos.	**2WCB1**	**2WCB5**
Doz in case	1	5
Wt per case, lbs	12	54
Per Case	$3 60	15 00

(Sold in full case lots only).

GENUINE RUBY

Firsts.

Nos.	**2RCB1**
Doz in case	1
Wt per case, lbs	12
Per Case	$9 00

(Sold in full case lots only.)

Seconds.

	Per Doz
No. 2R-2—4½ doz in bbl; wt per doz 4½ lbs	$5 70

(Sold in full barrel lots only).

JUNIOR COLD BLAST

	Per Case
No. 1GW1 Fits Dietz Junior, Pony, Gem and U. S. Tubular; height 6½ ins; diam base 2⅝ ins; diam top 2⅛ ins; wt per doz 8 lbs.	$3 60

(Sold in full case lots only).

One doz in carton.

TUBULAR

Height 6¾ inches; diameter base 3⅜ inches; diameter top 2¹⁵⁄₁₆ inches.

Clear.

Nos.	**0W1**	**0W5**
Doz in case	1	5
Wt per case, lbs	11	50
Per Case	$3 60	15 00

(Sold in full case lots only).

Genuine Ruby.

No.	**0R1**
Doz in case	1
Wt per case, lbs	11
Per Case	$9 00

(Sold in full case lots only).

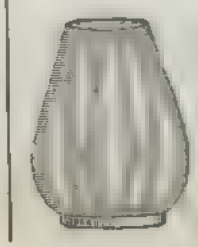
TUBULAR, Ruby. SECONDS

Genuine ruby, but not uniformly colored and are listed as seconds. They are ideal for road and construction work. Height 6¾ inches; diameter base 3⅜ inches; top 2¹⁵⁄₁₆ inches.

	Per Doz
No. 0R0-2—4-4½ and 5 doz in bbl; wt per doz 12 lbs	$6 70

(Sold in full barrel lots only).

RAILROAD



Height 5½ ins; diam base 3¼ ins; diam top 2½ ins; wt per doz 12 lbs.

	Per Case
No. 39W1—Clear	$4 50
Genuine Ruby.	
No.	**39R1**
Less than case lots, Per case	$9 75
Case lots, Per case	9 00

Will break case in railroad ruby only.

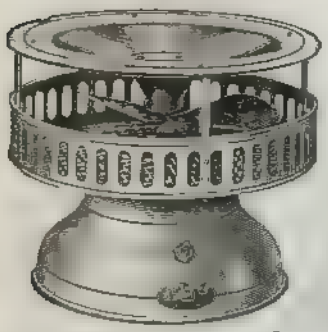
(Sold in full case lots only).

One doz in case.

D 5

ELECTRIC FANS

CIRCULAIR, NEW TYPE



USES—For cooling and circulating air in homes, offices, banks, hospitals, restaurants, beauty parlors, undertaking establishments.

SPECIAL FEATURES—No direct draft, indirect circulation of air cools but does not chill, circulates air in four ways. Does not simply agitate air at a certain level, but draws new air from below to replace stale air. May be placed on the desk, will not blow papers from desk or table. Top of shield made to hold ash tray, flower holder or humidifier. Circulates over 360 degrees.

MATERIAL—Steel motor housing. Sheet steel frame, shield and base with rubber feet. Four polished brass blades. Two speed Universal type ball thrust bearing, vertical motor. Nickel plated toggle switch in base. Complete with 8½ feet of cord with separable attachment plug.

FINISH—Ivory Duco enameled finish, black line decorations.

R. P. M. 1200 to 2000. CURRENT—A. C. or D. C.

CYCLE—25-60.

VOLTAGE—110.

Nos.	Desk Size DF6-I	Table Size TH F9-I
Diam fan, ins	6	9
Diam over all, ins	7¼	10
Height over all, ins	6½	8½
Wt each, lbs	6½	8
Each	32 34	60 01
One in carton.	*$17 06*	*$3 00*

ASH TRAYS

For Use With Circulair Electric Fans.		Each
No. AT—Satin lacquer finish sheet steel	1 89	*$1 00*

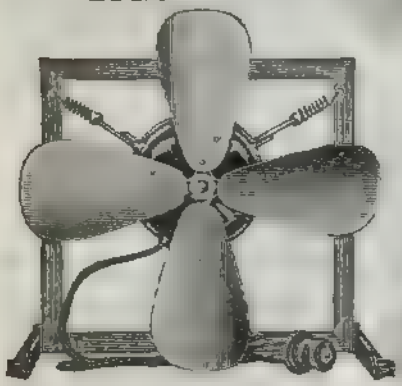
FLOWER HOLDERS

For Use With Circulair Electric Fans.		Each
No. FH—Satin lacquer finish sheet steel	1 89	*$1 00*

Packed loose; wt each ¼ lb.

ELECTRIC FURNACE FANS

WAGNER



USES—For installation inside of cold air intake, forces large volumes of heated air into and through furnace into every room of the house.

SPECIAL FEATURES—Single speed, induction type motor without brushes or commutators.

This type motor eliminates the necessity of replacement of brushes.

Noiseless, vibrationless, cool running, mounted on spring suspensions that absorb any vibration or oscillation set up by the fan blades. Rubber cushion feet on base of frame affords a secure grip for outfit on air duct floor.

MATERIAL—Drawn steel motor housing. Four steel blades. Welded angle iron frame and base. 27 inches of wire for making connections.

FINISH—Black lacquered motor housing and frame.

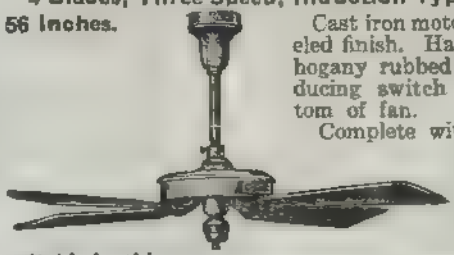
CURRENT—For A. C. 100 to 115 volts. 60 cycle.

Nos.	Small Houses or Flats FF12	Large Houses or Flats FF16
Diam, ins	12	16
Width frame, ins	12	17
Height frame, ins	13	16⅝
Wt each, lbs	24	33
Each	67 50	74 25
One in wood box.	*$30 00*	*$3 00*

ELECTRIC CEILING FANS

—BLUE GRASS—

4 Blades, Three Speed, Induction Type Motor. Width 56 Inches.



Cast iron motor case, black enameled finish. Hardwood blades, mahogany rubbed finish. Speed reducing switch mounting on bottom of fan.

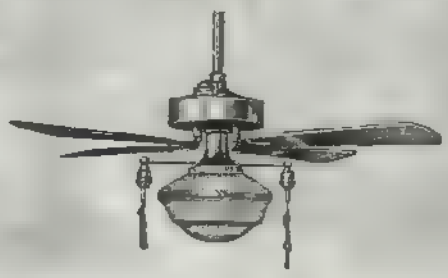
Complete with canopy, hanger and hooks. This type fan is furnished without hanger rod. ¾ inch black iron conduit is suitable for this purpose.

110 Volts, 60 Cycles, Operates on Alternating Current.

No.	BG-C-56-110AC
1 to 2, Each	96 [illegible]
3 to 24, Each	91 20
25 or more, Each	86 40
One in box; wt each 75 lbs.	*$48 00*

—BLUE GRASS—

4 Blades, Three Speed, Induction Type Motor. Width 56 Inches.



(Illustration of No. BG-C-56-110ACG)

USES—For moving large volumes of air and maintaining a live stimulating atmosphere in large public rooms, halls, auditoriums, theatres, hotels, ball rooms, restaurants, stores, shops, offices, factories, etc.

FEATURES—Four imitation mahogany finish hardwood blades, adjustable for up or down draft, dull black finish motor housing and brackets, A.C. three speed switch control and choke coil, ceiling hook, insulated hanger with canopy for attaching glassware, two pull chain keyless switches, one for operating current to fan and the other for operating illuminating unit.

MATERIAL—Induction type motor without brushes or moving contacts. Field or stator wound with enameled cotton covered wire on steel laminations. Single main vertical bearings with large coil grooves permitting an adequate and continuous flow of oil to be distributed over rotor shaft when fan is in operation. Ball bearings held in retainers running between two hardened steel plates, support the weight of rotor. Because of its unusual inaccessibility, being hung from ceiling, exceptional large oil reservoirs are provided in motor so that oiling is necessary only once a season. Approximate speeds high 225, medium 200, low 180. Cubic feet of air moved per minute in high speed 9000.

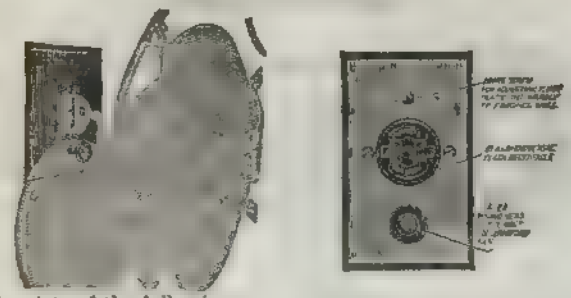
60 Cycle, Alternating Current. 110 Volts. 150 Watts.

Nos.	Without Glassware BG-C-56-110ACL	With Glassware BG-C-56-110ACG
1 to 2, Each	109 02	112 50
3 to 24, Each	103 59	106 89
25 or more, Each	98 10	101 25
	$54 50	*56 25*

One in carton; wt each 55 lbs.

D 6

FAN HANGERS

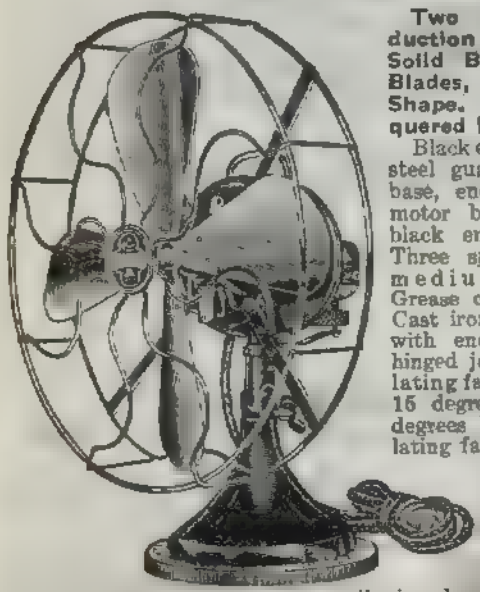


Consists of the following:
1—Brush brass finish, beveled edge flush plate 2¾x4½ inches.
1—Galvanized steel adjustable supporting part.
1—10 ampere T slot composition receptacle with screws.
1—¼-20 round head steel bolt for supporting fan.
1—6-32 oval head brass screw for adjusting flush plate outwardly to finished wall.
2—6-32 flat head brass receptacle screws.
1—Brass washer and necessary screws for attaching.

	Each
No. FHSB—Wt each ¼ lb.	+$5 85

One in cardboard box.

ELECTRIC FANS
—BLUE GRASS—



Two Bearings, Induction Type Motor. Solid Brass Standard Blades, Pitch and Shape. Polished Lacquered Finish.

Black enameled welded steel guards; cast iron base, end brackets and motor body, polished black enameled finish. Three speeds, off, slow, medium and high. Grease cup lubrication. Cast iron oscillator case with end brackets and hinged joint; non-oscillating fan can be tilted 15 degrees forward, 90 degrees backward; oscillating fan can be tilted about 20 degrees forward or backward in desk position or 20 degrees forward in bracket position with set screw to prevent slipping beyond this angle. Arc of oscillation 90 degrees as shipped, easily changed to any desired number of degrees less than 90. Complete with 10 feet of cord and separable attachment plug.

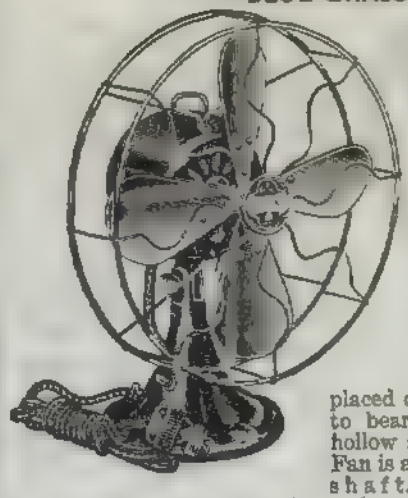
100 to 125 Volts, 60 Cycles, Operated On Alternating Current.

	Oscillating		Rigid
Nos.	**BGO-12-110AC**	**BGO-16-110AC**	**BGR-12-110AC**
Diam ins	12	16	12
Speeds	3	3	1
Watts, High Speed	48	85	52
R. P. M. High Speed	1450	1500	1500
Wt each, lbs	42	46	40
1 to 2, Each	60 00	70 02	46 02
3 to 24, Each	57 00	66 54	43 74
25 or more, Each	54 00	63 00	41 40
List Price, Each	*$80 00*	*$5 00*	*23 00*

One in wood box.

+F. O. B. Missouri Factory Only.

ELECTRIC FANS
—BLUE GRASS—



Blades Solid Brass Standard Pitch and Shape. Polished and Lacquered Finish.

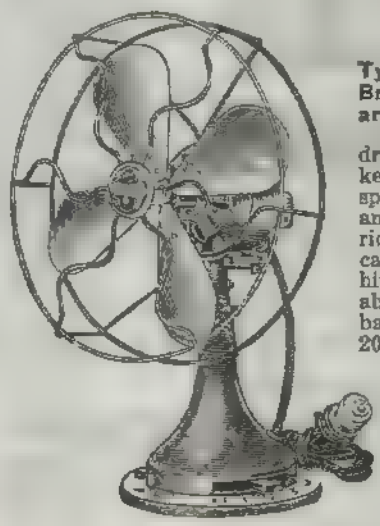
Black enameled welded steel guards; cast iron base and bracket, polished black enameled finish. One bearing, induction type single speed motor. Lubrication by means of cup into which a drop of machine oil should be placed occasionally. Attached to bearing is shaft on which hollow shaft or rotor revolves. Fan is attached to hollow rotor shaft. Non-oscillating fan can be tilted 15 degrees forward and 90 degrees backward. Separable attachment plug.

NON-OSCILLATING

100 to 125 Volts, 60 Cycles, Operated on Alternating Current.

	8 Ft of Cord.	10 Ft of Cord.
Nos.	**BGR-9-110AC**	**BGR-10-110AC**
Diam, ins	9	10
Watts, High Speed	38	45
R. P. M High Speed	1500	1600
Wt each, lbs	12	22
1 to 2, Each	20 10	24 00
3 to 24, Each	19 05	22 80
25 or more, Each	18 00	21 60
List Price, Each	*$10 00*	*12 0(*

—BLUE GRASS—



Two Bearing, Induction Type Motor. Blades Solid Brass, Standard Pitch and Shape.

Welded steel guards; drawn steel base, end braokets and motor body. Three speeds, off slow, medium and high. Grease cup lubrication. Cast iron oscillator case with end brackets and hinged joint. Can be tilted about 20 degrees forward or backward in desk position or 20 degrees forward in bracket position with set screw to prevent slipping beyond this angle. Arc of oscillation 90 degrees as shipped, easily changed to any desired number of degrees less than 90. Complete with 10 feet of cord and separable attachment plug.

OSCILLATING

100 to 125 Volts, 60 Cycles, Operates on Alternating Current.

	Ivory Enameled Finish	Black Enameled Finish
Nos.	**BGO-10-110ACI**	**BGO-10-110AC**
Diam, ins	10	10
Watts High speed	45	45
R. P. M	1500	1500
1 to 2, Each	37 05	33 00
3 to 24, Each	35 25	31 35
25 or more, Each	33 30	29 70
List Price, Each	*$18 50*	*16 50*

One in carton; wt each 8¾ lbs.

ELECTRIC FANS

—BLUE RIBBON—

USES—For home, offices, hospitals, small stores, etc.

BOUGHT BY THE FOLLOWING—Hardware and general stores, electrical dealers, drug, furniture and chain stores, for resale and by all classes of trade for individual use.

SPECIAL FEATURES—Induction type motor without brushes or commutators. This type motor eliminates the necessity of replacement of brushes. Felt covered base to protect polished surfaces. Toggle switch in base for starting and stopping.

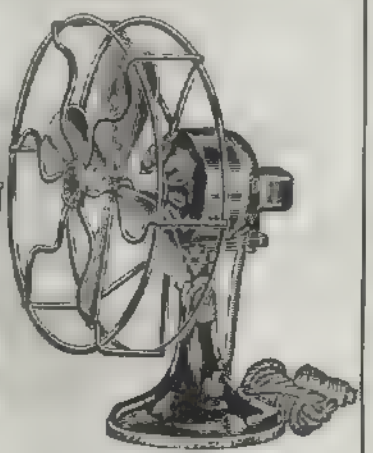
MATERIAL—Case hardened steel shaft. Drawn steel motor housing and base. Solid brass blades, polished and lacquered. Steel welded wire guard. 8 feet of cord with separable attachment plug.

FINISH—Multi-colored black enamel motor housing and base.

SIZE—Diameter 8 inches.

CURRENT—For A.C. 100 to 115 volts, 50 or 60 cycle. Approximate 25 watt consumption. Single speed, 1550 R.P.M.

(No. R-8-110AC)



(No. O-8-110AC)

NON-OSCILLATING, SINGLE BEARING

SPECIAL FEATURES—Double lubricating system. Hollow shaft is filled with lubricating compound. The rotor revolves on shaft and recessed to provide for a supply of lubrication. Oil hole at rear end of housing where oil can be supplied at intervals. Equipped with trunnion which permits adjustment upward 90 degrees, downward 30 degrees. Screw holes in base for wall mounting.

No.	R-8-110AC
1 to 2, Each	13 02
3 to 24, Each	12 39
25 or more, Each	11 70
	$6 50

One in carton, six in std pkg; wt 6¼ lbs.

OSCILLATING, DOUBLE BEARING

SPECIAL FEATURES—Lubricated by means of wick feed grease cup at fan end housing and by grease in gear case housing, both housings provided with oil holes to permit additional oiling.

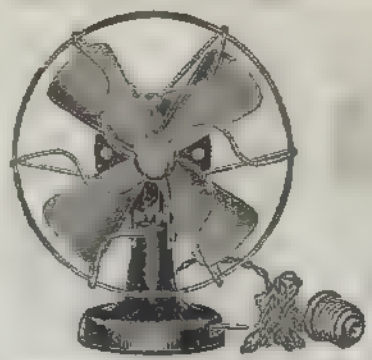
Die casting oscillating gear case consisting of two sets of bronze worm and worm gears each packed in lubricating compound. Can be easily changed from oscillating to rigid operation.

Equipped with trunnion which permits adjustment upward 90 degrees, downward 40 degrees from its normal position. Maximum arc of oscillation 75 degrees. Screw holes in base for wall mounting.

No.	O-8-110AC
1 to 2, Each	22 02
3 to 24, Each	20 94
25 or more, Each	19 80
	$11 00

One in carton, six in std pkg; wt each 7 lbs.

ELECTRIC FANS

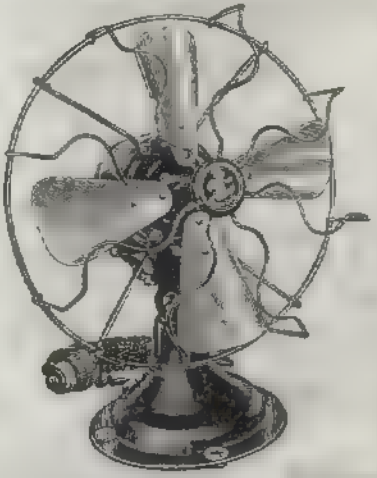


POLAR CUB, Single Speed.

Highly nickel plated motor; blades are japanned and rust proof; base is dipped and baked with a lustrous black finish. Fan is adjustable to any angle; die cast frame; mica filled commutator.

Voltage 105 to 120; wattage A. C. maximum 21, D. C. maximum 27; complete with 8 feet of cord and plug.

Nos.	Black Enameled PC-6-110	Black Enameled PC-8-110	Ivory Enameled PC-8-110-I
Diam of blades, ins	6	8	8
1 to 11, Each	8 25	9 60	14 70
12 or more, Each	7 95	9 15	13 65
Wt each	*3 lbs*	*4 lbs*	*6 lbs*



POLAR CUB

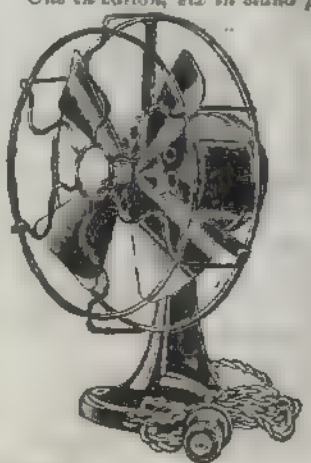
Two Speeds and Stop.

Drawn steel shell and base, black enamel baked on finish; base attachable to wall; polished brass blades; heavy wire guard.

Fan is adjustable to any angle.

Universal motor; 110 volts, 60 cycles; operates on alternating or direct current; at maximum speed draws an average of 25 watts. Complete with 8 feet of cord and two piece plug. Height over all 13¼ inches.

Nos.	Rigid PC10-110-R	Oscillating PC-10-110-O
Diam blades, ins	10	10
1 to 11, Each	13 65	21 00
12 or more, Each	13 05	19 95
One in carton; six in stand pkg; wt each	*$6 50*	*9 95*
	7 lbs.	



—CYCLONE—

One Speed, Four Japanned Steel Blades.

Pressed steel housing; polished cast iron base, black japanned. Pressed steel swivel joint permits adjusting to any angle. Base equipped with rubber feet for table use. Self aligning bearings, self lubricating oil wicks. Complete with 8 feet cord, separable attachment plug and universal motor.

110 Volts, Operates on Alternating or Direct Current.

Nos.	Non-Oscillating CR-8-110U	Oscillating CO-10-110U
Diam ins	8	10
1 to 2, Each	9 51	20 01
3 to 24, Each	9 06	19 02
25 or more, Each	8 55	18 00
One in carton; wt each 5 lbs.	*$4 75*	*10 00*

TOY DRUMS

ASSORTMENTS

Metal body with fibre head and bottom, black hoops. Attractively finished in bright colors representing Uncle Wigglys Parade, the Wild West, Boy Scout and zig zag designs. Fitted with cord adjustment with leather ears, web belts, hook and sticks. Per Ass't

No. 100—Ass't consists of 12 drums, diam 10 ins; height 7½ ins.....$27 00

(Assortments will not be broken.)

One ass't in carton; wt per ass't 18½ lbs.

TOY HORNS

HOHNER SAX

Heavy brass body, highly burnished; regular saxaphone bell and goose-neck mouthpiece. Fitted with 10 treble keys, twenty reeds accurately tuned, 2 bass keys.

A practical musical instrument of an extremely novel character which will afford fun, education and music. Each

No. 228—Length 17½ ins..... $11 25

One in cardboard box; wt each 2 lbs.

HOHNER ORGANETTE

Heavy brass body, highly burnished; metal mouthpiece and bell.

Fitted with 10 treble keys and 2 bass keys, all nickel plated.

A novel and attractive musical instrument which affords an abundance of real, good music.

Each

No. 148—Length 14¾ ins.....$4 80

One in cardboard box; wt each 1⅛ lbs.

MUSICAL INSTRUMENT STRINGS

Silvered steel wire, standard length. Produces remarkable fullness and richness in tone. Each string put up in glassine waterproof envelope to protect it against moisture and tarnishing.

Per Doz Sets

No. 3094—Guitar, two steel and four wound strings $7 50

No. 1748—Banjo, four steel and one compound string..... 6 00

No. 3112—Mandolin, four steel and four wound strings..... 6 00

No. 2240—Violin, three steel and one wound string 5 25

No. 2961—Ukelele, four steel strings..... 5 25

One set in cardboard box; wt per doz sets ⅝ lb.

JEWS HARPS

Iron frame, spring steel playing wire.

Per Doz

No. 19—Length 2⅛ ins; wt per doz ½ lb.....$2 55

No. 21—Length 3 ins; wt per doz 1¼ lbs..... 4 05

3 doz in cardboard box.

JUVENILE TOOL CHESTS

A. C. GILBERT CO.

All tools are made for actual use and will do the work for which they are intended.

1—Hammer
1—Saw Frame
1—T Square
1—Punch
1—Screw Driver
1—Rule
1—Pencil
1—Triangle

Per Doz

No. M8—8 tools as described above and apron to fit all pieces.....$19 50

One set in cardboard box; wt per doz 15 lbs.

Hardwood cabinet, stained finish; hinged top, hook and eye fastener. Size cabinet 14½x6½x3 inches.

1—Steel Saw
1—Scratch Awl
1—Wrench
1—Sandpaper Block
1—Try Square
1—Divider
1—Screw Driver
1—Triangle
1—Carpenter Pencil
1—Hammer
1—Rule

Per Doz

No. M701—Cabinet and 11 tools as described above. 24 75

One doz in carton; wt per doz sets 38 lbs. *$12 00*

Size cabinet 17x7½x2¼ inches.

1—Hammer
1—Steel Saw
1—Coping Saw
1—Mitre box
1—Scratch Gauge
1—Try Square
1—T Steel Square
1—Rule
1—Carpenters Pencil
1—Awl
1—Screw Driver
1—Triangle
1—Divider

Per Doz Sets

No. M150—Cabinet and 13 tools as described above..... 40 50

One doz sets in carton; wt per doz sets 45 lbs. *$18 00*

A. C. GILBERT CO.

Practical carpentry outfit in stained hardwood cabinet with hinged top, hook and eye fastener. Complete with 64 page descriptive and illustrated carpentry manual. 17x7½x3¼ inches.

1—Screw Driver
1—Scratch Gauge
1—Steel Saw
1—Hammer
1—Steel Try Square
1—Triangle
1—Brace
1—Rule
1—Mitre Box
1—Carpenter Pencil
1—Awl
1—Divider

Per Doz

No. M702—Cabinet and 12 tools as described above..... 66 00 *$30 00*

Three quarter doz in carton; wt per doz sets 64 lbs.

JUVENILE TOOL CHESTS

A. C. GILBERT CO.

Carpenter type chest of hardwood stained and varnished; brass hand grip on side, brass catches; dovetail corners. All tools are made for actual use and will do the work for which they are intended. Complete with 64 page descriptive and illustrated carpentry manual. 21x8¼x3¼ inches.

1 Triangle
1—Brace
1—Soldering Iron
1 Rule
1 Mitre Box
1—Carpenter's Pencil
1—Scroll Saw
1—Pair Dividers
1—Bar Solder
1—Screw Driver
1—Drill
1 T Square
1—Steel Try Square
1—Hand Saw
1—Scratch Gauge
1—Hammer

Per Doz
No. M707—Cabinet and 16 tools as described above..... 90 00
Six in carton; wt per doz 84 lbs. *$42 00*

Carpenter type chest of hardwood stained and varnished; brass hand grips on side; brass catches; dovetail corners. All tools are made for actual use and will do the work for which they are intended. Complete with 64 page descriptive and illustrated carpentry manual. 21½x8¼x4⅛ inches.

1—Mitre Box
1—Rule
1—Clamp
1—Carpenter's Pencil
1—Steel Try Square
1 Awl
1 Plane
1—Soldering Iron
1—Wooden Mallet
1—Carpentry book
1—Hand Saw
1—Pair Dividers
1—Hammer
1—Triangle
1—Medium Screw Driver
1—Large Screw Driver
1—Scroll Saw
1—Scratch Gauge
1—T Square
1—Small Screw Driver
1—¼ Inch Chisel
1—Bit Brace

Per Doz
No. M765—Cabinet and 22 tools as described above ... 132 00
One set in case, 4 cases in carton; wt per doz, 150 lbs. *$60 00*

JUVENILE TOOL CHEST

BIG BOY, DAD'S SIZE

Hinged top, hardwood chest enameled red. Fitted with brass hand grips on sides, corner braces and catches. All tools are made for actual use and will do the work for which they are intended. Set contains 2 illustrated home work manuals. Size cabinet 22½x10¾x5¾ inches

1—File
1—Soldering Iron
1—Hand Gimlet
1—Pair Dividers
1—T Square
1—Metal Level
1—Plane
1—Carpenters Pencil
1—No. 2. Gimlet Bit
1—Brace
1—Large Mallet
1—16 inch Cross Cut Saw
1—Nail Set
1—Home work Shop Book
1—Scroll Saw
1—Mitre Box
1—¼ inch Chisel
1—½ inch Chisel
1—1 inch Chisel
1—Small Screw Driver
1—Scratch Gauge
1—Bottle LePages Glue
1—Pair Snips
1—Awl
1—Metal Square
1—Inch Auger Bit
1—Hammer
1—Plan Book

Per Set
No. M780—Cabinet and 26 tools as described above ... 22 50
Three in carton; wt per set 19 lbs. *$10 00*

JUVENILE TOOL CHESTS

A. C. GILBERT CO.

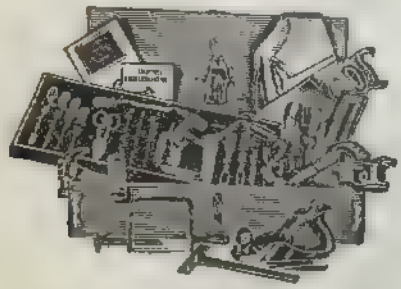
Hinged top, hardwood chest, enameled red. Fitted with brass hand grips on sides corner braces and catches. All tools are made for actual use and will do the work for which they are intended. Set contains 2 illustrated work shop manuals. Size cabinet 26x11x5¾ inches.

1—Scroll Saw
1—¼ inch Chisel
1—½ inch Chisel
1—1 inch Chisel
1—¾ inch Chisel
1—Small Screw Driver
1—Scratch Gauge
1—Apron
1—File
1—Soldering Iron
1—T Square
1—Level
1—Hammer
1—Wood Mallet
1—Keyhole Saw
1—16 inch Cross Cut Saw
1—Plan Book
1—Home Work Shop Book
1—Draw Shave
1—Large Mitre Box
1—Pair Dividers
1—Awl
1—2 ft. Rule
1—No. 2 Gimlet Bit
1—Metal Square
1—5/16 inch Auger Bit
1—3/8 inch Auger Bit
1—1 inch Auger Bit
1—Brace
1—Plane
1—Bottle LePages Glue
1—Carpenters Pencil
1—Pair Cast Iron Pliers
1—Nail Set
1—Tinner's Snips

Per Set

No. 785—Cabinet and 33 tools as described above..... 33 00
One in carton; wt per set 23 lbs. *$16 00*

BIG BOY, DAD'S SIZE



Hinged top hardwood chest, enameled red. Fitted with brass hand grips on sides, corner braces, and catches. All tools are made for actual use and will do the work for which they are intended. Set contains 2 illustrated manuals.

Size cabinet 27½x12x6½ inches.

1—Scroll Saw
1—¼ inch Chisel
1—½ inch Chisel
1—1 inch Chisel
1—¾ inch Chisel
1—Screw Driver
1—Scratch Gauge
1—Apron
1—File
1—Soldering Iron
1—Large Screw Driver
1—Ratchet Brace
1—Hammer
1—Large Plane
1—Wood Mallet
1—Rip Saw
1—Keyhole Saw
1—Hand Gimlet Bit
1—T Square
1—Level
1—Draw Shave
1—Mitre Box
1—Pair Dividers
1—Awl
1—2 ft. Rule
1—No. 2 Gimlet Bit
1—Metal Square
1—5/16 inch Auger Bit
1—3/8 inch Auger Bit
1—1 inch Auger Bit
1—Bottle LePages Glue
1—Carpenters Pencil
1—Pair Cast Iron Pliers
1—Nail Set
1—Pair Snips
1—20 inch Cross Cut Saw
1—Home Work Shop Book
1—Plan Book

Per Set

No. M790—Cabinet and 36 tools as described above..... 54 00
One in carton; wt per set 29 lbs. *$25 00*

HARMONICAS

HOTZ, "The American Ace."

Scales A, B, C, D, E, F, G.

10 single holes; 20 reeds; brass plates, nickel plated covers.

Per Doz

No. 02—Length 4 ins..... $5 70
One in telescoping box; wt per doz 2 lbs.

HOHNER, "The Old Standby."

Scales A, B, C, D, E, F, G.

10 single holes; 20 reeds; brass plates, nickel plated covers.

Per Doz

No. 348—Length 4 ins; wt per doz 2 lbs..... $12 00
One in hinged box.

HOHNER, "The Old Favorite."

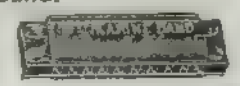
10 double holes; 20 reeds; brass plates; nickel plated covers.

Per Doz

No. 508—Length 4 ins..... $12 00
One in hinged box; wt per doz 2 lbs.

HOHNER, "Marine Band."

10 single holes; 20 reeds; brass plates; nickel plated covers.



Per Doz

No. 1896—Length 4 ins; wt per doz 2 lbs..... $13 05
One in hinged box.

HOHNER, "The Echo."

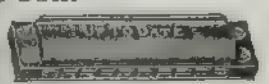
16 double hole; 32 reeds; nickel plated covers with turned in ends.

Per Doz

No. 605—Length 5 ins; wt per doz 3½ lbs..... $15 75
One in hinged box.

HOHNER, "Up-to-Date."

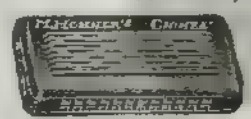
10 double holes; 20 reeds; brass plates; nickel plated covers.



Per Doz

No. 1896½—Length 4 ins..$18 75
One in hinged box; wt per doz 4 lbs.

HOHNER, "The Chimes."



12 double holes; 24 reeds; brass plates; nickel plated covers.

Per Doz

No. 59—Length 4 ins..... $24 00
One in hinged box; wt per doz 4 lbs.

HOHNER, "Full Concert Harp."

10 double holes; 40 reeds; brass plates; nickel plated covers.

Per Doz

No. 3CND—Length 4 ins...$19 50
One in hinged box; wt per doz 2½ lbs.

HOHNER, "Echo".

16 double holes; 64 reeds; brass plates; nickel plated covers.

Per Doz

No. 606—Length 4 ins..... $31 50
One in hinged box; wt per doz 3 lbs.

PAINT SETS

THE BERKSHIRE

Contains a palette with 10 non-poisonous and stainless genuine water colors, 4 mixing cups, 1 camel hair brush and die cut painting book with embossed cover.

Per Doz

No. 252—Size box 11¼x11¼ ins. $12 75

Half doz sets in pkg; wt per doz 4 lbs.

PAINT SETS

SUPERFINE

Contains large palette with 10 large paints, 1 silver and 1 gold paint cup, 3 porcelain mixing cups, 1 eraser, 1 drawing pen, 1 pencil, 1 large camel hair brush and 8 water colors in tubes.

Per Doz

No. 450—Size hinged top wood box 13x11¼x2 ins. $54 00

One in pkg; wt per doz 24 lbs.

THE LITTLE ARTIST

Contains 10 large non-poisonous and stainless water colors, 2 brass mixing cups, 4 stencils, 4 outlines and 1 camel hair brush.

Per Doz

No. 227—Size box 11⅜x11⅜ ins. $12 75

Half doz sets in pkg; wt per doz 4½ lbs.

CRAYON SETS

CRAYOLA KINDERGARTEN OUTFITS

Contains 12 assorted crayons 3¼ inches long, outline drawing book and 2 cut art stencils 4x5 inches, one package drawing paper consisting of 25 sheets 4x5 inches

Per Doz Sets

No. 25—Wt per doz sets 3 lbs $6 30

One set in hinged cover display cardboard box.

CRAYOLA KINDERGARTEN OUTFITS

Contains 12 assorted crayons 6 inches long, outline drawing book and 3 cut art stencils 5¾x6 inches, one package of drawing paper consisting of 25 sheets 5¾x6 inches.

Per Doz Sets

No. 50—Wt per doz sets 6 lbs. $12 00

One set in hinged cover display cardboard box.

FINISHING TOUCHES

Contains 1 palette with 8 large non-poisonous and stainless, genuine water colors, 1 silver and 1 gold paint cup, 2 porcelain mixing cups, 6 water colors in tubes, 1 pencil sharpener, 1 pencil, 1 camel hair brush and 1 twelve inch rule.

Per Doz

No. 400—Size hinged top wood box 12½x10x2¾ ins $39 00

One in pkg; wt per doz 18 lbs.

PICTURE TRACER OUTFITS

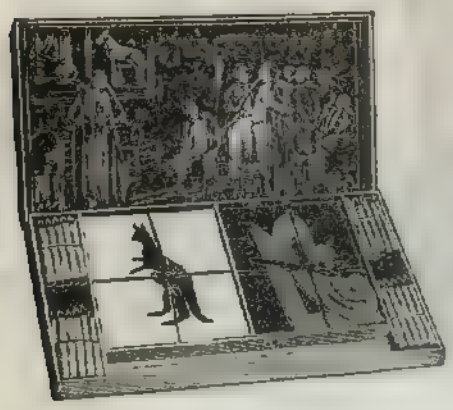
Contains 14 wax crayons, 3 stencils, 3 black and white outlines and 3 drawing sheets.

Per Doz

No. 51—Size box 11x6¼ ins $12 75

One doz in pkg; wt per doz 10 lbs.

CRAYON SETS



Contains 20 wax crayons, 1 rule, 1 pencil, 3 french curved rules, 6 white and black outlines, and 5 colored stencils.

Per Doz

No. 53—Size box 16 x 8½ ins $24 00

Half doz in pkg, wt per doz 12 lbs.

Contains 28 genuine wax crayons 3½ inches long, 4 stencils, and 6 black and white outlines.

Per Doz

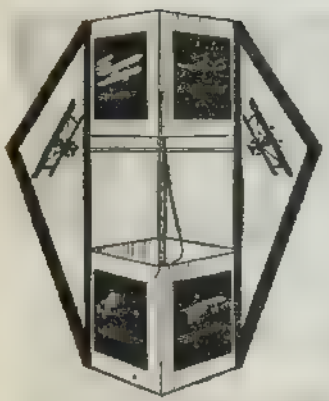
No. 52—Size box 14¾x3¼ ins $19 50

One doz in pkg; wt per doz 6 lbs.

KITE ASSORTMENTS

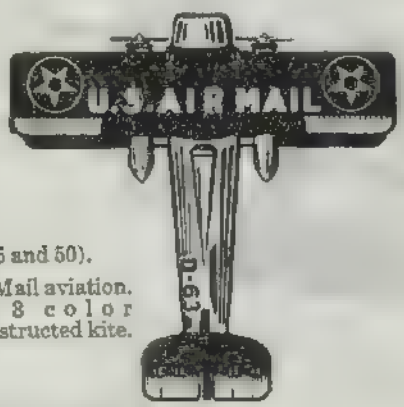
DOLLY, FOLDING TYPE

Extra tough paper, printed in bright red, blue and orange colors.



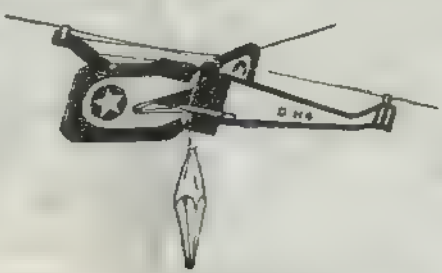
(No. 1). Aviation Box Kite. Heavy Nibroc craft sails with aviation story on each sail.

(Nos. 40, 30 and 10).



(Nos. 25 and 50).

U. S. Air Mail aviation. A beautiful 8 color strongly constructed kite.



(No. 2). Not a kite, but a remarkable aeronautical toy. Ascends kite string while kite is being flown, collapses, drops parachute and then returns to the hand.

(No. 101) Wonder trick kite. Constructed of heavy paper, folded, has no frame work. Flies under any condition of wind.

No. 150 ASSORTMENT

Consists of 96 kites and 12 mail parachutes as follow:

½ Doz—No. 1, size 30x10x30 ins; retails at 50c each	$ 3 00
1 Doz—No. 25, size 28x28 ins; retails at 10c each	1 20
1 Doz—No. 50, size 37x37 ins; retails at 25c each	3 00
1 Doz—No. 101, size 30x20 ins; retails at 10c each	1 20
3 Doz—No. 40, size 24x24 ins; retails at 5c each	1 80
1 Doz—No. 10, size 36x36 ins; retails at 10c each	1 20
2 Doz—No. 3, air mail parachutes, retails 2 for 5c	60
1 Doz—No. 2, parachute carrier, retails at 10c each	1 20
Total Retail Value	$13 20

Per Ass't

No. 150—Ass't complete as described $25 50

One ass't in carton; wt per ass't 16 lbs.

No. 75 ASSORTMENT

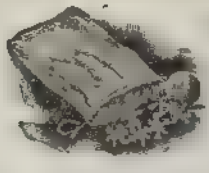
Assortment consists of 72 kites assorted as follow:

1 Doz—No. 50, size 37x37 ins; retails at 25c each	$ 3 00
2 Doz—No. 10, size 36x36 ins; retails at 10c each	2 40
3 Doz—No. 30, size 24x24 ins; retails at 5c each (Same as No. 40, except without string or bowing)	1 80
Total Retail Value	$ 7 20

Per Ass't

No. 75—Ass't complete as described $12 75

One ass't in carton; wt per ass't 10 lbs.



JACK SETS

Set consists of 5 nickel plated cast iron jackstones and one 7/8 inch red rubber ball in cloth bag as illustrated.

No.	517
Wt per doz sets, lbs	1½
Per Doz Sets	$1 20
Per Gro Sets	13 95

Six doz sets in cardboard box, 5 gro sets in case.

SPONGE RUBBER BALLS

High grade red sponge rubber throughout. No hollow center, puncture proof, retains its shape and will not deflate.

Nos.	M5	M112	M114	M115
Diam, ins	1¾	2 1/16	2 5/16	2 11/16
Doz in box	6	1	1	1
Wt per doz, lbs	½	¾	1½	1¾
Per Doz	$1 06	2 10	2 40	3 45

Return Balls.

Red sponge rubber with moulded raised decorations. Fitted with rubber thread.

Per Doz

No. M506—Diam 1 5/8 ins $1 26

One in cardboard box; wt per doz ½ lb.

RUBBER BALLS

MILLER

INFLATED RUBBER BASE BALLS

Good grade white rubber; moulded to show stitches like regular base ball.

Per Doz

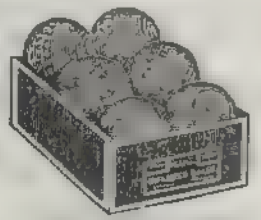
No. M888—Junior Size; diam 2½ ins; wt per doz 3 lbs $2 40

One in box; one doz in cardboard box.

MILLER

INFLATED EDUCATIONAL DESIGN

Good grade white rubber, with figures moulded; for school, play grounds, surf and home.



Nos.	M44	M46
Diam, ins	4	6
Wt per doz, lbs	2½	4½
Per Doz	$6 60	12 75

Half doz in cardboard box.

MILLER STAR

Inflated. Good grade rubber with moulded star decorations.

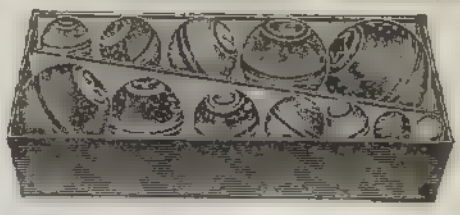
Nos.	White 8175	White 8275	White With Red Stripes. 8276
Diam, ins	2	2½	2½
Wt per doz, lbs	1	1½	1½
Per Doz	$1 35	2 40	2 55

Assorted Colors of Blue, Red and Orange, Fancy Stripes.

Nos.	8387	8577
Diam, ins	3½	5
Doz in box	1	½
Wt per doz, lbs	3¼	7
Per Doz	$6 75	12 00

One doz in cardboard box.

RUBBER BALL ASSORTMENTS



MILLER

Assortment consists of one dozen balls assorted sizes and colors as follows:

1—1½ inch diameter bat ball
1—2 inch star ball
1—2½ inch star striped ball
1—3 inch star striped ball
2—3½ inch educational balls
1—3½ inch star striped ball
2—4 inch star striped balls
1—5 inch star striped ball
1—5 inch educational ball
1—6 inch star ball

Per Ass't

No. 8010—Wt per ass't 5 lbs $8 25

One in cardboard counter display box.

Assortment consists of heavy gauge steel display rack and 34 rubber balls assorted colors and sizes as follows:

6—6 inch balls
6—5 inch balls
7—4 inch balls
3—3½ inch balls
4—3 inch balls
5—2½ inch balls
1—Regular Miller League base ball
1—2 inch star ball.

Per Ass't

No. 8025—Height rack 29 ins; diam bottom 19 ins; top 6 ins $36 00

In carton; wt per ass't 20 lbs.

MARBLES

ONYX AGATES

Superior quality, assorted colors; size 11/16 inch.

	Per Doz Boxes	Per Gro Boxes
No. 5—5 in attractive colored cardboard counter display box; wt per doz boxes 1 lb	$1 35	14 40
No. 10 11 in attractive colored cardboard counter display box; wt per doz boxes 2 lbs	2 70	30 00

Partitioned Display Boxes.

Nos.	30	31	32
Size, ins	5	11/16	¾
No. in box	100	100	50
Wt per 100, lbs	1	1¼	2¼
Per 100	$1 95	2 10	2 55

IMPORTED MARBLES

GENUINE AGATES

Assorted colors and sizes.

Sizes 9/16 to 11/16 in.

	Per 100
No. 300—Seconds	$15 75
No. 200—Medium	25 50
No. 100—First quality	37 50

Sizes 11/16 to 7/8 in.

	Per 100
No. 212—Medium quality	$51 00
No. 211—First quality	66 00

Sizes 7/8 to 1 in.

	Per 100
No. 251—First quality	$81 00

25 in cardboard box; wt per hundred 1¾ lbs.

FLINTS

Assorted Sizes 9/16 to 11/16 in.

	Per 100
No. 181—First quality	$37 50

CERISE

High grade glass agate of beautiful dark color combinations. Assorted sizes 10-9/16 inch; 10-11/16 inch and 5-¾ inch.

	Per 100
No. 25—Wt per 100, 1½ lbs	$4 50

25 in cardboard box.

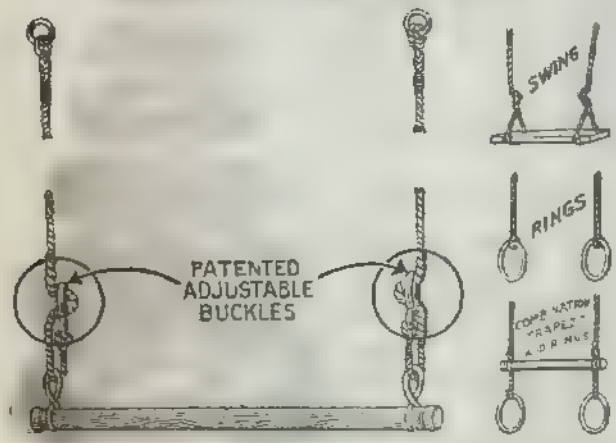
PRIMA

A good imitation agate. Assorted color combinations and sizes, 20-9/16 inch, 20-11/16 inch and 10-¾ inch.

	Per 100
No. 150—Wt per 100, 2 lbs	$9 75

50 in cardboard box.

TRAPEZE SWING SETS



For Grown-Ups As Well As Children.

Ropes are of heavy sisal, fitted with patent adjustable buckles that allow adjustment to any length desired, and will not slip. The bar and swing seat are of hardwood, rings are of steel. Can be quickly and easily converted into swing or acting rings as above illustrated by slipping rope from adjustable buckles.

Consists of two pieces of sisal rope 6 feet long with rings on one end and patent adjustable buckles on the other, trapeze bar, swing seat and two acting rings.

	Per Doz
No. M111—Complete as above described; wt per doz 24 lbs	$49 50

One in carton

TOY CAP PISTOLS

INVINCIBLE

50 Shot, Repeater.

Iron; bright finish. Repeats, giving 50 loud reports as fast as trigger can be pulled, strikes a forward blow, thus avoiding danger. The ammunition as shown in illustration, is locked in magazine.

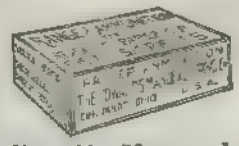
	Per Doz
No. 50—Length 6½ ins	$6 75

One in cardboard box; wt per doz 9 lbs.

TOY CAP PISTOL ASSORTMENTS

	Per Ass't
No. 3—Includes 1 doz No. 50 Pistols and 5 doz No. 18A Caps	$10 50

PAPER CAPS



Scout

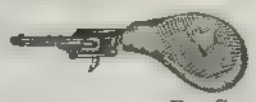
Made especially for Repeating Toy Rifles and Pistols.

	Per Doz
No. 18A—50 caps in a roll, 5 rolls in a carton; wt per doz cartons ½ lb	$1 20

5 doz cartons to box; 12 boxes to case.

WATER PISTOLS

Good quality rubber bulb on metal pistol will squirt a small stream of water approximately 30 feet.



	Per Gro
No. 1030—Length over all 5 ins	$28 50

One doz in box; wt per gro 22 lbs.

AUTOMATIC SPARKLING TOYS

RONSON

These automatic sparkling toys completely replace dangerous fireworks; yet retain all the thrill though absolutely harmless. Startling in effect, both night and day, they furnish an all year round amusement. The harmless shooting ammunition with which they are originally loaded is good for thousands of shots, each toy is made so they can be reloaded.

STARLIGHT

Sheet metal, attractively finished in blue and white; wood handle. Positive automatic action that produces a magic whirling star shower flashing red, white and blue, by simply pushing the lever.

	Per Doz
No. 125—Length 6 ins	$6 75

One in cardboard box; wt per doz 1½ lbs.

TOP FIREFLY

Sheet metal, attractively finished in red and white.

Operated by a simple pull of the string which starts it to spin, automatically rewinds itself. Makes a big shower of vari-colored fascinating flashes as it spins.

	Per Doz
No. 200—Height 3¼ ins; diam 4½ ins	$25 50

One in cardboard box; wt per doz 4½ lbs.

REVOLVER

Sheet metal, finished in gun black, full size; has hammer, striking place, sights, trigger guard and hair trigger. Loaded ready for action.

	Per Doz
No. 250—Length 7½ ins	$13 50

One in cardboard box; wt per doz 4 lbs.

MACHINE GUN

Sheet steel body, olive drab enameled; black finish gun platform; mounted on tripod with wood legs finished in bright red.

A turn of the crank produces a sizzling barrage of continuous cracking, flashing, machine gun fire.

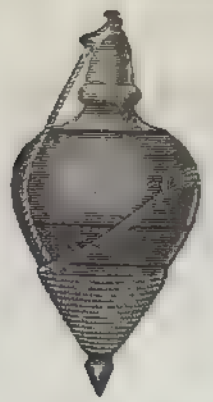
	Per Doz
No. 300—Width 13 ins; height 5 ins	$25 50

One in cardboard box; wt per doz 6 lbs.

RELOADS FOR AUTOMATIC SPARKLING TOYS

	Per Doz
No. 1—Single, one in pkg. For all toys except starlight	$1 35
No. 2—Double with metal holders, two in pkg. For starlight only	2 40

SPINNING TOPS



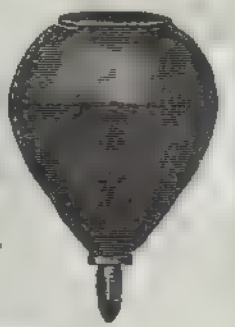
GIRLS TOPS

Turned hardwood; stained, assorted colors: green and red; steel spike; furnished with cord, swivel and button.

Per Doz

No. 600—Size 1½x3¼ ins ... $1 35

Two doz in carton; wt per doz 2¼ lbs.



SPIKE PEG

Turned hardwood; stained assorted colors, green and red; steel peg.

Nos.	00	1	3
Size, ins	1¾x2	1½x2½	1¾x2½
Doz in carton	12	6	3
Wt gross, lbs.	6	7	8
Per Gro	$2 70	4 05	9 00

BALL PEG

Turned hardwood; enameled assorted colors; green and red stripe around body; steel ball peg.

Per Doz

No. 10—Size 1¾x2½ ins ... $1 20

Two doz in carton; wt per doz 2 lbs.

BALL BEARING

Turned hardwood; stained assorted colors, green and red; spins on steel ball encased in steel peg.

Per Doz

No. 200—Size 1¾x2½ ins $1 20

Three doz in cardboard box; wt per doz 1¼ lbs.

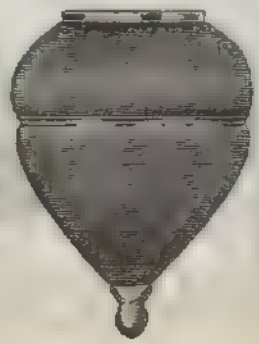
BUSTER

Turned hardwood; stained assorted colors, green and red; spins on steel peg which rests on a rubber cushion, giving a high bounce when spun.

Per Doz

No. 250—Size 1¾x2½ ins ... $1 26

Three doz in cardboard box; wt per doz 1¼ lbs.



RUBBER NECK

Turned hardwood; enameled assorted colors, red and green; rubber neck and steel peg.

Per Doz

No. 1000—Size 1¾x2¾ ins $1 35

Three doz in carton; wt per doz 1¼ lbs.

SPINNING TOPS

BALL BEARING

Turned hardwood; polished; red, white and blue striped around top; spins on a steel ball encased in a steel peg.

Per Doz

No. 400—Size 2⅛x2¾ ins ... $2 40

Three doz in carton; wt per doz 2 lbs.

TOP CORD

Strong white seine twine.

Per Gro

No. 6—Length 6 ft ... $1 95

One gro in bdle; wt per gro ½ lb.

ARTIFICIAL CHRISTMAS TREES

Artificial evergreen on wire branches, with a frost covered effect, red berries on tips of branches. Round pot painted white, decorated with children's pictures and gold band.

Per Doz

No. 200—Has 19 branches; height over all 22 ins ... $2 50

Half doz in box; wt per doz 9 lbs.

Artificial, everlasting evergreen on wire branches, red berry ends; branches fitted with bright finish metal candle holders. Folds flat against trunk, white enameled turned wood stands.

Per Doz

No. 65—Has 19 branches; height over all 26 ins; wt per doz 6 lbs $12 00

One doz in box.

No. 100—Has 31 branches; height over all 40 ins; wt per doz 10 lbs ... 24 00

Per Doz

No. 120—Has 40 branches; height over all 48 ins; wt per doz 15 lbs ... $39 00

No. 130—Has 50 branches; height over all 52 ins; wt per doz 23 lbs ... 57 00

No. 150—Has 53 branches; height over all 60 ins; wt per doz 33 lbs ... 84 00

Half doz in box.

CHRISTMAS TREE HOLDERS

Wood, painted green, adjustable to any size tree. Complete with bolts, washers and winged nuts for setting up.

Per Doz

No. 10—Spread 20 ins; height 6¼ ins.....$12 75

One in cardboard box; K. D; one doz in carton; wt per doz 28 lbs.

Steel, green enameled finish. Adjustable to hold any size tree. Folds when not in use.

Per Doz

No. 7—Spread 16 ins $15 00

Half doz in cardboard box; wt per doz 20 lbs.

⅝ inch green enameled flat steel uprights with ½ inch braces; 1 quart capacity, copper finish metal water container. When filled keeps tree fresh and prevents needles falling. Adjustable for all size trees.

Bored for fastening to base or floor. Per Doz

No. 1—Spread of base when set up 20 ins; height when spread 11 ins $28 50

Half doz in carton; wt per doz 18 lbs.

CHRISTMAS DECORATIONS

Hinoki Festooning or Roping.

Fine hinoki twisted on 3 ply cotton warp giving round effect, a very popular type of decorative material; diameter 1⅛ inch.

Per Bdle

No. 1001—Red; 60 yds in bundle $1 08

No. 1002—Green; 60 yds in bundle. 1 08

Wt per bundle, 6 lbs

Per Gro

No. 1003—Red, 4 yds in roll..... $13 50

No. 1004—Green, 4 yds in roll..... 13 50

No. 1005—Red, 10 yds in roll..... 28 50

No. 1006—Green, 10 yds in roll 28 50

Wt per gro, 27 lbs

Hinoki Wreaths.

Red hinoki roping wound over a heavy cardboard frame.

Per Gro

No. 1007—Diam 7 ins; with green spray and pine burr.....$27 00

Three doz in box; wt per gro 35 lbs. Per Gro

No. 1008—Diam 12 ins; with green sprays and silver leaves.....$78 00

One doz in box; wt per gro, 50 lbs.

CHRISTMAS STOCKINGS

Assorted red and white netting stockings filled with an assortment of small toys.

Per Doz

No. 4½—Contains 12 toys; length 16 ins; wt per doz 3½ lbs..... $6 75

No. 6—Contains 18 toys; length 19 ins; wt per doz 4¾ lbs..... 13 50

Half doz boxes in cardboard box.

CHRISTMAS TINSEL

SILVER SLEET

In attractively printed holiday color display window folders. Length of strands 18 inches. For decorating Christmas trees, display windows, parties, etc.

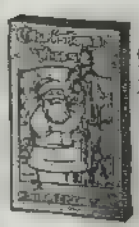
Per Gro Packages

No. 205—Small size contains ¾ oz of silver tinsel in compact window folder 8x2¾ ins; wt per gro 17 lbs.....$12 00

No. 210—Large size contains 1¾ ozs of silver tinsel in compact window folder 10x 2¾ ins; wt per gro 27 lbs 24 00

One gro in carton.

SILVER SLEET



Silver tinsel in attractively printed holiday color compact folder. Length of strand 18 inches. For decorating Christmas trees, display windows, parties, etc.

Per Gro Packages

No. 105—Small size contains ¾ oz of silver tinsel in compact folder 6½x4x⅛ ins; wt per gro 17 lbs $12 00

No. 110—Large size contains 1¾ ozs of silver tinsel in compact folder, 7¾x5 ins; wt per gro 27 lbs 24 00

One gro in carton.

TOY BALLOONS

ASSORTMENT

Assortment is furnished in an attractive display box; assorted colors and sizes; window display poster furnished with each assortment.

Per Ass't

No. 50—Consists of 144 pieces, 36 of each number; wt per ass't 11½ lbs; (Retail Value $7 20)..... $13 60

One ass't in cardboard box.

TOY JEWELRY

KIDDY SETS

Set consists of an extra long necklace, very attractive brooch pin and wrist watch bracelet, comes is assorted colors.

Per Doz Sets

No. 2630—Wt per doz sets 1½ lbs $6 30

One set on card, one doz cards in box.

KIDDY SETS

Set consists of a very attractive brooch, bracelet, necklace and beaded bag with German silver frame; comes in assorted colors.

Per Doz Sets

No. 2622—Wt per doz 1½ lbs $12 75

One set on card, each card in triangular shape box covered with paper in kiddy design.

AIR-O-SHOOT

Consists of polished aluminum balls to which is attached a 12 inch parachute and nickel plated steel sling shot with red enameled wood handle.

The ball is shot high into air with sling shot, the parachute is released and the aluminum ball floats gently to the ground.

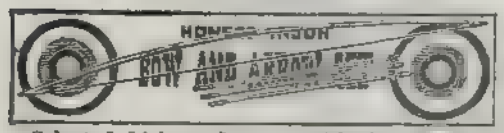
Per Doz

No. 75—Wt per doz 5½ lbs. $18 75

(Sold in full cartons only.)

One doz in attractive cardboard counter display box.

ARCHERY SETS



BOW AND ARROW

Selected hickory bow varnished natural finish and decorated. Strung with stout pure twisted flax string, rubber tipped arrows. Bright colored targets printed on box.

Papoose.

Contains 1 round bow 30 inches long and two 12 inch arrows.

Per Doz Sets

No. 60—Wt per doz sets 6 lbs $12 75

Honest Injun.

Contains 1 flat bow 42 inches long and three 22 inch arrows.

Per Doz Sets

No. 100—Wt per doz sets 12 lbs $24 00

One set in cardboard box.

Buck Injun.

Set consists of 46 inch round hickory bow, varnished natural finish, strung with stout pure twisted flax string, three 18 inch copper tipped and angular feathered birch arrows and card with three bright colored targets. Per Doz Sets

No. 275—Wt per doz sets 36 lbs $54 00

One set in carton.

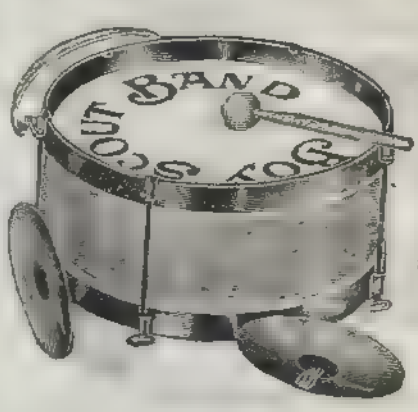
TOY DRUMS

Metal body with skin head and fibre bottom; black hoops. Fitted with cord adjustment with leather ears, web belt, hook and sticks.

Per Doz

No. 200—Diam 12 ins; width 6 ins $49 50

One in carton; wt per doz 28 lbs.



Metal body with natural finish wood hoops and sheepskin heads; heavy nickel shells, nickel rods. "Boy Scout Band" printed in large red letters on one head of drum. Complete with 6¼ inch brass cymbals, drum stick and web belt.

Per Doz

No. 300—Diam 12 ins; width 7 ins $120 00

One in carton, wt each 8¾ lbs.

ALL METAL

Heavy tin, highly decorated with quaint child character, three assorted colors; with sticks.

Per Doz

No. 22—Diam 7 ins; height 3 ins $6 00

Packed loose, wt per doz 6½ lbs.

ASSORTMENTS

Metal body with fibre head and bottom; attractively finished in bright colors. Fitted with cord adjustment with leather ears, web belt, hook and sticks.

Assortment consists of 12 drums as follows:

6—7 inch drums
4—9 inch drums
2—11 inch drums

Per Ass't

No. 75—Complete as described $19 50

(Assortments will not be broken.)

One ass't in carton; wt per ass't, 18½ lbs.

TOY DRUMS

ASSORTMENTS

Metal body with fibre head and bottom, black hoops. Attractively finished in bright colors representing Uncle Wigglys Parade, the Wild West, Boy Scout and zig zag designs. Fitted with cord adjustment with leather ears, web belts, hook and sticks. Per Ass't

No. 100—Ass't consists of 12 drums, diam 10 ins; height 7½ ins.....$27 00

(Assortments will not be broken.)

One ass't in carton; wt per ass't 18½ lbs.

TOY HORNS

HOHNER SAX

Heavy brass body, highly burnished; regular saxaphone bell and goose-neck mouthpiece. Fitted with 10 treble keys, twenty reeds accurately tuned, 2 bass keys.

A practical musical instrument of an extremely novel character which will afford fun, education and music. Each

No. 228—Length 17½ ins..... $11 25

One in cardboard box; wt each 2 lbs.

HOHNER ORGANETTE

Heavy brass body, highly burnished; metal mouthpiece and bell.

Fitted with 10 treble keys and 2 bass keys, all nickel plated.

A novel and attractive musical instrument which affords an abundance of real, good music.

Each

No. 148—Length 14¾ ins.....$4 80

One in cardboard box; wt each 1⅛ lbs.

MUSICAL INSTRUMENT STRINGS

Silvered steel wire, standard length. Produces remarkable fullness and richness in tone. Each string put up in glassine waterproof envelope to protect it against moisture and tarnishing.

Per Doz Sets

No. 3094—Guitar, two steel and four wound strings $7 50

No. 1748—Banjo, four steel and one compound string..... 6 00

No. 3112—Mandolin, four steel and four wound strings..... 6 00

No. 2240—Violin, three steel and one wound string 5 25

No. 2961—Ukelele, four steel strings..... 5 25

One set in cardboard box; wt per doz sets ⅝ lb.

JEWS HARPS

Iron frame, spring steel playing wire.

Per Doz

No. 19—Length 2⅛ ins; wt per doz ½ lb.....$2 55

No. 21—Length 3 ins; wt per doz 1¼ lbs..... 4 05

3 doz in cardboard box.

JUVENILE TOOL CHESTS

A. C. GILBERT CO.

All tools are made for actual use and will do the work for which they are intended.

1—Hammer
1—Saw Frame
1—T Square
1—Punch
1—Screw Driver
1—Rule
1—Pencil
1—Triangle

Per Doz

No. M8—8 tools as described above and apron to fit all pieces.....$19 50

One set in cardboard box; wt per doz 15 lbs.

Hardwood cabinet, stained finish; hinged top, hook and eye fastener. Size cabinet 14½x6½x3 inches.

1—Steel Saw
1—Scratch Awl
1—Wrench
1—Sandpaper Block
1—Try Square
1—Divider
1—Screw Driver
1—Triangle
1—Carpenter Pencil
1—Hammer
1—Rule

Per Doz

No. M701—Cabinet and 11 tools as described above. 24 75

One doz in carton; wt per doz sets 38 lbs. *$12 00*

Size cabinet 17x7½x2¼ inches.

1—Hammer
1—Steel Saw
1—Coping Saw
1—Mitre box
1—Scratch Gauge
1—Try Square
1—T Steel Square
1—Rule
1—Carpenters Pencil
1—Awl
1—Screw Driver
1—Triangle
1—Divider

Per Doz Sets

No. M150—Cabinet and 13 tools as described above..... 40 50

One doz sets in carton; wt per doz sets 45 lbs. *$18 00*

A. C. GILBERT CO.

Practical carpentry outfit in stained hardwood cabinet with hinged top, hook and eye fastener. Complete with 64 page descriptive and illustrated carpentry manual. 17x7½x3¼ inches.

1—Screw Driver
1—Scratch Gauge
1—Steel Saw
1—Hammer
1—Steel Try Square
1—Triangle
1—Brace
1—Rule
1—Mitre Box
1—Carpenter Pencil
1—Awl
1—Divider

Per Doz

No. M702—Cabinet and 12 tools as described above..... 66 00 *$30 00*

Three quarter doz in carton; wt per doz sets 64 lbs.

JUVENILE TOOL CHESTS

A. C. GILBERT CO.

Carpenter type chest of hardwood stained and varnished; brass hand grip on side, brass catches; dovetail corners. All tools are made for actual use and will do the work for which they are intended. Complete with 64 page descriptive and illustrated carpentry manual. 21x8¼x3¼ inches.

1 Triangle
1—Brace
1—Soldering Iron
1 Rule
1 Mitre Box
1—Carpenter's Pencil
1—Scroll Saw
1—Pair Dividers
1—Bar Solder
1—Screw Driver
1—Drill
1 T Square
1—Steel Try Square
1—Hand Saw
1—Scratch Gauge
1—Hammer

Per Doz
No. M707—Cabinet and 16 tools as described above..... 90 00
Six in carton; wt per doz 84 lbs. *$42 00*

Carpenter type chest of hardwood stained and varnished; brass hand grips on side; brass catches; dovetail corners. All tools are made for actual use and will do the work for which they are intended. Complete with 64 page descriptive and illustrated carpentry manual. 21½x8¼x4⅛ inches.

1—Mitre Box
1—Rule
1—Clamp
1—Carpenter's Pencil
1—Steel Try Square
1 Awl
1 Plane
1—Soldering Iron
1—Wooden Mallet
1—Carpentry book
1—Hand Saw
1—Pair Dividers
1—Hammer
1—Triangle
1—Medium Screw Driver
1—Large Screw Driver
1—Scroll Saw
1—Scratch Gauge
1—T Square
1—Small Screw Driver
1—¼ Inch Chisel
1—Bit Brace

Per Doz
No. M765—Cabinet and 22 tools as described above ... 132 00
One set in case, 4 cases in carton; wt per doz, 150 lbs. *$60 00*

JUVENILE TOOL CHEST

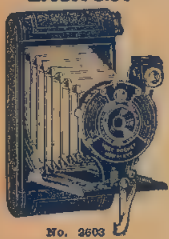
BIG BOY, DAD'S SIZE

Hinged top, hardwood chest enameled red. Fitted with brass hand grips on sides, corner braces and catches. All tools are made for actual use and will do the work for which they are intended. Set contains 2 illustrated home work manuals. Size cabinet 22½x10¾x5¾ inches

1—File
1—Soldering Iron
1—Hand Gimlet
1—Pair Dividers
1—T Square
1—Metal Level
1—Plane
1—Carpenters Pencil
1—No. 2. Gimlet Bit
1—Brace
1—Large Mallet
1—16 inch Cross Cut Saw
1—Nail Set
1—Home work Shop Book
1—Scroll Saw
1—Mitre Box
1—¼ inch Chisel
1—½ inch Chisel
1—1 inch Chisel
1—Small Screw Driver
1—Scratch Gauge
1—Bottle LePages Glue
1—Pair Snips
1—Awl
1—Metal Square
1—Inch Auger Bit
1—Hammer
1—Plan Book

Per Set
No. M780—Cabinet and 26 tools as described above ... 22 50
Three in carton; wt per set 19 lbs. *$10 00*

VEST POCKET HAWKEYE EACH 3.30



No. 2603

No. 2603 VEST POCKET HAWKEYE CAMERA. One of the Eastman dependable cameras made for pictures size 1⅝x2½ in. It is the smallest camera ever offered. Covered with fine imitation leather. Has carefully tested lenses, with automatic shutter for snap shots or time exposure. Nice enlargements can be made from these pictures. Uses Kodak film No. 127.

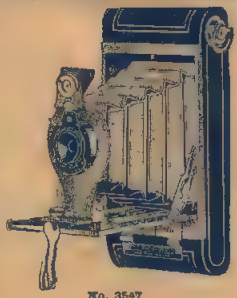
Price Each 3.30

COLORED HAWKEYE CAMERAS. Same cameras as above but in colors—blue, green, maroon, etc. Each..... 3.50

No. 3547 FOLDING ROLL FILM HAWKEYE CAMERA. Eastman Model C No. 2. Takes pictures size 2¼x3¼ in. Uses Kodak film No. 120. Very durable instrument made for real service. With carefully tested lenses and automatic shutter adjustable to either snap or time exposure. The focus is fixed. Just aim the camera and shoot. Metal box covered with imitation leather in black lacquer and nickel.

Price Each 3.95

No. 3547½ As above. In Colors. Each 3.95

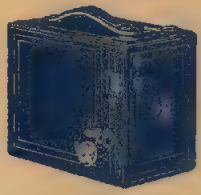


No. 3547

EASTMAN HAWKEYE ROLL FILM BOX CAMERAS

No. 3550 BOX ROLL FILM HAWKEYE CAMERA. Eastman Model C No. 2. Furnished in assorted colors. The most dependable and inexpensive camera yet offered—so far has broken all sales records. Has carefully tested lenses, automatic shutter for snap shots; Universal focus, insuring good pictures in the hands of a beginner. Takes pictures size 2¼x3¼. Uses Kodak film No. 120.

Price Each ..... .80



No. 3548

BOX ROLL FILM HAWKEYE CAMERAS. Tans are sturdy models that appeal to youngsters as well as the grown-ups. Made very simple but durable. Carefully tested lenses, automatic shutters for either time or snap shots. Fitted with 2 finders for horizontal or vertical pictures. Metal boxes covered with imitation leather fittings trimmed in nickel.

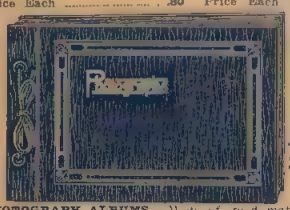
No. 3548 BOX ROLL FILM HAWKEYE CAMERA. Eastman Model B No. 2. Takes pictures size 2¼x3¼. Uses Kodak film No. 120

Price Each 1.35

No. 3549

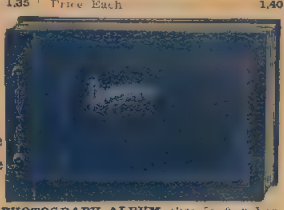
No. 3549 BOX ROLL FILM HAWKEYE CAMERA. Eastman Model B No. 2A. Takes pictures size 2½x4⅛ in. Uses Kodak film No. 116

Price Each 1.40



Photograph Albums

As Staple Sellers As the Cameras



PHOTOGRAPH ALBUMS. Made of good material, durable and very attractive. A real value for the money in this grade of albums. Can also be used for clipping and pasting in of records.

No. 3628 Size 5½x7. 25 leaves in book.
Per Dozen 2.50

No. 3629 Size 7x10 25 leaves in book.
Per Dozen 3.50

PHOTOGRAPH ALBUMS. Made of genuine leather, in Walrus grain, with real gold stamping. 50 black leaves with tube expansion, black cord tied. Individually boxed. It is an album of unusually fine quality for the price.

No. 3630 Size 7x10 Each..... 1.05
No. 3631 Size 10x12 Each..... 1.55
No. 3632 Size 11x14 Each..... 2.00

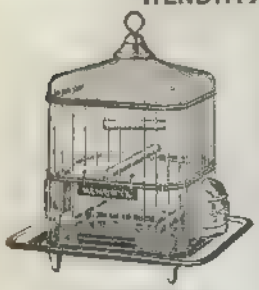
No. 3627 PHOTOGRAPH ALBUM. Size 7x10 in. Vermbo, black leaves. Attractive cover with gold stamping in assorted colors. Fancy cord tied. Assorted colors 6 in a package. Each in individual box. Per Each ..... .50

PHOTOGRAPH ALBUMS. Made of green kraft with the word "Photographs" embossed in raised letters and richly colored with antique gold and then colored with a Morish, thus giving the cover an antique 2 tone effect. Very fine looking book. 50 leaves, fancy cord hinge tied. Nothing like it in the market at the price.

No. 3633 Size 7x10. Each ..... .85
No. 3634 Size 10x12. Each 1.25
No. 3635 Size 11x14. Each 1.80

BIRD CAGES

HENDRYX WHITE ENAMELED



(No 161)

17 gauge wire; cross bands made in the form of oblong tubes with holes in top and bottom for the wires to pass through, and by passing each wire through two holes in each cross band; sliding doors and removable bases with legs. Complete with three perches, 2 clear glass cups, 1 swing and brass top piece. Each

No. 161—Body 8⅝x8⅝x13½ ins; wt each 3 lbs $6 60

No. 068—Body 12¼x8⅛x14⅜ ins; wt each 3 lbs 7 95

Packed loose.

ASSORTMENTS

(No 068)

Assortment consists of one each of the following:

Square Cages.

No. 160—8x8x12¾ ins

No. 161—8⅝x8⅝x13½ ins

No. 162—9¼x9¼x14⅛ ins

Oblong Cages.

No. 066—10¾x6⅞x13⅝ ins

No. 067—11x7½x13⅞ ins

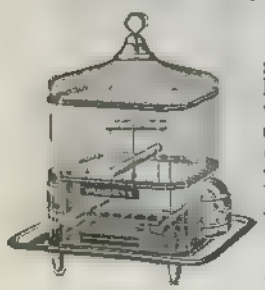
No. 068—12¼x8⅛x14⅜ ins Per Ass't

No. 0150—Ass't, 6 cages $37 80

(Sold in full assortments only).

One ass't in carton; nested; wt per ass't about 17 lbs.

HENDRYX WHITE ENAMELED

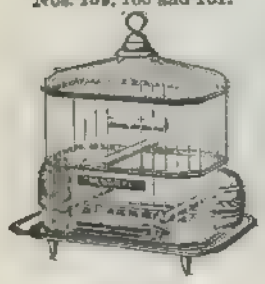


Plain Square Cages. Nos. 159, 160 and 161.

17 gauge iron wire; cross-bands made in the form of oblong tubes, with holes in the top and bottom for the wires to pass through, and by passing each wire through two holes in each cross-band a firm hold is given to the wires. Sliding doors and removable base with legs. Each cage complete with 3 perches, 2 clear glass cups and 1 swing.

Assortment consists of the following numbers:

Nos.	159	160
Body, ins.	7⅜x7⅜	8x8
Height, ins.	12¼	12¾
Nos.	**161**	**02**
Body, ins.	8⅝x8⅝	8⅝x5⅝
Height, ins.	13½	12¼
Nos.	**165**	**166**
Body, ins.	9¾x6¼	10¾x6⅞
Height, ins.	12⅜	13⅝



Plain Oblong Cages. Nos. 02, 165 and 166.

Per Ass't

No. 300—Ass't, 6 cages $29 25

(Sold in full assortments only).

One ass't in carton; nested; wt per ass't 25 lbs.

HENDRYX BRASS

Spring brass wire, riveted to three brass rails. Brass base with self-locking catches; fine mesh brass wire guard; self closing door. Removable white enameled gravel pan. Each cage complete with three perches, two opal glass seed cups and one swing.

Nos.	274	275	276
Diam body, ins.	10⅛	11	11¾
Height, ins.	15⅛	15⅝	17¼
Wt each, lbs.	3½	4	4½
Each	$7 95	9 00	10 05

Packed loose.

ASSORTMENTS

Per Ass't

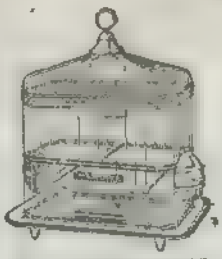
Nos. 274-5-6—Consists of 1 each Nos. 274, 275 and 276 cages as described above $18 00

Nested; wt per ass't 17 lbs.

BIRD CAGES

ASSORTMENTS

Brass and Japanned.



Nos. 065, 066 and 067.

17 gauge iron wire; crossbands made in the form of oblong tubes, with holes in the top and bottom for the wires to pass through, and by passing each wire through two holes in each cross band a firm hold is given to the wires. Sliding doors and removable base with legs; each cage complete with 3 perches, 2 clear glass cups and 1 swing.

Nos. 5002, 5004 and 5006

17 gauge brass wire, riveted to three brass metal cross-rails and clinched to top of ring under cap; self closing spring doors and removable brass bases with legs. Each cage complete with 3 wood perches, 2 opal cups and 1 swing.

Assortment consists of the following numbers:

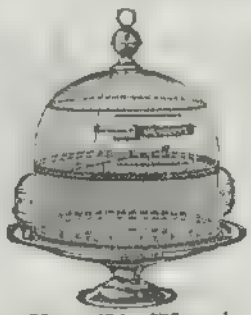
	Enameled			Brass		
Nos.	**065**	**066**	**067**	**5002**	**5004**	**5006**
Body, ins.	9¾x6¼	10¾x6⅞	11x7½	8⅞x5⅞	9½x6⅞	10x7
Ht, ins.	12⅜	13⅝	13⅞	11⅜	11½	11¾

Per Ass't

No. 405—Ass't, 6 cages, 3 japanned, 3 brass $36 00

(Sold in full assortments only).

One ass't in case; nested; wt per ass't 18 lbs.



(Nos. 274, 275 and 276 Bright Brass finish.)

Assortment contains 6 brass cages, 3 round bright brass cages with foot piece and 3 round brass cages finished in DuPont Duco, assorted colors. Both styles made of spring brass wires riveted to three cross rails, brass top pieces and bases, removable white enameled mat. Each equipped with three perches, swing, two seed cups and brass wire seed guard.

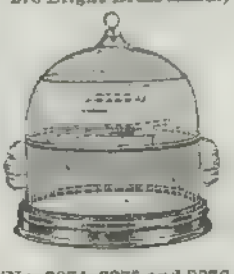
Assortment consists of 6 cages assorted sizes and finishes as follow:

Bright Brass Finish.

1—No. 274 Diam 10⅛ ins; ht 15⅜ ins

1—No. 275 Diam 11 ins; ht 15⅝ ins.

1—No. 276 Diam 11¾ ins; ht 17¼ ins.



(No. 2274, 2275 and 2276 Brass DuPont Duco finish.)

Duco Finish.

1—No. 2274, Blue and gold finish; diameter 10⅛ ins; height 13 ins.

1—No. 2275, Chinese red and black finish; diameter 11 ins; height 13¾ ins.

1—No. 2276, Green and black finish; diam 11¾ ins; ht 14¾ ins.

Per Ass't

No. 2274-5-6—Ass't complete as described $55 50

One ass't in carton; weight per ass't 27 lbs.

Duco Finish. Each

No. 2274—Blue and gold finish; diam 10⅛ ins; height 13 ins; wt each 5 lbs. $10 50

No. 2275—Chinese red and black finish; diam 11 ins; height 13¾ ins; wt each 6½ lbs. 11 25

No. 2276—Green and black finish; diam 11¾ ins; height 14¾ ins; wt each 7½ lbs. 12 75

One in carton.

BIRD CAGE ASSORTMENTS

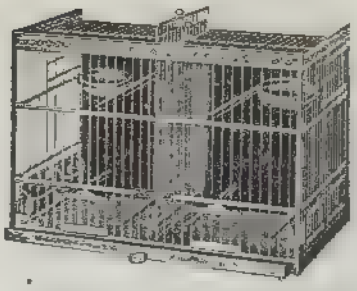
Duco Finish. Per Ass't

No. 74-5-6—Ass't consist of 3 cages 1 No. 2274, No. 2275 and 1 No. 2276 as described above $30 75

One ass't in carton; wt per ass't 12 lbs.

BIRD CAGES

HENDRYX, WHITE ENAMELED



17 gauge wire, solid metal back. One solid and one wire partition in each cage. Removable metal drawer. Each cage complete with two wire nests, six perches and four seed and water cups. Being constructed entirely of metal these breeding cages are easily kept free of vermin.

Assortment consists of one each of the following numbers:

Nos.	86S	86	87
Size body, ins	17¼x8¾	19½x10	22x11
Height, ins	12⅛	13⅛	14¾
Each	$13 50	15 75	18 00

Per Ass't

No. S8667—Ass't of 3 cages $42 60

One ass't in case; nested; wt per ass't 45 lbs.

PARROT CAGES

No. 12 gauge wire, riveted to tinned rails. Complete with 1 maple perch, 1 swing and two tinned cast iron cups.

	Tin Base	Zinc Base
Nos.	21	22
Diam body, ins	13	15½
Height, ins	21¼	24
Wt each, lbs	4	9
Each	$14 25	21 00

Packed loose.

BIRD CAGE STANDS

HENDRYX

Upright hanger and base cover made of brass, highly polished. Inside steel tubing upright, threaded at both ends; screws into heavy base casting and receives the hanger at its upper end.

Each

No. 18B—Height over all 67 ins $7 50

One in carton; wt each 12 lbs.

Cast iron ornamental base. Solid steel upright and arch. Height over all 65 inches. Diameter base 10 inches.

Each

No. 57CRB—Red and black duco finish. $5 55

No. 57PB—Green and black duco finish .. 5 55

No. 57BG—Blue and gold duco finish 5 55

Packed loose, K. D wt each 12 lbs.

BIRD CAGE STANDS

HENDRYX

Heavily weighted base. Can be easily taken apart when not in use.

Each

No. 2—Competitive—Polished brass moon, black enameled base and stem, diam base 10 inches; size moon 26x19 ins; height 64 ins $7 20

No. 01001—Hendryx—Polished brass throughout; diam base 10 ins; size moon 26x19 ins; height 64 ins ... 10 20

One in carton; wt each 10 lbs.

SPECIAL

Heavy ornamental cast metal base. Easily taken apart when not in use. Height over all 64 inches.

Each

No. 1—Polished brass arm and center spindle, black enameled stem and base. $6 60

One in carton, K. D; wt each 10 lbs.

BIRD CAGES AND STANDS

HENDRYX

BILTMORE DESIGN

Spring brass wire; brass top and bowl type base with removable white enameled metal bowl with concealed feed and water cup holders to prevent scattering seed and water. Complete with small spring to match cage, 2 opal glass seed cups, 1 round wood swing and 1 perch. Diameter 11 inches; height over all 17 inches.

Each

No. 2110PGB—Pea green and black duco finish ... $36 00

One in carton; wt each 10 lbs.

STAND ONLY. Brass tubing upright and arch; cast iron weighted base with polished brass cover. Height over all 65 inches.

Matches cage 2110PGB.

Price does not include cage.

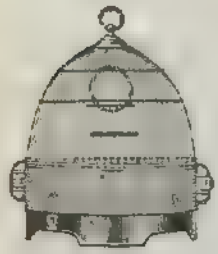
Each

No. 25PGB—Pea green and black duco finish $16 50

One in carton; wt each 13 lbs.

BIRD CAGES AND STANDS

HENDRYX



Spring brass wire; brass top piece, seed guard and base with removable white enameled metal mat. Complete with round wood swing, 3 perches, and 2 glass seed cups duco finished to match cage. Diameter 12½ inches; height over all 16½ inches.

	Each
No. 2025FGG—Forest green and gold duco finish	$28 50
No. 2025SG—Scarlet and gold duco finish	28 50
No. 2025SB—Salmon and blue duco finish	28 00

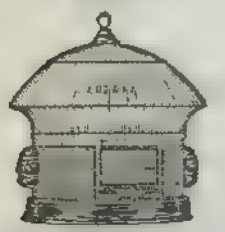
One in carton; wt each 12 lbs.

STAND ONLY. Full moon type. Brass tubing upright and arch; weighted cast iron base with brass cover; height over all 65 inches.

Price does not include cage.

	Each
No. 24FGG—Forest green and gold duco enameled finish. Matches cage 2025 FGG	$18 75
No. 24SG—Scarlet and gold duco enameled finish. Matches cage 2025 SG	18 75
No. 24SB—Salmon and blue duco enameled finish. Matches cage 2025SB	18 75

One in carton; wt each 13 lbs.



Spring brass wire; brass top piece, seed guard, middle band and base with removable white enameled metal mat. Self locking base hooks. Complete with swing, 3 perches and 2 glass seed cups duco finished to match cage. Diameter 11 inches; height over all 15 inches.

	Each
No. 250PG2T—Green two tone duco finish with polished brass top piece, middle band and base	$20 55
No. 250B2T—Bermuda (blue) two tone duco finish with polished brass top piece, middle band and base	20 55
No. 250CR2T—Red two tone duco finish with polished brass top piece, middle band and base	20 55
No. 250NB2T Blue two tone duco finish with polished brass top piece, middle band and base	20 55

One in carton; wt each 10 lbs.

STAND ONLY. Brass tubing uprights, solid brass arch and center ferrule. Weighted cast iron base with polished brass cover. Height over all 65 inches.

Price does not include cage.

	Each
No. 29PG2T—Pea green duco finish upright and base, polished brass arch, center ferrule and base. Matches cage 250PG2T	$7 95
No. 29B2T—Bermuda duco finish stem and base, polished brass arch, center ferrule and base. Matches cage 250B2T	7 95
No. 29CR2T—Chinese red duco stem and base, polished brass arch, center ferrule and base. Matches cage 250CR2T	7 95
No. 29NB2T—National blue duco finish stem and base, polished brass arch, center ferrule and base. Matches cage 250NB2T	7 95

One in carton; wt each 12 lbs.

BIRD CAGES

HENDRYX

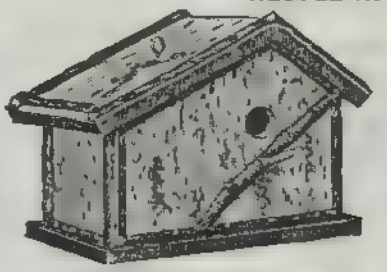
Spring brass wire; fine mesh brass wire seed guard that fits around cups and under self-closing door; removable brass base with locking hooks. With swing, perches, white enameled mat and two glass cups. Diam 10 ins; height over all 17⅜ ins.

	Each
No. 2030PGB—Pea green and black duco finish	$19 95
No. 2030BG—Bermuda and gold duco finish	19 95
No. 2030CRB—Chinese red and black duco finish	19 95
No. 2030SD—Satin brass dip finish	15 75

One in carton; wt each 12 lbs.

WREN HOUSE ASSORTMENTS

NESTLE-IN



(No. 110 Shanty Type)

(No. 107 Log Type.)

(No. 115 Circle Top Type.)

(No. 108 Long Oval Type.)

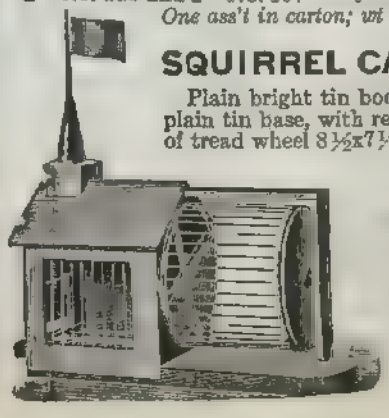
Select pine frame covered with genuine birch bark waterproof veneers put on under heavy pressure with waterproof glue. Finished with willow strips. Exposed parts stained with pine linseed oil and Van Dyke Brown. Equipped with screw eye hangers, clean out opening in base and forked perch under entrance. Constructed to withstand weather exposure.

Consists of 6 houses, assorted styles and sizes	Each
No. 110—Size 8x6x6¼ inches	$4 05
No. 107—Size 7x5 inches	3 30
No. 115—Size 5⅜x5 inches	2 85
No. 108—Size 8½x6¾ inches	3 90
No. H6—Ass't consists of: 1—No. 110, 1—No. 108, 2—No. 115 and 2—No. 107	Per Ass't $18 75

One ass't in carton; wt per ass't 8 lbs

SQUIRREL CAGES

Plain bright tin body, with tin tread wheel; plain tin base, with removable waste tray; size of tread wheel 8½x7½ inches.



	Each
No. 2—Body 9¼x8½ ins; height to top of cage 11 ins; base 8½x18½ ins.	$20 55

Packed loose; wt each 6 lbs.

ICE CREAM FREEZERS

REGAL

All Metal. Single Action.

Galvanized tub, retinned can.

No. 90. Size 2 quarts. Ship. wt. doz. 42 lbs. .....Dozen **$15 00**

Six in a case.

AUTO VACUUM

For Picnics, Excursions, Etc.

Freezes without turning a crank—just put in the cream to be frozen and the ice, and let stand—in half an hour the ice cream is ready to serve, and it will keep for hours without melting as the dead air space between the walls acts like a vacuum.

Quarts	1	2	3	4
Wt. each, lbs..	4	6	8	12
Each $5 00		6 00	8 00	10 00

ARCTIC

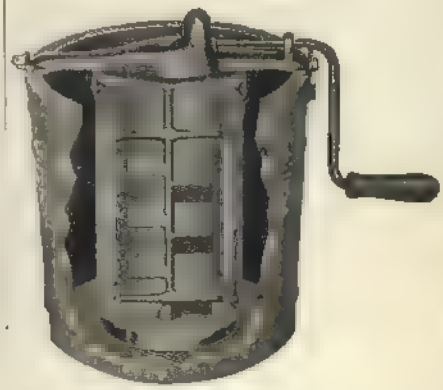
Single Action.

The can turns while the beater remains stationary. The tub is carefully made of selected stock, is water tight and securely bound with wire hoops. The can is made of copper steel charcoal tin plate, with a tin-plated cast iron cover. The beater is of cast iron, tin-plated, and fitted with double self-adjusting wood scraping bars. All outside castings galvanized.

Qts.	2	3
Wt. each, lbs.	9	10½
Each $4 60		5 55

Qts	4	6	8
Wt. each, lbs.	12	17	20
Each	$6 80	8 60	11 00

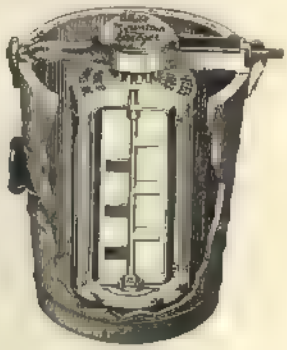
POLLYANNA



A special, low priced freezer to meet a popular demand. White pine tub, two electric welded wire hoops, all outside castings galvanized; can made of copper bearing steel, tin plated.

Pollyanna. Two quart. Ship. wt. carton of six, 40 lbs. .....Each **$2 50**

WHITE MOUNTAIN



Triple Motion.

The tubs are built to correct height and diameter resulting in minimum ice consumption; cans are made of copper steel charcoal tin plate and are of corresponding height, insuring quick freezing. Can covers are of cast iron with accurate gear teeth. The special patented new form of beater retains the famous Triple Motion, an original and exclusive feature of White Mountain Freezers. The new top frame construction eliminating all complicated gear mechanism makes a remarkably smooth and easy operating freezer.

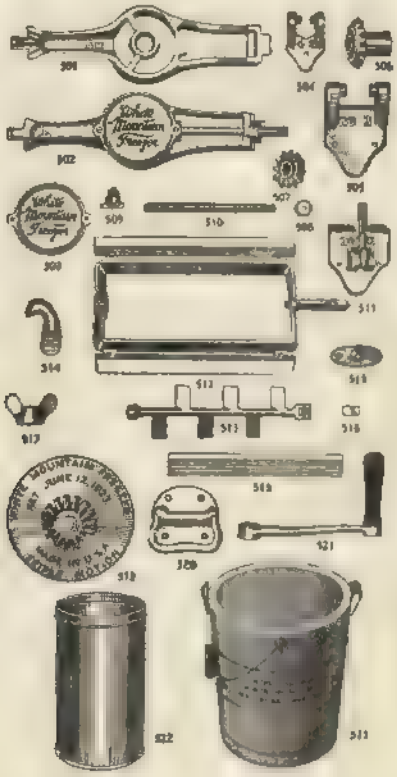
Qts.	1	2	3
Wt. each, lbs.	6	9	11
Each $4 85		5 65	6 75

Qts.	4	6	8
Wt. each, lbs.	13	19	22
Each $8 25		10 45	13 50

Hotel-Confectioners'. With Fly Wheel.

Qts.	10	12	15	20
Wt. ea., lbs..	35	61	67	85
Each $21 50		27 55	31 60	40 60

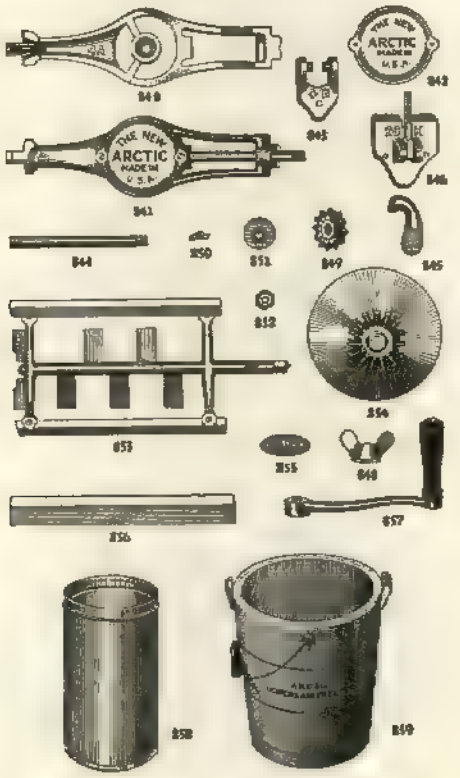
REPAIRS FOR WHITE MOUNTAIN ICE CREAM FREEZERS



No		Pat Let	QUARTS 1	2	3	4	6	8	10	12	15	20	25
501	Gear case, blank	M	$0 60	1 05	1 15	1 30	2 20	2 50	2 80	4 75	5 10	5 30	6 70
502	Gear case, complete with all parts	..	1 60	2 50	2 65	2 80	4 70	5 00	5 45	9 85	10 40	10 95	14 10
503	Cap for gear case	L	18	34	34	34	68	68	68	1 05	1 05	1 18	1 18
504	Small tub ear on side next to crank	B	22	38	38	38	48	48	48	.....	.....	.....	.....
505	Large tub ear (12 to 25 qts only)	B	.....	.....	.....	.....	.....	.....	.....	1 50	1 50	1 70	1 70
506	Upper gear with square hole for dasher stem	D	28	50	50	50	1 04	1 04	1 04	1 70	1 70	2 20	2 20
507	Pinion gear at end of crank shaft	T	20	34	34	34	58	58	58	1 02	1 02	1 36	1 36
508	Small nut on crank end of driving shaft (12 to 25 qts. only(	..	.....	.....	.....	.....	.....	.....	.....	14	14	14	14
509	Dasher support inside of can	..	18	22	22	22	28	28	28	.....	.....	.....	.....
510	Driving shaft	..	20	22	28	34	50	56	64	1 02	1 10	1 22	1 68
511	Large tub latch with special bolt on side opposite crank (12 to 25 qts. only)	K	.....	.....	.....	.....	.....	.....	.....	1 20	1 20	1 30	1 30
511½	Special bolt only, for large tub latch (see No. 511)	..	.....	.....	.....	.....	.....	.....	.....	40	40	40	40
512	Outer mixer with wood scrapers	H	52	70	88	1 06	1 48	1 76	2 30	2 65	2 82	3 70	4 58
513	Inner mixer	F	36	42	52	64	78	98	1 42	1 94	2 12	2 46	3 52
514	Small tub hook opposite side from crank	..	14	18	18	18	18	18	18	.....	.....	.....	.....
515	Iron centerpiece in bottom of tub	U	14	18	18	18	18	18	18	30	30	36	36
516	Can lug soldered to inside at top of can	..	10	14	14	14	14	14	14	18	18	22	22
517	Wing nut for latch bolt (12 to 25 qts. only)	..	.....	.....	.....	.....	.....	.....	.....	22	22	22	22
518	Wooden scraper bar	..	10	14	14	14	18	18	18	28	28	42	42
519	Lid or can cover, iron as used in freezer	X	60	75	80	1 00	1 10	1 40	2 12	3 28	3 36	3 58	4 20
519½	Lid or can cover, tin as used for packing (not illustrated)	..	60	75	80	1 00	1 10	1 40	1 50	1 80	2 20	2 50	3 50
520	Drop handle, complete for tub (10 to 25 qts only)	..	.....	.....	.....	.....	.....	.....	50	50	50	65	65
521	Crank	..	34	50	65	65	84	84	84	1 72	1 72	1 98	1 98
522	Can, less lid (Freezer cans, less lids, will be shipped on all orders not otherwise specified)	..	72	1 18	1 32	1 60	2 26	2 80	3 98	5 72	6 26	7 76	10 30
523	Tub with fittings	..	1 24	1 94	2 30	2 74	3 24	4 02	5 70	6 42	7 44	9 30	11 90
524	Can bottom, cast iron (12 to 25 qts. only) not illustrated	W	.....	.....	.....	.....	.....	.....	.....	2 50	2 70	2 96	3 19

Note: Give pattern letter on casting and figure or figures before it, also catalog number with name of part and size of freezer and specify for New Design White Mountain freezer.

REPAIRS FOR ARCTIC ICE CREAM FREEZERS



No.		Pat. Letter	QUARTS 1	2	3	4	6	8	10	12	15	20
840	Gear case, blank	A	$0 60	80	95	1 10	1 50	1 60	2 30	3 25	3 55	4 70
841	Gear case, complete with all parts	....	1 15	1 30	1 50	1 60	2 05	2 35	3 00	5 00	5 90	7 75
842	Cap for gear case	V	18	34	34	34	68	68	68	1 05	1 05	1 18
843	Tub ear on side next to crank	B	22	38	38	38	48	48	48	1 50	1 50	1 70
844	Driving shaft	.....	20	22	28	34	50	56	64	1 02	1 10	1 22
845	Small tub hook opposite side from crank	.....	14	18	18	18	18	18	18	....	.....	.....
846	Large tub latch with special bolt on opposite side from crank (12 to 20 qts. only)	K	.....	...	....	....	....	....	....	1 20	1 20	1 30
847	Special bolt for large tub latch (12 to 20 qts. only) see No. 846		.....	.....	.....	.....	.....	.....	.....	40	40	40
848	Wing nut for latch bolt (12 to 20 qts. only)	.....	.....	.....	.....	.....	.....	.....	.....	22	22	22
849	Pinion gear at end of crank shaft	T	20	34	34	34	58	58	58	1 02	1 02	1 36
850	Can lug soldered to inside of top of can	....	10	14	14	14	14	14	14	18	18	22
851	Dasher support inside of can	.....	18	22	22	22	28	28	28	....	.....	.....
852	Small nut on crank end of driving shaft (12 to 20 qts. Only	.....	.....	.....	.....	.....	.....	.....	.....	14	14	14
853	Mixer complete with wood scrapers	R	32	50	68	86	96	1 10	1 58	2 58	2 70	4 16
854	Lid or can cover	Y	60	75	80	1 00	1 10	1 40	2 12	3 28	3 36	3 58
855	Iron centerpiece in bottom of tub	U	14	18	18	18	18	18	18	30	30	36
856	Wooden scraper bar	.....	10	14	14	14	18	18	18	28	28	42
857	Crank	...	34	50	65	65	84	84	84	1 72	1 72	1 98
858	Can less lid	..	72	1 18	1 32	1 60	2 26	2 80	3 98	5 72	6 26	7 76
859	Tub with fittings	....	1 24	1 94	2 30	2 74	3 24	4 02	5 70	6 42	7 44	9 30
860	Can bottom, cast iron (12 to 20 qts. only) not illustrated	P	.....	....	....	....	....	.. .	....	2 50	2 70	2 96

Note: In all instances possible give the pattern letter on casting and the figure or figures before it, also the registered catalog number with description of part and size of freezer for which part is wanted and state that same is for the New Design Arctic Freezer.

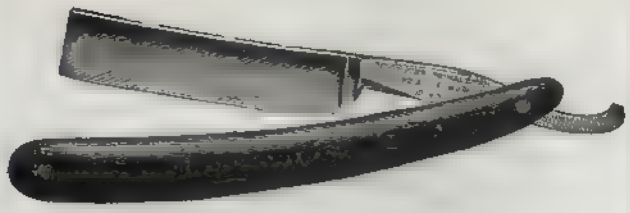
RAZORS
—JOHN PRIMBLE—

Hollow Ground, Patent Stag.

Crocus polished. Enclosed in a gold lettered folding leather case.

	Per Doz
No. 1021—⅝ in. blade; oval point	$57 00

One in gold lettered leather folding case; wt per doz 1¾ lbs.



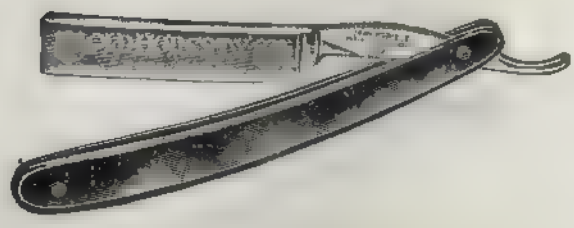
Plain blade, glazed.

Hollow Ground. Rubber Handle.

	Per Doz
No. 1004SP-½—½ in. blade; square point	$37 50
No. 1004SP-⅝—⅝ in. blade; square point	37 50
No. 1004RP-½—½ in. blade; round point	37 50
No. 1004RP-⅝—⅝ in. blade; round point	37 50

One in box; wt per doz 1¾ lbs.

—OLD HONESTY—



This razor is made from the very best steel and by the most skillful mechanics in the art of razor manufacturing.

	Per Doz
No. 1091⅝SP—Rubber handle; ⅝ in. blade, square point	$66 00
No. 1091⅝RP—Rubber handle; ⅝ in. blade; round point	66 00

One in box; wt per doz 1¾ lbs.

RAZORS
—GOLDEN PRIMBLE—

Extra fine blade, hollow ground, damascene (frosted) etching. Steel tang, gold plated; golden amber handle.

	Per Doz
No. 1100-9/16S—9/16 in. blade; square point	$75 00
No. 1100-9/16R—9/16 in. blade; round point	75 00
No. 1100-⅝S—⅝ in. blade; square point	75 00
No. 1100-⅝R—⅝ in. blade; round point	75 00

One in box; wt per doz 1¾ lbs.

—BLUE GRASS—

Steel Tang. Regulation weight. Flat rubber handle, all steel tang.

	Per Doz
No. BG1030-½—½ in. blade; square point	$63 00
No. BG1030-⅝—⅝ in. blade; square point	63 00
No. BG1030-¾—¾ in. blade; square point	63 00

One in box; wt per doz 1¾ lbs.

—BLUE GRASS—

Steel Tang. Regulation weight, flat rubber handle, all steel tang.

	Per Doz
No. BG1032-½—½ in. blade; round point	$63 00
No. BG1032-⅝—⅝ in. blade; round point	63 00
No. BG1032-¾—¾ in. blade; round point	63 00

One in box.

RAZORS
GENCO

Barber (Bullet) Point. Honed Point. Round Point.

THIRTY-FIVE

Hollow Ground, Half Concave.

Finely polished blade; flat black rubberoid handle with beveled edges.

		Per Doz
No. TF9/16H—9/16 in. blade; square point	41 40	*$32 00*
No. TF9/16R—9/16 in. blade; round point	41 40	*32 00*
No. TF5/8H—5/8 in. blade; square point	41 40	*32 00*
No. TF5/8R—5/8 in. blade; round point	41 40	*32 00*

One in box.

"HEAD BARBER"

Hollow Ground, Full Concave.

Plain blade, highly polished; with crocus back and tang; imitation oak handle. An exceptionally well ground razor. Especially suitable for barbers.

		Per Doz
No. HB5/8B—5/8 in. blade; square point	63 00	*$50 00*
No. HB9/16B—9/16 in. blade; square point	63 00	*50 00*
No. HB5/8R—5/8 in. blade; round point	63 00	*50 00*
No. HB9/16R—9/16 in. blade; round point	63 00	*50 00*

One in box.

"MASTER BARBER"

Hollow Ground, Full Concave.

Plain blade, extra fine polish; with crocus back and tang; flat ivory handle, with beveled edges and square ends.

		Per Doz
No. MB9/16B—9/16 in. blade; square point	63 00	*$50 00*
No. MB5/8B—5/8 in. blade; square point	63 00	*50 00*
No. MB9/16R—9/16 in. blade; round point	63 00	*50 00*
No. MB5/8R—5/8 in. blade; round point	63 00	*50 00*

One in box.

RAZORS
GENCO
"VANADIUM"

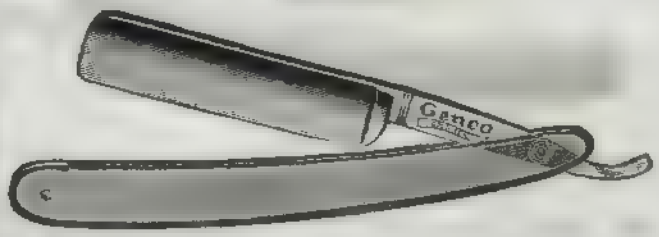
Hollow Ground, Full Concave.

Plain blade, extra fine polished; imitation tortoise shell handle. This razor has been a trade favorite for many years, and is recommended when a tough and lasting edge is desired.

		Per Doz
No. V5/8B—5/8 in. blade; square point	63 00	*$50 00*
No. V9/16B—9/16 in. blade; square point	63 00	*50 00*
No. V5/8B—5/8 in. blade; round point	63 00	*50 00*
No. V9/16R—9/16 in. blade; round point	63 00	*50 00*

One in box.

"GOLD SEAL"



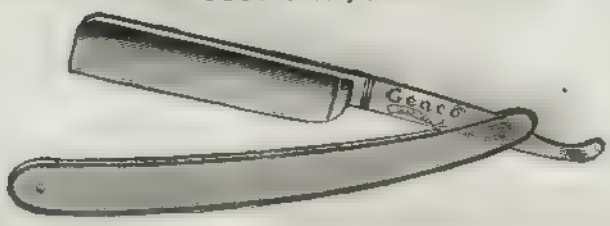
Hollow Ground, Extra Concave.

Extra fine polished blade with back and tang heavily gold plated; transparent amber handle. One of the most popular styles in the entire Genco line.

		Per Doz
No. GS9/16-B—9/16 in. blade; square point	75 00	*$60 00*
No. GS5/8-B—5/8 in. blade; square point	75 00	*60 00*
No. GS9/16R—9/16 in. blade; round point	75 00	*60 00*
No. GS5/8R—5/8 in. blade; round point	75 00	*60 00*

One in box.

"GOLD SEAL, JR"



Hollow Ground, Extra Concave.

Extra fine polished blade with back and tang heavily gold plated; transparent amber handle. Razor only 3/4 size, designed to give the particular barber a light weight under sized blade. Cutting edge 2 5/8 inches.

		Per Doz
No. GSJR9/16-B—9/16 in. blade; square point	25 00	
One in box.		*$60 00*

RAZORS

GENCO

FORGE MARK

Hollow Ground, Full Concave.

Extra fine polished blade; heavy vulcanized black rubber handle. As the name implies the unfinished marks of the hammers used in forging are purposely left on tang and is then finished dark gun metal.

	Per Doz	
No. FM5/8-B—5/8 in blade; (Bullet or square point)	75 00	
One in box.		*$60 00*

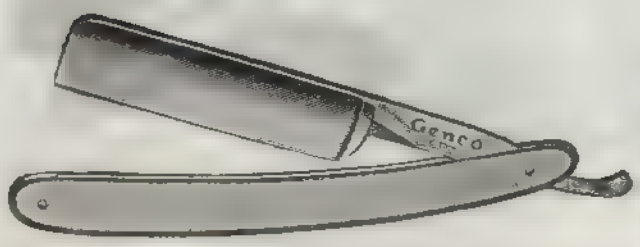
OLD DUTCH

Hollow Ground, Extra Concave with Stiff Bevel.

Genco mirror blue finish blade with crocus back and tang; oval oak handle, with square ends and metal ornaments.

	Per Doz	
No. OD9/16-B—9/16 in. blade; square point	75 00	*$60 00*
No. OD9/16-R—9/16 in. blade; round point	75 00	*60 00*
No. OD5/8-B—5/8 in blade; square point	75 00	*60 00*
No. OD5/8-R—5/8 in. blade; round point	75 00	*60 00*
One in box.		

"FLUID STEEL"



Hollow Ground, Full Concave.

Polished blade with crocus back and tang; white celluloid handle.

	Per Doz	
No. FS9/16-B—9/16 in. blade; square point	75 00	*$60 00*
No. FS5/8-B—5/8 in. blade; square point	75 00	*60 00*
No. FS9/16-R—9/16 in. blade; round point	75 00	*60 00*
No. FS5/8-R—5/8 in. blade; round point	75 00	*60 00*
One in box.		

RAZORS

GENCO

EXPERT

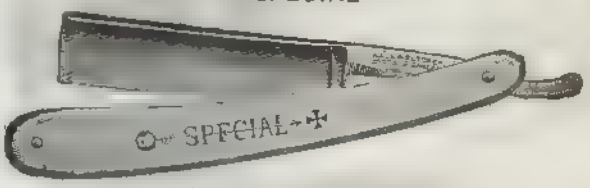
Hollow Ground, Extra Full Concave.

Extremely fine polished blade, highly colored; flat imitation ivory handle, with beveled edges and round ends.

	Per Doz	
No. E1/2SP—1/2 in. blade; square point	75 00	*$60 00*
No. E5/8SP—5/8 in. blade; square point	75 00	*60 00*
No. E1/2RP—1/2 in. blade; round point	75 00	*60 00*
No. E5/8RP—5/8 in. blade; round point	75 00	*60 00*
One in box.		

WADE AND BUTCHER

SPECIAL

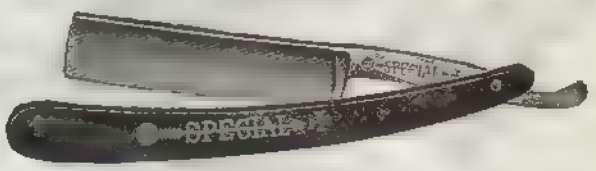


Full Hollow Ground.

Highest grade English razor steel, uniformly forged, hardened and tempered, carefully ground, honed and tested. Flat white celluloid handles, gold lettering.

	Per Doz
No. 25IC—5/8 in. blade; square point	$82 50
No. 25IC-RP—5/8 in. blade; round point	82 50
One in box.	

SPECIAL



Full Hollow Ground.

Highest grade English razor steel, uniformly forged, hardened and tempered, carefully ground, honed and tested. Flat black rubber handle, gold lettering.

	Per Doz
No. 25B—5/8 in. blade; square point	$76 50
No. 25B-RP—5/8 in. blade; round point	76 50
One in box.	

RAZOR HANDLES

FLAT PATTERN

	Each	Per Doz
No. 1—Black rubber, with rivets and washers	$0 45	4 50
Packed loose		

OVAL PATTERN

	Each	Per Doz
No. 2—Black rubber, with rivets and washers	$0 60	6 00
Packed loose.		

HORSE SHOES
JUNIATA

IN 100 LB. KEGS
KEGS WILL NOT BE BROKEN

Front, Each Size Separate.

Nos.	61F	62F	63F	64F	65F	66F
Size	1	2	3	4	5	6
Av. No. in keg	126	106	86	74	63	53

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

Hind, Each Size Separate.

Nos.	61H	62H	63H	64H	65H	66H
Size	1	2	3	4	5	6
Av. No. in keg	164	136	110	84	74	60

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

Front and Hind Assorted. Half front and half hind.

Nos.	61FH	62FH	63FH	64FH	65FH
Size	1	2	3	4	5

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

Hind Assorted.

Nos.	612H	623H	634H	645H	6123H	6234H	6345H
Size	1 & 2	2 & 3	3 & 4	4 & 5	1,2&3	2,3&4	3,4&5

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

Front, Each Size Separate.

Nos.	31F	32F	33F	34F	35F	36F
Size	1	2	3	4	5	6
Average No. in keg	114	94	80	64	55	44

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

Hind, Each Size Separate.

Nos.	31H	32H	33H	34H	35H	36H
Size	1	2	3	4	5	6
Average No. in keg	133	107	89	73	59	52

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

Front and Hind Assorted. Half Front and Half Hind.

Nos.	31FH	32FH	33FH	34FH	35FH	36FH

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

Hind Assorted.

Nos.	312H	323H	334H	345H	3123H	3234H	3345H
Size	1&2	2&3	3&4	4&5	1,2&3	2,3&4	3,4&5

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

HORSE SHOES
JUNIATA

Front, Each Size Separate.

Nos.	21F	22F	23F	24F	25F	26F
Size	1	2	3	4	5	6
Av. No. in keg	123	103	86	73	63	53

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

Hind, Each Size Separate.

Nos.	21H	22H	23H	24H	25H	26H
Size	1	2	3	4	5	6
Av. No. in keg	160	133	107	84	71	60

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

Front and Hind Assorted. Half front and half hind.

Nos.	21FH	22FH	23FH	24FH	25FH	26FH
Size	1	2	3	4	5	6

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

Hind Assorted.

Nos.	212H	223H	234H	245H	2123H	2234H	2345H
Size	1&2	2&3	3&4	4&5	1,2&3	2,3&4	3,4&5

Blacksmiths, Keg } Prices on Application.
Merchants, Keg }

Front, Each Size Separate.

Nos.	42F	43F	44F	45F	46F
Size	2	3	4	5	6
Av. No. in keg	103	86	73	63	53

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

Hind, Each Size Separate.

Nos.	41H	42H	43H	44H	45H	46H
Size	1	2	3	4	5	6
Av. No. in keg	160	133	107	84	71	60

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

Front and Hind Assorted. Half front and half hind.

Nos.	42FH	43FH	44FH	45FH	46FH
Size	2	3	4	5	6

Blacksmiths, Per Keg } Prices on Application.
Merchants, Per Keg }

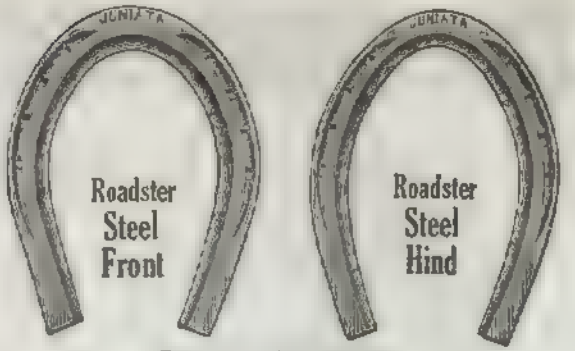
Hind Assorted.

Nos.	412H	423H	434H	445H	4123H	4234H	4345H
Size	1&2	2&3	3&4	4&5	1,2&3	2,3&	3,4&5

Blacksmiths, Keg } Prices on Application.
Merchants, Keg }

HORSE SHOES

JUNIATA



Prices on Application.

Front, Each Size Separate.

Nos.	51F	52F	53F	54F
Size	1	2	3	4
Average No. in keg	133	107	86	68
Blacksmiths, Per Keg				
Merchants, Per Keg.				

Hind, Each Size Separate.

Nos.	51H	52H	53H	54H
Size	1	2	3	4
Average No. in keg	152	128	100	82
Blacksmiths, Per Keg				
Merchants, Per Keg.				

Front and Hind, Assorted. Half front and half hind.

Nos.	51FH	52FH	53FH	54FH
Size	1	2	3	4
Blacksmiths, Per Keg				
Merchants, Per Keg.				

Hind Assorted.

Nos.	512H	523H	534H	5123H	6234H
Size	1 & 2	2 & 3	3 & 4	1, 2 & 3	2, 3 & 4
Blacksmiths, Per Keg					
Merchants, Per Keg.					

MULE SHOES

Prices on Application.

JUNIATA Each Size Separate.

Nos.	10M	11M	12M
Size	0	1	2
Av. No in keg	178	160	133
Blacksmiths, Per Keg			
Merchants, Per Keg.			

Nos.	13M	14M	15M
Size	3	4	5
Av. No in keg	107	80	70
Blacksmiths, Per Keg.			
Merchants, Per Keg..			

Assorted.

Nos.	112M	123M	134M	145M
Size	1 & 2	2 & 3	3 & 4	4 & 5
Blacksmiths, Per Keg				
Merchants, Per Keg				

Nos.	1123M	1234M
Size	1, 2 & 3	2, 3 & 4
Blacksmiths, Per Keg..		
Merchants, Per Keg.		

All above shoes 100 lbs in keg.

READY HORSE SHOES

JUNIATA

Pritcheled, punched and calked, ready for use.

Prices on Application.

Front, Each Size Separate.

Nos.	71F	72F	73F	74F	75F
Size	1	2	3	4	5
Average No. in keg	133	106	86	74	63
Blacksmith's, Per Keg					
Merchant's, Per Keg					

Hind, Each Size Separate.

Nos.	71H	72H	73H	74H	75H
Size	1	2	3	4	5
Average No. in keg	164	136	110	84	74
Blacksmith's, Per Keg					
Merchant's, Per Keg					

Hind Assorted.

Nos.	712H	723H	734H	7123H	7234H
Size	1 & 2	2 & 3	3 & 4	1, 2 & 3	2, 3 & 4
Blacksmiths, Per Keg					
Merchants, Per Keg					

READY MULE SHOES

Prices on Application.

JUNIATA Each Size Separate.

Pritcheled, punched and calked, ready for use.

Nos.	81M	82M
Size	1	2
Average No. in keg	156	139
Blacksmith's Per, Keg		
Merchant's Per, Keg.		

Nos.	83M	84M
Size	3	4
Average No. in keg	110	82
Blacksmith's, Per Keg		
Merchants, Per Keg.		

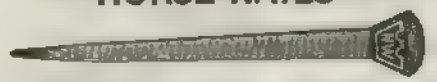
Assorted.

Nos.	812M	823M	834M	8123M	8234M
Size	1 & 2	2 & 3	3 & 4	1, 2 & 3	2, 3 & 4
Blacksmiths, Per Keg					
Merchants, Per Keg					

All above shoes 100 lbs in keg.

KEGS WILL NOT BE BROKEN

HORSE NAILS



NORTH-WESTERN

Fine grade iron. Has all the requisite driving and holding qualities.

Size Nos.	5	6	7	8	9
List price, Per Lb	$0 31	28	27	26	25
Regular Head.					
Nos.	715	716	717	718	719
Per Lb	$0 72	66	63	60	57
City Head.					
Nos.	725	726	727	728	729
Per Lb	$0 72	66	63	60	57

—BELCO—

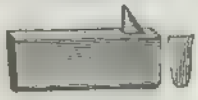
Good grade iron. Has all the requisite driving and holding qualties.

Size Nos.	5	6	7	8	9
Regular Head.					
Nos.	45B	46B	47B	48B	49B
Per Lb			$0 45		
City Head.					
Nos.	55B	56B	57B	58B	59B
Per Lb			$0 45		
Ice Head.					
Nos.	65B	66B	67B	68B	----
Per Lb			$0 45		

STEEL TOE CALKS

—BLUE GRASS—

Latest and most improved patterns. The spur is far enough from the end to avoid striking the crease and hard enough to insure driving into the shoe without bending.



Country Pattern.

Nos.	BG1	BG2	BG3	BG4	BG5	BG6
Size Nos.	1	2	3	4	5	6
Length, ins	1½	1¾	2	2¼	2½	2¾
Width, ins	17/32	9/16	¾	27/32	27/32	15/16
Thickness, in	9/16	11/32	15/32	7/16	7/16	17/32
No. in lb	17	12	8	6	5	3½
Per 100 Lbs			$32 40			

Sharp Pattern.

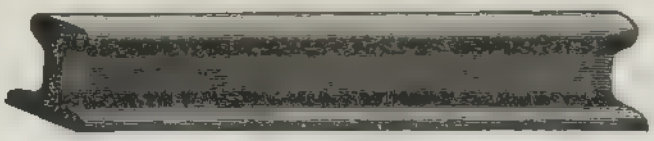
Nos.	BG11	BG12	BG13	BG14	BG15	BG16
Size Nos.	1	2	3	4	5	6
Length, ins	¾	2	2¼	2½	2¾	3
Width, in	5/8	¾	⅞	1	1	1
Thickness, in	7/16	½	9/16	5/8	5/8	5/8
No. in lb	13	9	6	4	3½	3¼
Per 100 Lbs			$33 90			

Blunt Pattern.

Nos.	BG21	BG22	BG23	BG24	BG25	BG26
Size Nos.	1	2	3	4	5	6
Length, ins	1½	1¾	2	2¼	2½	2¾
Width, in	½	9/16	5/8	¾	13/16	⅞
Thickness, in	⅜	7/16	½	½	9/16	9/16
No. in lb	17	11	9	6	4	4
Per 100 Lbs			$32 40			

25 lbs in wood box.

LIGHT T RAILS



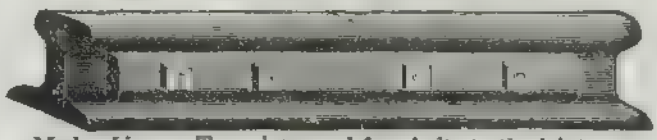
Prices on Application.

Nos.	Wt per Yd Lbs	Height Ins	Stock Length, Ft	Bolts Size, Ins	Spikes Size, Ins	Per 100 Lbs
120R	12	2 7/16	18 22	½x1¾	⅝x3	----
160R	16	2 ⅝	18 22	½x1¾	⅝x3½	----

Tons 2240 lbs. of rail required for one mile.

Wt per yd, lbs.	8	10	12	16	20	25	28
Tons per mile	12.57	15.71	18.86	25.14	31.14	39.29	44.00
Wt per yd, lbs	30	35	40	45	56	60	
Tons per mile	47.14	55 00	62 86	70.71	88.00	94.30	
Wt per yd, lbs	8	12	16	20	25	30	
Width of head, ins	13/16	1	1 11/16	1 11/32	1½	1 11/16	
Thickness of web, ins	5/32	1/8	7/32	¼	19/64	21/64	
Width of flange or base, ins	1 7/16	2	2 3/4	2 5/8	2 3/4	3 1/4	
Size bolts required	⅜x1¼	½x1½	½x1¾	½x1⅞	½x2	⅝x2½	
Size spikes required	⅝x2	⅝x2½	⅝x3	⅝x3	½x3½	½x4	

FISH PLATES AND BOLTS



Made of iron. Two plates and four bolts to the joint.

Prices on Application.

Nos.	Rail, Size, Lbs	Wt per Pair, Lbs	Thickness, Ins	Width Ins	Length, Ins	Per Joint
12F	12	3.44	5/16	1¼	16	----
16F	16	4.36	5/16	1¼	16	----

Number of joints, fish plates and bolts per mile.

Length of rails, ft	20	24	25	26	27	28	30
Joints required	528	440	422	406	391	377	352
Fish plates required	1056	880	844	812	782	754	704
Bolts required	2112	1760	1688	1624	1564	1508	140

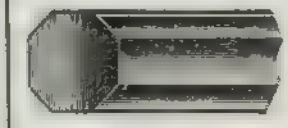
Number cross ties per mile.

Center to center, ft	1⅓	1¾	2	2¼	2½
No. of ties	3520	3017	2640	2348	2113

Twelve and sixteen pound rails require bolts ½x1¾ inch.

CAST TOOL STEEL

BLACK DIAMOND



A strong and tenacious tool steel, suitable for mining drills, quarry tools, axes, hammers, sledges, hard chisels, and general use, when a hard surface, combined with tenacity, is required.

Octagon	Stock Sizes.	Per Lb
⅜ inch		Prices on Application.
½ inch		
⅝, ¾, ⅞, 1, 1⅛, 1¼ inch		

STANDARD TOOL STEEL CARD

OCTAGONS, ROUNDS AND SQUARES

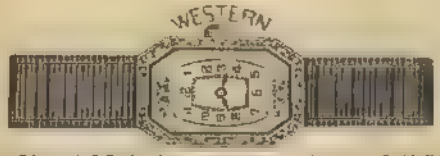
Base sizes ⅜ to 2 inches.

Size Ins	Extra Lb Cts	Size Ins	Extra Lb Cts	Size Ins	Extra Lb Cts
⅜	$0 18	5/16 and 11/32	$0 2	3½ to 4	$0 1½
5/32	10	⅜ and 7/16	1	4½ to 5	2
5/16	5	½ and 9/16	½	5½ to 6	2½
¼ and 9/32	3	2½ to 3	1	6½ to 7	3

LeCoultre Watches

Very Smart. Stylish with Absolute Dependability. All Parts Can Be Secured Anywhere. Serviced in Chicago

6½ Ligne 15J LeCoultre made movement. Fancy dial. 14k White [illegible] Engraved [illegible] case
G18 - 1 **$33.50**



6½ Ligne 15J LeCoultre movement, 14k White Gold Filled Rectangular Cut-Corner Engraved case
G18 - 3 **$40.50**

5½ Ligne 15J LeCoultre movement, 14k White Gold Filled Tonneau Engraved case
G18 - 5 ..... **$48.00**

6½ Ligne 15J LeCoultre movement, 14k White Gold Filled Barrel Plain case, fitted with Kreusler 1/10 14k W. G. F. Mesh band
G18 - 7 ..... **$53.00**

8½ Ligne 15J LeCoultre movement, 14k White Gold Filled Rectangular Plain case. Round dial
G18 - 9 **$17.00**

5½ Ligne 15J LeCoultre movement, 14k White Gold Filled Rectangular Engraved case, Engraved Oval dial.
G18 - 11 **$45.50**

6½ Ligne 15J LeCoultre movement. 14k Solid White [illegible] Bezel Engraved [illegible] with Grey finish, wings set with ten Diamonds. Grey [illegible]
G18 - 13 **$205.00**

6 Ligne 15J LeCoultre movement. 14k White Gold [illegible] Engraved case. Set with two Diamonds and Wings
G18 - 14 **$95.00**

8½ Ligne 15J LeCoultre movement. 14k White Gold Filled Barrel Engraved case, fancy Oval dial.
G18 - 15 **$50.50**

6 Ligne 15J LeCoultre made movement. Fancy dial. 14k White [illegible] Engraved case, Oval opening
G18 - 2 **$38.50**

6½ Ligne 15J LeCoultre movement, 14k White Gold Filled Rectangular Engraved Oval opening case
G18 - 4 ..... **$48.00**

6½ Ligne 15J LeCoultre movement, 14k Solid White Gold Hand Engraved case, Barrel shape, Raised Figure Dial.
G18 - 6 ..... **$64.50**

8½ Ligne 15J LeCoultre movement. 14k White Gold Filled Rectangular Engraved Oval dial Fitted with 1/10 14k W G F Kreusler Mesh band
G18 - 8 ..... **$55.00**

8½ Ligne 15J LeCoultre movement, 14k Solid White Gold Rectangular Hand Engraved sides, Raised Figure dial with Raised Design.
G18 - 10 ..... **$62.50**

6½ Ligne 15J LeCoultre movement, 14k Solid White Gold Rectangular all Hand Engraved with Black Enamel on sides. Fancy Oval dial
G18 - 12 ..... **$76.00**

THE ABOVE PRICES ARE SUBJECT TO THE REGULAR DISCOUNT.

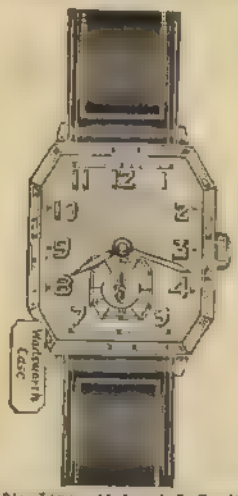
IF ANY ARTICLE PROVES UNSATISFACTORY, RETURN AT ONCE. WE WILL EXCHANGE OR REFUND MONEY.

"THE HOUSE OF QUALITY, SERVICE AND SATISFACTION"

LeCoultre Watches

A STANDARD high grade time-piece that is fully guaranteed. Serviced in Chicago. Any competent watchmaker can repair or replace any broken parts. Material is interchangeable and can be furnished anywhere. Sold by the leading Jewelry stores, throughout the country.

10½ Ligne 16-Jewel LeCoultre, 14k Gold Filled Engraved Curved case, Luminous dial
G19 1 14k G. F. White **$40.50**
G19 2 14k G. F. Green **40.50**



10½ Ligne 15-Jewel LeCoultre, 14k Gold Filled Engraved Oval-shaped case, Luminous dial
G19 3 14k G. F. White **$43.50**
G19 4 14k G. F. Green **43.50**

10½ Ligne 16-Jewel LeCoultre 14k Gold Filled Full Cushion Plain case, Luminous dial
G19 5 14k G. F. White **$43.75**
G19 6 14k G. F. Green **43.75**

10½ Ligne 16-Jewel LeCoultre, 14k Gold Filled Square Curved case, Luminous dial
G19 7 14k G. F. White **$45.50**
G19 8 14k G. F. Green **45.50**

9½ Ligne 15-Jewel LeCoultre, 14k White Gold Filled Cushion Formed Octagon Plain Silver Dial with Second Hand Ideal for Nurses and Teachers
G19+9 ..... **$45.00**

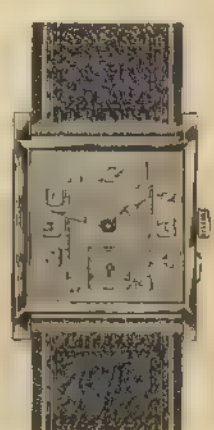
6½ Ligne 15-Jewel LeCoultre, 14k White Gold Filled Rectangular Etched case, Inlaid Black Enamel, Curved back Luminous dial Fitted with a Wadsworth band to match
G19+10 ..... **$62.50**
G19+11 Same in 14k G. F. Green..... 62.50

9½ Ligne 15-Jewel LeCoultre, 14k White Gold Filled Princess Engraved case, Luminous dial with Second Hand Suitable for Nurses, School Teachers or as Sport watch
G19 12 **$45.50**

9½ Ligne LeCoultre 14k Gold Filled Engraved Plain case, Luminous dial
G19 13 14k G. F. White **$46.00**
G19 14 14k G. F. Green **46.00**

9½ Ligne LeCoultre, 14k Gold Filled Engraved Plain case, Enamel Inlaid Fitted with Luminous dial
G19 15 14k G. F. White **$50.00**
G19 16 14k G. F. Green **50.00**

9½ Ligne 15-Jewel LeCoultre, 14k Gold Filled Engraved Plain case, Fitted with oval luminous dial as shown on Paper of watch
G19 17 14k G. F. White **$46.00**
G19 18 14k G. F. Green **46.00**



10½ Ligne 15-Jewel LeCoultre, 14k Gold Filled Square Plain case, Luminous dial Special value
G19 19 14k G. F. White **$30.00**
G19 20 14k G. F. Green **30.00**

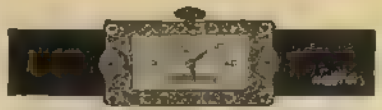
"THE HOUSE OF QUALITY, SERVICE AND SATISFACTION"

Hoffrers Diamond Set Watches

D1003 6½ L. 15 J. Hoffrers, 14K white gold case, Diamonds, Imitation Sapphires **$60.00**

1003B 6½ L. 15 J. Hoffrers 14K white gold case, 2 Diamonds, 4 Imitation Sapphires, 10K gold bracelet **$50.00**

D1002 6½ L. 15 J. Hoffrers, 14K white gold case, Diamonds, Imitation Sapphires **$55.00**



D4437 6½ L. 17 J. Hoffrers 6 Iridium, 95 Platinum case, 22 Diamonds, Sapphires **$495.00**

1002B 6½ L. 15 J. Hoffrers, 14K white gold case, 2 Diamonds, 4 Imitation Sapphires, 10K gold bracelet **$80.00**

D1035 6½ L. 17 J. Hoffrers 18K and Platinum case, 10 Diamonds, 8 Sapphires **$234.60**

Helbros Watches

No. 96885—5½ Ligne, 17 Jewel, 18K Solid White Gold 3-Piece Case **$60.00**

No. 72121 6½ Ligne 15 Jewel, 14K Gold Filled White Engraved 3-Piece Case **$35.00**

No. 72271—6½ Ligne 15 Jewel Star Scepter Quality, White Engraved Case with Link Extension Bracelet **$34.50**

DELIVERED IN PLUSH GIFT BOXES

No. 95283 6½ Ligne, 17 Jewel, 18K Solid White Gold 3-Piece Case **$62.50**

No. 95668 5¼ Ligne, 15 Jewel 18K Solid White Gold 3-Piece Case set with 8 Genuine Diamonds **$150.00**

No. 95636 6½ Ligne, 15 Jewel, 18K Solid White Gold 3-Piece Case Set with 4 Genuine Diamonds, 4 Synthetic Sapphires **$125.00**

THE FAMOUS LINE OF "LEADER" GAS RANGES AT FACTORY PRICES

Last the Longest. Displayed in your choice of Jade Green and Ivory, Grained Green and Ivory, and Blue and Ivory. Bake the Best.

Aside from the colorful beauty of their finish, the Leader Gas Ranges are quality ranges—from a long line noted for durability, performance and service—superb gas ranges in a beautiful, modern dress that will catch the eye of every housewife—at prices that are revolutionary.

Built-in Beauty and Performance

Characteristic of "Leaders"

The New Leader Gas Ranges *in color* offer a striking combination of attractive finish and quality

Six vibrant color combinations (displayed herein and on the following page) have been planned to meet every demand for color harmony in the kitchen **Flush fronts, concealed bolts, one-piece insulated porcelain handles and service drawers are** just a few of the salient features

A mirror-like finish, soil proof and immune to stains, is provided by the permanent porcelain enamel that is fused right onto the metal

Construction details make for convenience and economy in operation New-styled "slide-easy" top grids, balanced oven and broiler doors and easy opening service drawers mark the new Leaders and the Leader Burner Intake holds down gas bills by giving just the right mixture of gas and air

And, finally—of greatest interest to you these new Leader Gas Ranges *in color* are right" in price They have been priced to meet the competition of gas ranges that can not approach Leaders in quality

Leader Grained Green and Ivory Porcelain Enamel Gas Range

16-Inch Oven Style

Choice of Right or Left Hand Oven

No.		Code Word	Each
9G 1009L	Left hand oven	Erupt	$91.30
9G 1009R	Right hand oven	Foray	91.30

14-Inch Oven Style

Choice of Right or Left Hand Oven

No.		Code Word	Each
9G 2009L	Left hand oven	Enus	$88.00
9G 2009R	Right hand oven	Exalt	88.00
For Wilcolator Oven Heat Regulator	Last Extra		22.00
For Self Lighter	Add to List Extra		2.75

NOTE. If wanted with Wilcolator affix the word "Wilco" to the catalog number

Performance Without Peer

Because they bear the famous old name of "Leader" you can buy these ranges with full confidence in their cooking and baking qualities Thousands of delighted users say that they make kitchen hours happy hours and kitchen tasks immeasurably easier and pleasanter. You will find these ranges to be very satisfactory and we recommend them very highly.

Lustrous Porcelain Enamel Finish

Porcelain enamel, applied by the famous "Pemco Process, permanizes the colorful beauty of these famous new Leaders The mirror-like finish, soil-proof, immune to spots and stains, cleaned in a wink, is fused right into the metal Ovens are porcelain inside, the last word in durability and sanitation The highest standards are maintained in finishing all other interiors.

Distinction in Design

"As modern as tomorrow" aptly describes the design of these new models In advance of today's styles, they may be purchased with every assurance that they will stay "in style for years to come Witness flush fronts concealed bolts one-piece insulated porcelain handles, service drawers, and innumerable other features.

Dimensions of the New Leader Gas Ranges

(Applies to All Ranges in this Display)

16-Inch Oven Series

Right or Left Hand

Size of Oven inside top to bottom 15 inches
Size of Oven inside side to side 15 inches
Extreme width less end shelf 38 inches
Extreme width with end shelf 40½ inches
Size of Oven inside back to front 15 inches
Height over all 53 inches
Height over all with flue 58 inches
Shipping weight 170 lbs.

14-Inch Oven Series

Right or Left Hand

Size of Oven inside top to bottom 15 inches
Size of Oven inside side to side 12 inches
Extreme width less end shelf 38 inches
Extreme width with end shelf 40½ inches
Size of Oven inside back to front 15 inches
Height over all 53 inches
Height over all with flue 58 inches
Shipping weight 170 lbs.

All styles shown are made right or left hand as to oven location as specified in catalog number by letter "L" for Left Hand oven or "R" for Right Hand oven

F O B INDIANA FOUNDRY

Leader Jade Green and Ivory Porcelain Enamel Gas Range

16-Inch Oven Style

Choice of Right or Left Hand Oven

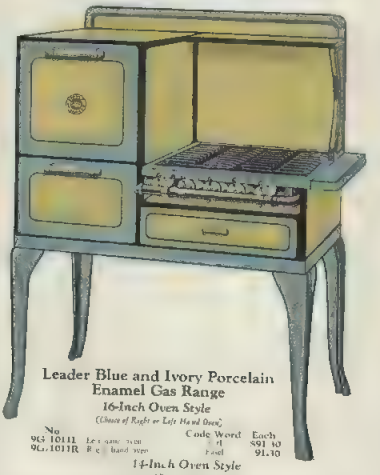
No.		Code Word	Each
9G/1000L	Left hand oven	Edge	$91.30
9G/1000R	Right hand oven	Edit	91.30

14-Inch Oven Style

Choice of Right or Left Hand Oven

No.		Code Word	Each
9G/2000L	Left hand oven	Ed	$88.00
9G/2000R	Right hand oven	Egret	88.00
For Wilcolator Oven Heat Regulator	Last Extra		22.00
For Self Lighter	Add to List Extra		2.75

NOTE. If wanted with Wilcolator affix the word "Wilco" to the catalog number



Leader Blue and Ivory Porcelain Enamel Gas Range

16-Inch Oven Style

Choice of Right or Left Hand Oven

No.		Code Word	Each
9G 1011L	Left hand oven	Ebb	$91.30
9G 1011R	Right hand oven	Echo	91.30

14-Inch Oven Style

Choice of Right or Left Hand Oven

No.		Code Word	Each
9G/2011L	Left hand oven	Ebb	$88.00
9G/2011R	Right hand oven	Echo	88.00
For Wilcolator Oven Heat Regulator	Add List Extra		22.00
For Self Lighter	Add to List Extra		2.75

NOTE. If wanted with Wilcolator affix the word "Wilco" to the catalog number

J. MARBLE HUNTING AND SCOUT KNIVES

IDEAL

The thick, strong blade is relieved by hollow grinding which provides proper balance for weight and size. Strength of back is necessary for splitting kindling or digging holes in hard ground or ice. The hollows aid quick sharpening. Blade is adapted to sticking and skinning. Back of point is beveled for breaking small bones. The Ideal is an every-purpose knife. These knives have been honored by being imitated, but the original and genuine has Marble's stamped on blade.

Knives No. 41 and 45 have a heavy tang onto which are driven washers made of sole leather, red and black fibre and brass. Bolster is brass. Tip is aluminum. All parts held rigidly in place by a round brass nut sunk into tip, engaging the threaded tang. Knife is highly polished.

Furnished with Sheath.

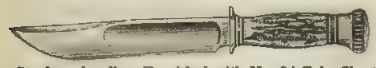
NO.	Size Blade	Wt. Each	EACH
41-4½	4½ in.	6 oz.	$2.50
41-5	5 in.	7 oz.	2.75
41-6	6 in.	8 oz.	3.00
41-7	7 in.	10 oz.	3.25

Six in a box.

As No. 41 but with full brass hilt. Furnished with Sheath.

NO.	Lgth. Blade	Wt. Ea.	EACH
45-5	5 in.	7 oz.	$2.75
45-6	6 in.	8 oz.	3.00
45-7	7 in.	10 oz.	3.25

Six in a box.



Staghorn handle. Furnished with No. 34 Tube Sheath. These handles are composed of two grooved slabs of selected staghorn carefully riveted together and driven on the tang. Brass bolster. Tip is stag horn. Knife is highly polished.

NO.	Size Blade	Wt. Each	EACH
46-5	5 in.	7 oz.	$3.50
46-6	6 in.	8 oz.	3 75
46-7	7 in.	10 oz.	4.00

Packed six in a box.

EXPERT

These knives were particularly designed to meet the requirements of the professional hunter, trapper, and guide who requires a thin, keen edge for dressing skins and furs. The back of the blade is designed for scraping skins, while on the forms. Leather handle, same construction as Ideal No. 41.

With Sheath

NO.	Size Blade	Wt. Each	EACH
545	5 in.	6 oz.	$2.50

Packed six in a box.

EXTRA KNIFE SHEATHS

Clean leather stock, riveted and sewn. Snap button over handle prevents dropping.

NO	Length	EACH
39-5	5 in.	$0.60
39-6	6 in.	.60
39-7	7 in.	.75
39-8	8 in.	.75

Packed bulk.

WOODCRAFT

Acknowledged to be the best seller of all outing knives. Finest steel blade—tapering to point for sticking—just the right curve for skinning—thin enough for slicing and whittling—checkered for thumb or finger grip—back is beveled for breaking small bones—perfectly and uniformly tempered. Proclaimed by sportsmen to be the best all 'round knife. Handle 3¾ inches. Construction same as Ideal knives. Furnished with No. 39 Sheath.

NO.		Blade	Wt. Each	EACH
49	Leather Hdle.	4½ in.	6 oz.	$2.25
50	Staghorn "	4½ in.	6 oz.	3.00

Packed six in a box.

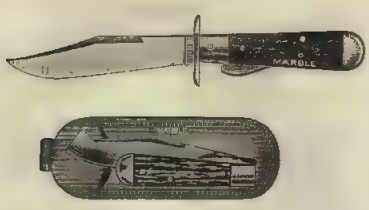
SPORT KNIFE

For outdoor or indoor use by the camper, canoeist, hiker, hunter, or fisherman. Has the features of all Marble knives in compact form. Just the knife for those who have occasion to use a small one. Particularly adapted to the use of members of Boy and Girl Scout, Camp Fire Girl, and other similar organizations. Leather handle, 3¾ in., is of same construction as Marble's Ideal Knife. Blade forged from high grade cutlery steel, polished and honed. Furnished with No. 39 Sheath.

NO.	Blade In.	Oz. Each	EACH
60	4	4	$2.00

HUNTING KNIVES J

SAFETY HUNTING



These knives will appeal especially to that class of woodsmen and sportsmen who object to the sheath knife and yet want a knife that is heavy, strong, and rigid. They have a long blade with a short handle, utilizing the extension guard as a safety lock when knife is open. The guard as well as the blade is held in position by a spring when either open or closed.

The hilt and the bolsters are of nickel silver. Side plates are of genuine staghorn. Furnished with Sheath.

NO.	Blade	Wt. Each	EACH
83	4½ in.	6 oz.	$3.50
85	5 in.	9 oz.	4.00

Packed six in a box.

TROUT

For dressing trout easily, neatly and rapidly. Finest cutlery steel, 5⅝ inches long, handle ⅜-inch thick. To use, hold with back down and insert little finger in ring.

Including metal bound leather sheath.

NO.	Wt. Doz.	EACH
79	9 oz.	$0.75

Packed bulk.

SAFETY FISH

Dotted lines show blade folded within folding handle. The blade is made sharp at back of point for ripping, and the back is an excellent fish scaler. A good pocket knife for sportsmen, ranchmen and stockmen.

When folded the blade is protected by the nickel silver handle. When open it is safe and rigid.

NO.	Blade	Wt. Each	EACH
78	4 in.	4 oz.	$1.50

Packed six in a paper box.

COUNTER DISPLAY ASSORTMENT

Display case free with this assort., which is made up of 12 of the livest selling Marble hunting knives.

Contents of assortment:

3 No. 49—4½-in. Woodcraft, with Sheaths	$2.25	$6.75
3 No. 45—5 in. Ideal (Hilt), with Sheaths	2.75	8.25
3 No. 45—6 in. Ideal (Hilt), with Sheaths	3.00	9.00
1 No. 545—5 in. Expert, with Sheath	2.50	2.50
1 No. 46—5 in. Ideal (Hilt) with Sheath	3.50	3.50
1 No. 50—4½ in. Woodcraft with Sheath	3.00	3.00
Total		$33.00

NO.	Beautiful Display Case No. 12 FREE.	EACH
12		$33.00

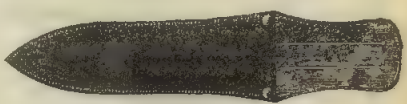
WADE & BUTCHER "TEDDY"—STAINLESS STEEL

Blade of exceptionally heavy construction, swaged point and a milled section on shank to provide a firm hold for heavy skinning. Cowhide sheath with slot for belt. Strap around handle, secured by patent snap, prevents knife from falling out.

NO.	Lgth. Blade	Lgth. Over All	Width	EACH
121	4⅝ in.	9⅛ in.	1¼ in.	$5.00

Packed six in a carton.

HUNTING KNIFE SHEATHS



Russet leather, with belt loop, riveted at side for Marble's and other straight blade hunting knives.

NO	Length	EACH
125	5 in.	$0.75
126	6 in.	.85
127	7 in.	.90

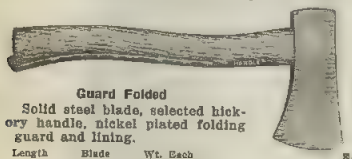
Packed bulk.

J

HUNTERS AXES AND SHEATHS

MARBLE SAFETY AXES

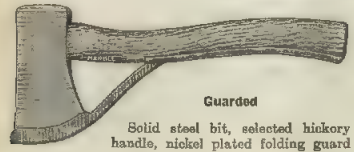
Are large enough to fell a tree and small enough to carry in a pocket. A perfect axe for "blazing," clearing a trail, setting a tent, and as necessary in the woods as a gun or knife. The standard axe for Boy Scouts. A necessity for the auto tourist and safely carried anywhere in a car.



Guard Folded

Solid steel blade, selected hickory handle, nickel plated folding guard and lining.

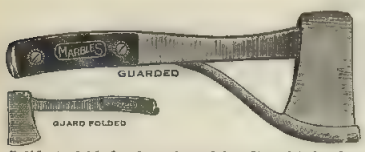
NO.	Length	Blade	Wt. Each	EACH
5	11 in.	2⅜x4½ in.	1 lb.	$2 00



Guarded

Solid steel bit, selected hickory handle, nickel plated folding guard and lining.

NO.	Length	Blade	Wt. Each	EACH
6	12 in.	2⅜x4½ in.	1 lb.	$2.25



Solid steel blade, drop forged handle with hard rubber side plates, nickel plated folding guard.

NO.	Length	Blade	Wt. Each	EACH
2	12 in.	2⅜x4 in.	1¼ lb.	$3 25
3	12 in.	2½x4½ in.	1⅝ lb.	3.50

PACKED TWO IN A BOX

MARBLE'S BELT AXE

Very popular with Boy Scouts and campers, as well as sportsmen.

The tempered head will not become battered. The accurately machined eye is fitted perfectly by the handle, and is constructed to give the greatest amount of bearing surface on the handle. These are features that are exclusive in Marble's tool-steel axes.

Belt

These axes are made of fine steel and are ideal for use around camp.

NO.	Length	Blade	Wt. Each	EACH
9	12 in.	2⅜x4½ in.	22 oz.	$1.50

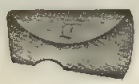
Camp

Blade is forged from solid tool steel. The tempered head, designed for driving stakes, spikes, etc., will not become battered even under continuous service. The nail puller has tempered jaws. These are features that are exclusive in Marble's tool-steel axes.

The thoroughly seasoned selected hickory handles offer a very secure grip, and allow the axe to be easily inserted or removed from the sheath.

NO.	Length	Blade	Wt. Each	EACH
10	16 in.	3½x5½ in.	28 oz.	$2.50

MARBLE AXE SHEATHS



Leather, for Marble axes; have belt loop.

NO.	Dimensions For Axe	Wt. Each	EACH
29	3x5½ in. 9	2 oz.	$0.75
30	3½x6 in. 10	2 oz.	.75

Full length russet leather, with belt loop

NO.	For Marble Axe	Length	Wt. Each	EACH
192	No. 2	10 in.	4 ozs.	$1.10
193	No. 3	11 in.	4 ozs.	1.10
196	No. 6	12 in.	6 ozs.	1.10

PAINT SPRAYING OUTFIT

PRESTO

Sprays Paints, Varnishes, Lacquers, Enamels and Bronzes.

Pressure feed type giving positive and uniform application of materials. Built to operate on any standard air line or compressor which will deliver one cubic foot or more per minute. Better atomization; high speed application; minimum rebound of materials spayed; less dust and fog; lays a perfect coating at a distance of only 2 to 6 inches from surface being sprayed complete filteration of air; clamp-on can cover with quart aluminum container; adapted for fan or round spray; instantaneous, material and air shut-off; handle and container of even height so gun will not tip over when set down; no oil and water separator required which reduces the cost of extra equipment to about one-half. For successful spray painting with the No. 90 an air regulator and gauge is required, so that the volume of air and pressure can be controlled to assure perfect atomization and application of material being sprayed

No. 90. Presto Spray Painting Outfit. Consisting of regulator, gauge, 25 feet ¼ inch high grade air hose and pressure feed spray gun..Each **$35 00**

No. 90. Spray Gun Only. Complete with a quart aluminum container and two interchangeable pint containers .....Each **$20 00**

Air Regulator and Gauge .Each **$10 00**

Air Hose. 25 feet ¼ inch with connections .....Each **$5 50**

ELECTRIC SPRAYING

UNITS

PRESTO

Sprays Paints, Varnishes, Lacquers, Enamels and Bronzes.

Finger tip control, light weight; perfect atomization; double filteration of air; seamless 1 qt aluminum container; clamp or cover; interchangeable heads for fan or round spray; rotary compressor develops constant pressure of 25 to 30 lbs.; instantaneous material shut-off after release of trigger; well balanced pistol grip handle; Universal motor, for use on AC or DC; 12½ feet rubber covered electric cord, with non-breakable plug; 12½ feet 3 ply rubber air hose

Lays a perfect coat of paint—without rebound of the material being sprayed; sprays 1 to 6 inches wide—and more, depending upon how far the gun is held from the surface

No. 84. 110 Volts. Shipping wt. 15 lbs. .....Each **$39 50**

WATER PUMPS

SCOUT

A first class pump that will improve the efficency of the Ford motor. Has many features of the Blackhawk Chief. Second only to the chief in pumping power and performance. Equipped with curved three-blade bronze impeller. Big bronze bearings with grease lubricator at belt end Husky construction throughout. Flange prevents the belt from running off. Belt sizes: Fords previous to 1926 32½ inches.; 1926 model takes 36 inch belt

Scout. Complete with horn bracket and fan belt. Wt, 8 lbs....Each **$5 00**

GREASE PAK OR CABINET

"OVAL"

A 25 lb. grease pak with ½ pound per stroke pump mounted on oval top tapered container with hinged fill opening; 4½ feet of ⅝ inch flexible metal hose and brass tube nozzle; container mounted on malleable iron base with 4 legs.

No. 25. Wt. each, crated, 30 lbs. .....Each **$10 50**

JACKS

MARQUETTE

HYDRAULIC

Hydraulic lifting and lowering mechanism totally enclosed and operates in oil. Honed cylinder with mirror finish made of nickel alloy steel. Piston cup washer operates on smooth surface assuring long life and prevents leakage. Grips are large and well formed. Stroking, dollying and general handling of the Jack is easier. Trigger control for lowering right at finger tips. The Marquette has a double release valve. Speed of lowering is controlled by trigger after load valve is opened apply downward pressure to handle at end of stroke. Handle adjustment control is conveniently located for instant adjustment of the handle to any position for raising or lowering Jack. Strong steel handle rigidly braced. There is ample room to work with handle in upper position when close to wall or other cars—lower positions clear bumpers, trunks, etc. Jack can be raised or lowered in any one of four handle operating positions. Strong cross member prevents abuse to hydraulic mechanism when stroking handle or dollying car. Large caster wheels ball bearing equipped and with water proof caps makes dollying easy.

Oil by-passes when jack is raised to extreme height or overloaded, thereby eliminating injury to jack. Roller bearing rear wheels—heavily constructed with two point lubrication. Extra heavy swivel cap designed to fit all axles and differential housings.

Lifting Range, from ..... .5 inches to 18 inches
Tread of wheels, center to center ..... 10½ inches
Overall length ..... 50 inches
Capacity ..... 5,000 lbs.

Model H. Shipping wt. 168 lbs. ..... Each **$56 00**

REPAIR JACKS

Steel Body, Bar and Cap.

This adjustable repair jack does away with unhandy wooden horses and clumsy blocking when adjusting brakes, replacing springs and shackle bolts, changing wheels for tire wear, etc. Heavy steel construction, with load carried on oversized high carbon steel bar; teeth machined to provide fine adjustment; no springs or pins to shear or lose; positive lock which is quickly released by convenient carrying handle. Capacity 2 tons; adjustable from 11 to 18 in.; base 9 in. square.

No. C1. Wt. ea. 10½ lbs .. Each **$3 50**

AUTO JACKS

DREADNAUT

Light Pressed Steel Model.

A light, pressed steel ratchet jack of unusual strength and efficiency; rack bar carefully made and operating mechanism positive; the wide flared base adds strength to stand, permitting unusual service. Finished in olive green lacquer.

No. 57. Height, lowered 8¼ in.; height raised 13½ in.; handle 16 in. flat steel; capacity 1500 lbs. Wt. ea. 4½ lbs. ..... Each **$1 50**

AUTO JACKS

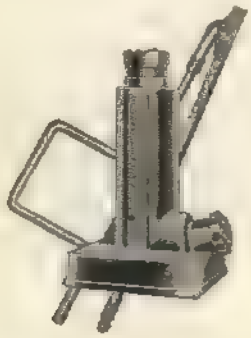
DREADNAUT

Balloon Tire.

A very sturdy twin-lift jack for light cars. Only one screw operates at a time, assisted by ball-bearings; large skid base permits handy placement. Finished in red lacquer.

No. 999. Height lowered 6½ in.; height raised 15 in.; handle 40 inch folding; capacity 2000 lbs. Wt. ea. 8¼ lbs. .....Each $3 50

DREADNAUT



Balloon Tire.

Designed for use with balloon tires. The load is carried directly on telescoping steel cylinders which prevent tipping with consequent binding of driving screws when under load. The entire mechanism including the double screws are entirely enclosed, free from dirt and water. Finished in red lacquer.

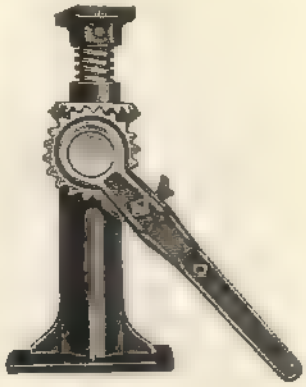
No. 27. Height lowered 7 in.; height raised 16¾ in.; handle 48 in. auger type, folding; capacity 3000 lbs. Wt. ea. 11¼ lbs. .....Each $5 25

RELIABLE

5-Ton.

Absolutely the most durable jack made for a five ton truck.

No. 38. Capacity, 5 tons; height, lowered, 11 inches; raised, 16 inches; diameter screw, 1¼ inches. Wt. each. 12 lbs. .....Each $4 70

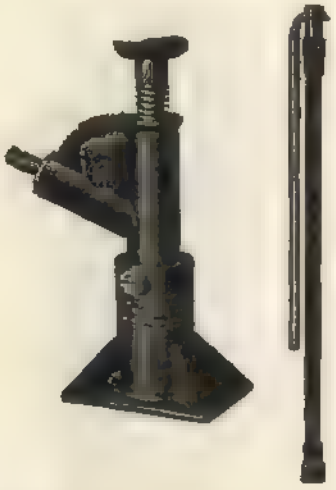


6-Ton.

Strongly reinforced and designed for the heaviest kind of loads such as heavy motor trucks, trolley cars, tractors, mine cars, etc.; easy to operate under their full rated load.

No. 26. Capacity, 6 ton; height, lowered, 11½ inches; raised, 16½ inches; diameter of screw, 1½ inches. Wt. each, 17 lbs.....Each $7 20

MILLERS FALLS



Easy Working. Sturdy. Dependable. Handle Controlled.

The body of handle is steel tubing, each end of which is strengthened by a brazed steel sleeve. The telescopic rod is ⅝ inch hexagon cold rolled steel; folds to a minimum of 18 inches and extends to 36 inches; is extra strong at the joint where it attaches to jack. You can slide jack around, even lift it off the ground with perfect safety. Handle turns easily whether load is light or to capacity. Perfect control without stooping or reaching under the car. Operator is full length of handle away from all dirt and grease. Direct worm drive with ball bearing end thrust. Working parts of steel. Worm is heat treated. broad rectangular base of grey iron, checked on bottom. Barrel of malleable iron. Cap and screw one piece of forged steel, practically unbreakable, and cannot be screwed out of barrel. Lifting worm gear shaft releases screw instantly. Base is adjustable, permitting three ranges of heights before screw is raised. Every jack is warranted to be mechanically perfect.

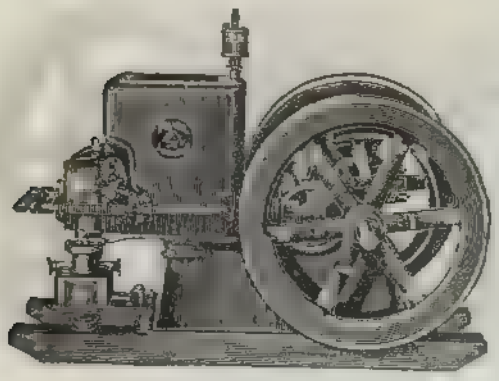
No. 145. Capacity, 2 tons; minimum height, 9½ inches; maximum height, 18 inches. Wt. ea., 10½ lbs. Each $8 00

D 2

KEROSENE ENGINES

FULLER & JOHNSON

Model "KA"—Throttling Governor.



3, 5, 7, 9 and 12 Horse Power.

Well adapted for electric lighting plants, for use on the farm, in shops, elevators, mills, creameries, etc., or on concrete mixers, balers, etc. Has new and improved throttling governor; extra heavy fly-wheels which further insure constant, steady power, so essential for operating the electric dynamos, cream separators, etc.

Painted and striped in gold and are mounted on substantial hardwood skids. They may easily be skidded from place to place, or installed as stationary engines. If it is desired to mount the engine on a hay baler, well drill, concrete mixer, or other machine, simply remove the skids as the engine is self-contained, that is, the engine is hopper cooled with no pipes or screens, and the fuel tank is mounted in the full base and connected to the mixer above the base line.

3, 5 and 7 H. P. engines equipped with built in low tension gear driven magneto. 9 and 12 H. P. equipped with starting battery in addition to magneto. Will run on kerosene, benzine, naptha, distillate, motor spirits or gasoline.

Furnished with a heavy galvanized fuel tank; a machine turned pulley, which fits on either side of the engine; a good muffler; a sight feed lubricator; large grease cups for the bearings; a full set of dry batteries, and a water-proof spark coil all wired up and packed in a good battery box, painted; all necessary wrenches; oil can; priming cup; starting crank (except on 12 H. P.); a can of oil; a can of grease; and a complete book of instructions.

Pulleys other than those specified below can be furnished, charge being made according to the size of the pulley.

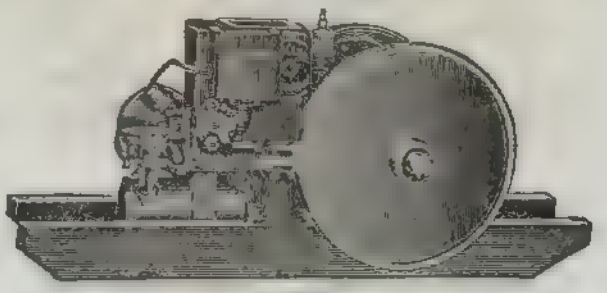
Nos.	3KA	5KA	7KA	9KA	12KA
Horse Power	3	5	7	9	12
Rev. per min	475	450	400	385	325
Diam fly-wheel, ins	22	26	32	36	42
Size pulley, ins	8x4	12x6	16x8	18x8	18x8
Cap. fuel tank, gal	2¾	5½	7	10	14
Floor space, ins	35x43	40x52	44x63	48x66	46x80
Shipping wt, lbs	575	825	1200	1750	2350
Each	✚$307 50	✚437 25	✚614 25	✚885 00	✚1146 00

✚F. O. B. Wisconsin Factory Only.

GASOLINE ENGINES

FULLER & JOHNSON

MODEL NC, Equipped With Either Battery Ignition or Wico Magneto.



1½, 2 and 2½ H.P. on Wood Skids.

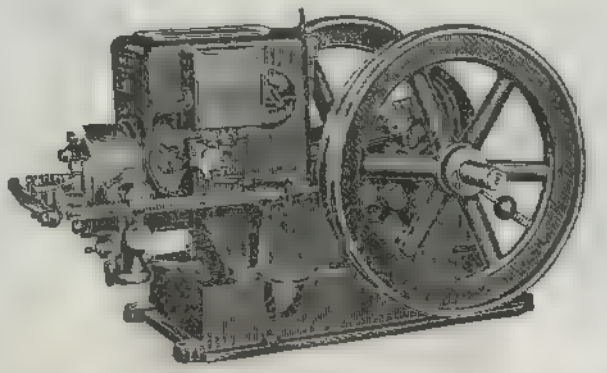
These engines are ideal for all light farm work, such as grinding mills, pumps, cream separators, grinding stones, etc.

Equipped with crank case enclosure, wipe oiler for crankpin, cylindrical fuel tank, plain pulley, muffler, cylinder oiler grease cups, disc flywheel and key shroud. Starter crank and instruction book furnished with each engine.

Note—Be sure to state on order whether battery or magneto ignition is wanted.

Nos.	2NC	2¼NC	2½NC
Horse Power	2	2¼	2½
R. P. M.	600	600	600
Size pulley, ins	4x4	4x4	4x4
Cap. fuel tank, gal	.9	.9	1.2
Floor space, ins	26x42	27x42	28x47
Shipping wt, lbs	200	220	270
Each	✚$156 00	✚177 00	✚201 00

Crated.



3½ H.P. On Iron Sub Base.

Especially suited for general farm use, such as wood saws hay presses, grinding mills, etc.

Regular equipment consists of tank in base, plain pulley, muffler, starting crank and instructions.

Note—Be sure to state on order whether battery or magneto ignition is wanted.

	Each
No. 3½NC—3½ H.P., 550 R.P.M. 4x6 in. pulley; cap. fuel tank 2¼ gal., floor space 34x36 ins.	✚$249 00

Crated; wt each 335 lbs.

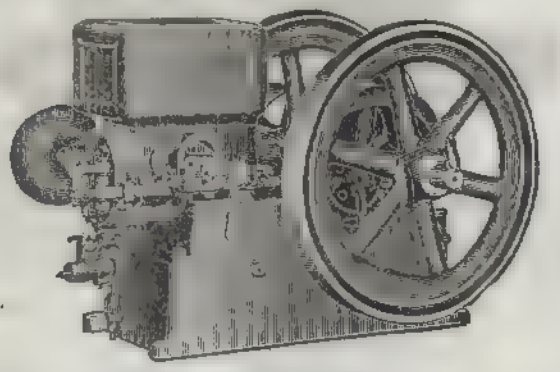
✚F. O. B. Wisconsin Factory Only.

KEROSENE ENGINES

MONARCH LINE

Scientifically designed for a general utility power unit. Heavy enough to withstand any strain, light enough to be easily handled. Throttling governor regulates fuel supply and keeps the engine running at a uniform speed. They are primarily a Kerosene burning engine, but will operate on gasoline with equal satisfaction, developing the same horse power and utilizing a like amount of fuel.

All parts easily accessible for inspection and repair. Every part uniform and interchangeable

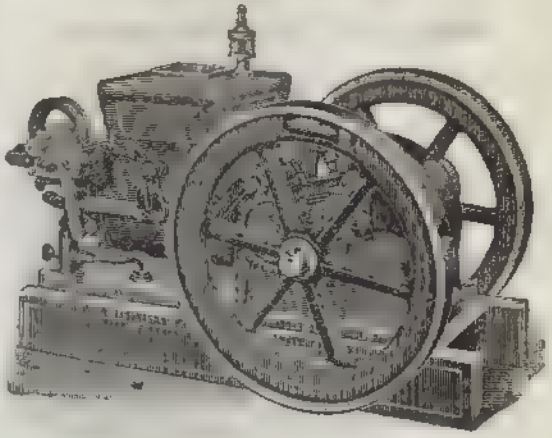


3, 5 and 7 Horse Power.
With Webster Oscillating Magneto.

Nos.	K3CAM	K5DBM	K7FBM
Horse power	3	5	7
Speed	450	430	380
Bore, ins	4½	4¾	5½
Stroke, ins	6	8	10
Pulley, ins	8x6	12x6	14x8
Diam fly-wheel, ins	21	26	36
Wt fly-wheel, lbs	81	142	250
Diam shaft, ins	1⅝	1¾	2
Floor space, ins	24x38	26x40	35x58
Ship wt each, lbs	450	690	1200
Each	✚$216 00	✚295 50	✚435 00

GASOLINE ENGINES

MONARCH LINE



(Showing Engine on Skids)

1¾ AND 3 H. P. ENGINE
With Webster Oscillating Magneto.

Fitted with the well known Webster Oscillating Magneto, which requires no batteries and is equipped with a self starter.

	On Skids		On Iron Sub-Base
Nos.	1¾NM	3CM	3CMIB
Horse Power	1¾	3	3
Bore, ins	3½	4½	4½
Stroke, ins	5	6	6
R. P. M., normal	500	450	450
Size of pulley, ins	4x4	8x6	8x6
Diam of fly-wheel, ins	17	21	21
Wt of fly-wheels, each, lbs	34	81	81
Diam shaft for pulley, ins	1¼	1 9/16	1 9/16
Floor space, ins	40x20	38x24	50x24
Wt each on skids, lbs	260	425	465
Each	$144 00	✚201 00	✚216 00

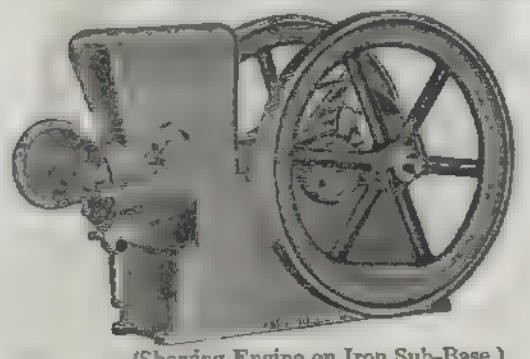
Crated.

GASOLINE ENGINES

MONARCH LINE

5 AND 7 H. P. ENGINE, With Webster Oscillating Magneto.

The carburetor or mixer, by virtue of its special design, insures perfect regulation in the supply of gasoline. Fitted with the well known Webster Oscillating Magneto which as to its efficiency and reliability.



(Showing Engine on Iron Sub-Base.)

	5	7
Horse power	4¾	5½
Bore, ins	8	10
Stroke, ins	430	380
R. P. M., normal	12x6	14x8
Size of pulley, ins	26	36
Diam of fly-wheel, ins	142	250
Wt of fly-wheels, each, lbs	1¾	2
Diam of shaft for pulley, ins	45x26	58x35
Floor space, ins	630	1110
Wt on skids, lbs	690	1200
Wt on iron-sub-base, lbs	5DM	7FM
On Skids—Nos.	✚$283 50	✚420 00
Each	5DMIB	7FMIB
On Iron Sub-Base—Nos.	✚$291 00	✚432 00
Each		

Crated.

TRUCKS

FOR MONARCH GASOLINE ENGINES

Strong, safe and reliable; built to meet the demand of the best trade.

Nos.	10PT	5TP
For engines, H. P	1¾	3 or 5
Height wheels, ins	8	12
Wt each, lbs	40	120
Each	✚$10 05	✚24 60

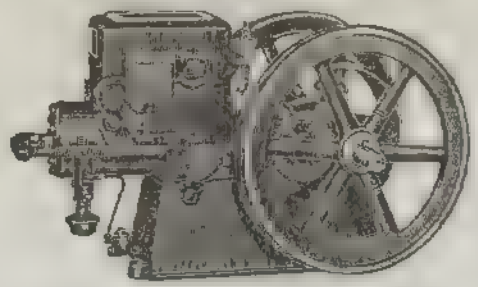
Shipped loose.

✚F. O. B. Michigan Factory Only.

GASOLINE ENGINES

FULLER & JOHNSON

MODEL NB, With Wico Magneto.



4½, 6, 8, 10 and 12 H.P. Stationary.

This model embodies the very latest improvements in gasoline engines. Horizontal, hopper cooled, four cycle, has hit and miss governor, speed regulator to change speed while engine is running, fuel tank in base.

Operates on gasoline, motor spirits and No. 1 engine distillate.

Especially suited for farm use, also for shops, creameries, feed mills, elevators, conveyors, etc.

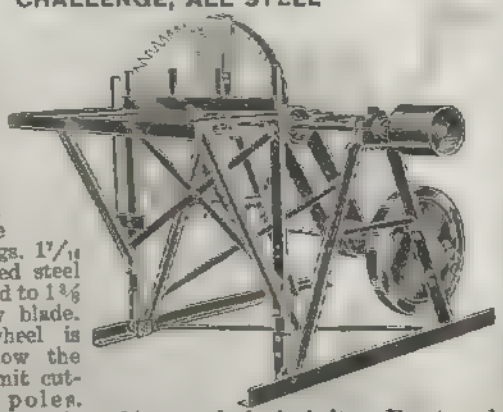
Regular equipment consists of tank in base, plain pulley, muffler magneto, wrenches, crank (except 12 H. P.), cylinder oiler grease cups, accessories and instructions.

Nos.	4½NB	6NB	8NB	10NB	12NB
Horse Power	4½	6	8	10	12
R. P. M.	525	475	425	400	325
Size pulley, ins	8x4	12x6	16x8	18x8	18x8
Diam fly wheel, ins	22	26	32	36	42
Cap. fuel tank, gal	8	5¼	6¼	8¼	14
Floor space, ins	35x43	40x52	44x63	48x66	46x80
Shipping wt, lbs	525	800	1200	1650	2300
Each	✚$319 50	✚402 00	✚639 00	✚828 00	✚1065 00

Crated.

WOOD SAWING MACHINES

CHALLENGE, ALL STEEL



Steel frame and tilting table, channel steel base, angle steel uprights and braces, painted red. One piece channel steel sawing table and mandrel legs. 1 7/16 inch cold rolled steel mandrel, turned to 1⅜ inches for saw blade. Balance wheel is placed below the frame to permit cutting long poles. Adjustable bearings for taking up slack in belt. Front and back safety guards. Double stop chains keep sawing table square with saw. Size pulley 6x6 inches. Takes blade 20 to 30 inches in diameter.

Without Blade.	Each
No. 65—With 60 lb balance wheel; wt each 285 lbs	✚$79 50
No. 65W—Without balance wheel, wt each 225 lbs	✚ 63 00

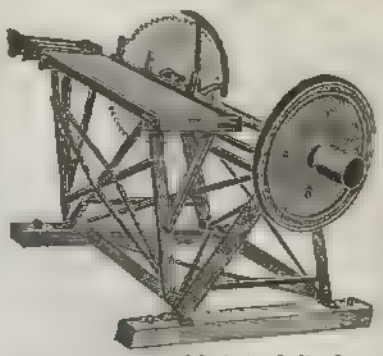
Crated.

Note—For circular saw blades see Dept. 1.

✚Gasoline Engines—F. O. B. Wisconsin Factory Only.

✚Nos. 65 and 65W—F. O. B. Illinois Factory Only.

WOOD SAWING MACHINES



APPLETON

Steel Frame With Tilting Table.

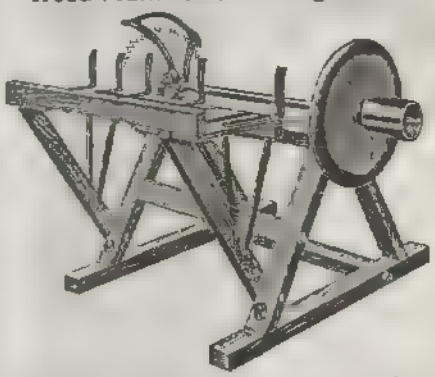
Steel angle frame, bolted and braced. 1½ inch steel mandrel for saws with 1⅜ inch arbor. Ball and socket type boxes, babbited, dustproof, non-heating and self adjusting. Steel rollers on end of tilting table. Interchangeable balance wheel and pulley. Frame equipped with a saw guard. Frame is arranged to receive blade to left of operator but if so ordered it can be arranged without extra charge to receive blade to right of operator. Each

No. 1—Without blade; takes blades from 20 to 30 ins diam; pulley 5x6 ins; speed 1000 to 1500 R. P. M. power required to operate 2 H. P. gasoline engine or electric motor; distance between balance wheel and blade 3 ft. 6 ins $84 00

Shipping wt each 265 lbs.

STOVER

Wood Frame With Tilting Table.

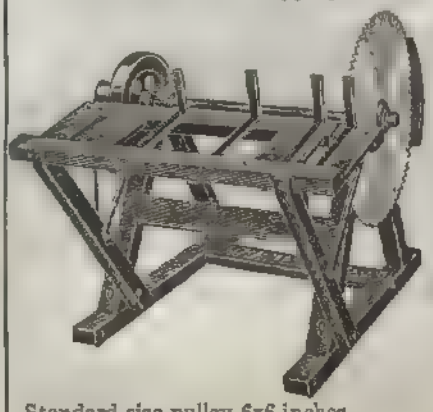


Seasoned hardwood frame, mortised, bolted and firmly braced. Lathe turned steel mandrel, 4 feet, 4 inches long and 1½ inches diameter. 1⅜ inches for the saw blade and to 1⅞ inches for the balance wheel, pulley and boxes, ball and socket type boxes, babbitted, dust proof, nonheating and self adjusting. Tilting table has roller at one end to accommodate long poles. Interchangeable balance wheel and pulley. Equipped with a saw guard.

Frame is arranged to receive blade to left of operator, but if so ordered it can be arranged without extra charge to receive the blade to the right of the operator. Each

No. 2—Without blade; takes blades from 20 to 30 ins diam; pulley 5x6 ins; speed 1000 to 1500 R. P. M.; electric motor; distance between balance wheel and blade 3 ft., 6 ins $79 50

Shipping wt 274 lbs.



Hardwood frame, uprights and swinging table, painted red; 1 7/16 inch cold rolled steel mandrel 49 inches long fitted for saw with 1⅜ inch arbor. Accurately machined and balanced, fly wheel 15½ inches in diameter. Self-aligning bearings, lubricated by hard oilers inner sleeves lined with high grade babbitt. Frame equipped with four pole and and one saw guide. Each

Standard size pulley 6x6 inches.

No. 700—Without Saw; floor space required 45x49 ins; height frame 31 ins $61 50

Crated, K D; wt each 250 lbs.

Note—For circular saw blades see Dept. 1.

Interchangeable Socket Wrench Sets

Mossberg Pressed Steel

No. 10 Socket Wrench Set

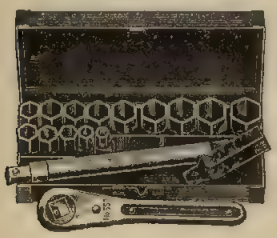
Contains:

No. 350. Reversible ratchet wrench.
No. 351. Extension bar, 9½ in. long.
No. 336. Universal joint.
No. 101. Offset screw driver.
21 sockets of guaranteed quality:
Hex.: 15/32, ½, 17/32, 19/32, 5/8, 21/32, 11/16, 23/32, 25/32, 13/16, 27/32, ⅞, 29/32, 31/32, 1, 1 1/32, 1 3/32, 1 5/32, and 1 9/32 inches.
Two special hexagon spark plug sockets:
No. 402. 4 inch long, 29/32 inch opening.
No. 422. 4 inch long, 1 5/32 inch opening.
Fitting standard spark plugs.

Container: Enamel steel box, the new attractive Frostine finish.
Size of box: 2⅛ by 5½ by 10⅛ inches.
Packing: Each box in corrugated carton.
Shipping weight: 8 pounds.

Price complete **$13.32**

No. 13 Socket Wrench Set



Contains:

No. 355. Ratchet handle, 8 in. long.
No. 351. Extension bar, 9 3/8 in. long.
15 sockets of steel: hex. openings, 13/32, 15/32, 17/32, 19/32, 5/8, 21/32, 23/32, 25/32, 13/16, 27/32, 29/32, 1, 1 1/32, and 1 3/32 inches.
One 29/32 inch hexagon spark plug socket, No. 402, 4 inches long.

Container: Enameled steel box, the new attractive Frostine finish.
Size of box: 2⅛ by 4¼ by 10⅛ inches.
Packing: Each box in corrugated carton.
Shipping weight: 5¼ pounds.

Price, complete **$9.34**

No. 14 General Service Set

A full line of engineers' open-end wrenches is included—these are for close work, and are thin-model construction.

The set is cleverly packed in a steel kit, every tool is in its place at all times. It contains:

No. 350. Reversible ratchet handle.
No. 331. Sold "Tee" handle, 11 inches long.
No. 322. Offset handle, 10 inches long.
No. 351. Extension bar, 9½ inches.
No. 336. Universal joint.
No. 77. Combination pliers, 6 inches long.

Five engineers' open-end wrenches:

Openings: 5/16, 3/8, ½, 7/16, 9/16, 11/16, ¾, ⅞, 15/16, and 1 1/16 inches.

Three sizes spark plug sockets:

No. 402 opening 29/32 inch hex.
No. 407 opening 31/32 inch hex.
No. 422 opening 1 5/32 inch hex.

Thirty-four guaranteed steel sockets:

Hex.: 5/16, 3/8, 13/32, 7/16, 15/32, ½, 17/32, 19/32, 5/8, 21/32, 11/16, 23/32, 25/32, 13/16, 27/32, ⅞, 29/32, 31/32, 1, 1 1/32, 1 3/32, 1 5/32 and 1 9/32 inches.

Square: 13/32, 15/32, 17/32, 19/32, 21/32, 23/32, 25/32, 23/32, 1 1/32, 1 5/32, and 1 9/32 inches.

Container: Enameled steel box.
Size of kit: 4½ by 12 by 14¼ inches.
Packing: Each kit in corrugated carton.
Shipping Weight: 20 pounds.

Price **$24.00**

Mossberg Wrench Sockets

Small Series Drawn Steel Sockets

Small series sockets are marked to exact opening of socket. The marking of each socket represents the short diameter of nuts, bolt heads and screw heads plus the clearance. Construction: Drawn by pressure from cold rolled steel, thereby retaining the necessary long grain in structure.

Finish: Mottled and lacquered. Complete list of small series sockets.

Hexagon Socket Opening Size Hex. Inches	Fitting: U. S. Standard Nuts Bolt Size Inches	Fitting: S. A. E. Standard Screws Screw Size Inches	Fitting: Hexagon Head Cap Screws Screw Size Inches
5/16	.....	.....	.....
11/32	.....	.....	.....
3/8	.....	.....	.....
13/32	.....	.....	.....
7/16	.....	.....	.....
15/32	.....	1/4	1/4
1/2	.....	.....	.....
17/32	1/4	5/16	5/16
9/16	.....	.....	.....
19/32	.....	3/8	3/8
5/8	5/16	.....	.....
21/32	.....	7/16	7/16
11/16	.....	.....	.....
23/32	3/8	.....	.....
3/4	.....	.....	.....
25/32	.....	1/2	1/2
13/16	7/16	.....	.....
27/32	.....	.....	9/16
7/8	.....	.....	.....
29/32	1/2	9/16	5/8
15/16	.....	.....	.....
31/32	.....	5/8	.....
1	9/16	.....	.....
1 1/32	.....	11/16	3/4
1 3/32	5/8	3/4	.....
1 5/32	.....	.....	7/8
1 9/32	3/4	7/8	1

Square Socket Opening Size Square Inches	Fitting: U. S. Standard Nuts Bolt Size Inches	Fitting: Square Head Set Screws Inches	Fitting: Square Head Coach Screws Inches
13/32	.....	3/8	1/4
15/32	.....	7/16	.....
17/32	1/4	1/2	5/16
19/32	.....	5/16	3/8
21/32	.....	5/8	.....
23/32	3/8	.....	7/16
25/32	.....	3/4	1/2
29/32	1/2	7/8	9/16
1 1/32	9/16	1	.....
1 3/32	.....	.....	5/8
1 9/32	3/4	.....	.....

Height, 1¾ inches.
Price, each $0.34

Large Series Extra "Heavy Duty" Sockets

For Extra Heavy Duty Sockets begin in sizes where the smaller sockets end—and fit up to 1½ inch bolts.

Construction, drawn by pressure from cold sheet steel, thereby retaining the long grain; finish, mottled and lacquered.

Complete list of Extra Heavy Duty Sockets.

Hexagon

Socket Opening Size Hex. Inches	U. S. Standard Bolt Size Inches	S. A. E. Standard Screw Size Inches	Decimal Equivalents Inches
29/32	5/8	3/4	906
1 1/16	5/8	3/4	1 093
1 5/16	3/4	7/8	1.281
1 15/32	7/8	1	1.469
1 11/32	1	1 1/8	1 656
1 27/32	1 1/8	1 1/4	1 841
2 1/32	1 1/4	1 3/8	2 032
2 7/32	1 3/8	1 1/2	2 219
2 13/32	1 1/2		2 406

Square

Socket Opening Size Square Inches	U. S. Standard Bolt Size Inches	Square Head Set Screws Screw Size Inches	Decimal Equivalents Inches
29/32	1/2	7/8	906
1 5/16	5/8	.....	1 093
1 9/16	3/4	1 1/4	1 281
1 15/32	7/8	....	1 469
1 27/32	1	...	1 656
2 1/32	1 1/8		2 032

Price Each $0.80

Extension Bar for Small Series Sockets

No. 351. Length, 9½ inches; packed, 12 in a carton; shipping weight, 12 bars, 8¼ pounds.
Price, each $1.20

Universal Joint for Small Series Sockets

No. 336. Enables adjustments to be made, otherwise impossible to reach. Fits handles, sockets and bars; finish, burnished nickel.
Price, each $1.14

Parts For Mossburg Wrench Sets

Solid "Tee" Handle for Small Series Sockets

No. 331. Construction, ¼ inch special steel bar; finish, burnished nickel; width, 7½ inches; length, 11 inches; packed six in a carton; shipping weight, six handles, 9½ pounds.

Price, each.....$1.00

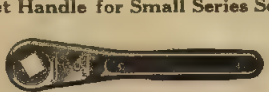
Reversible Ratchet Handle for Small Series Sockets

No. 350. Is the reversible ratchet handle that is responsible for the general adoption of interchangeable sockets.

Construction, heavy steel sheet; finish, buffed nickel; length, 10 inches; packed one in a carton; shipping weight, 18 ounces.

Price, each.....$3.00

Ratchet Handle for Small Series Sockets



No. 355. Is a "Junior" handle—built to do the work under all conditions.

Construction, heavy steel sheet; finish, burnished nickel; length, 8 inches; packed one in a carton; shipping weight, 11 ounces.

Price, each $1.66

Ratchet Socket Wrench Handle for Large Series Sockets Only

No. 387

Made of heavy steel with a leverage length of eighteen inches; every part is proportionally sized to give the great strength necessary.

Construction, heavy plate steel; finish, black; length, 19½ inches; packed, individual cartons; shipping weight, 5 pounds.

Price, each $12.66

Hargrave Brace Wrenches

Standard Square and Hexagon

These wrenches are made of malleable iron, hardened so as to give the greatest durability together with maximum strength.

Each size is accurately drifted to United States standard nut sizes. A shoulder prevents the nut working far up into the wrench and the open shank prevents clogging with dirt and also enables the user to handle the wrench in places where a brace would not go.

*Size opening given below for both Square and Hexagon Wrenches is measurement from flat to flat.

Please Order by Stock Number.

Square Openings

For U. S. Standard Nuts, Set Screws and Lag Screws

Stock No.	*Size Opening Inches	Machine Bolt, (Nut)	Machine Bolt, (Head)	Set Screw, (Head)	Lag Screw, (Head)	Price, Doz.
151	5/16 will fit	.....	5/16	5/16	5/16	$3.50
152	3/8 will fit	7/16	1/4	3/8	1/4	3.50
153	7/16 will fit	.....	.....	7/16	.....	4.00
154	1/2 will fit	1/4	3/8	1/2	5/16	4.50
155	9/16 will fit	5/16	7/16	9/16	3/8	5.00
156	5/8 will fit	3/8	1/2	5/8	.....	6.00
1560	11/16 will fit	7/16	9/16	.....	7/16	6.50
157	25/32 will fit	1/2	5/8	3/4	1/2	7.00
158	7/8 will fit	9/16	3/4	7/8	5/8	7.50
159	1 will fit	5/8	7/8	1	3/4	8.00
160	1 1/16 will fit	3/4	1	1 1/16	7/8	9.00
161	1 1/4 will fit	7/8	1 1/16	1 1/4	1	10.00

Hexagon Openings

For U. S. Standard Nuts and Cap Screws

Stock No.	*Size Opening Inches	Machine Bolt, (Nut)	Machine Bolt, (Head)	Cap Screw, (Head)	Price, Doz.
165	5/16 will fit	.....	3/8	.....	$3.50
166	3/8 will fit	7/16	1/2	.....	3.50
167	7/16 will fit	.....	.....	1/2	4.00
168	1/2 will fit	1/4	5/8	5/8	4.50
169	9/16 will fit	5/16	3/4	3/4	5.00
170	5/8 will fit	.....	.....	7/8	6.00
171	11/16 will fit	3/8	7/8	.....	6.50
172	25/32 will fit	7/16	1	1	7.00
173	7/8 will fit	1/2	1 1/16	1 1/16	7.50
1731	1 will fit	5/8	1 1/4	1 1/4	8.00
1732	1 1/16 will fit	5/8	1 3/8	1 3/8	9.00
1733	1 1/4 will fit	3/4	.....	1	10.00

Hol-Set Wrenches

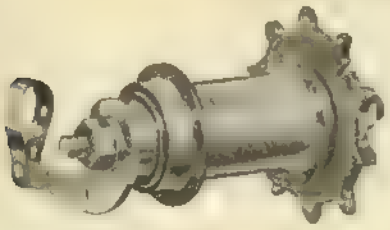
A Wrench That Fits 90% of Nuts on All Cars

The Hol-Set Wrench consists of a speed brace on which are placed for convenience in carrying and keeping together 7 sockets and a universal joint, together with a valve grinder attachment and valve lifter attachment. An "L" handle is also furnished with set. Price..... $4.50

Fitz-All Wrench Sets

No. 2068—Consists of six drop forge tempered, semi-finished wrenches—¼ to ¾ capacity. Price of set $1.60

COASTER BRAKES, HUBS AND WHEELS



NEW MORROW V BRAKE

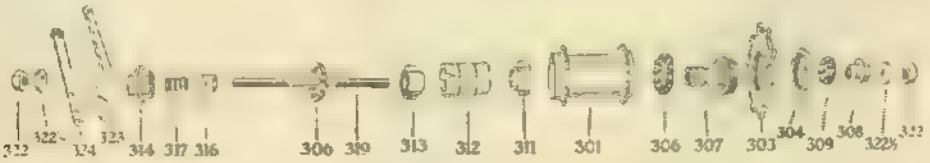
Each

Smooth, powerful braking action with a positive forward drive. Simple in construction, compact and graceful in appearance..... $5 00

NEW DEPARTURE C BRAKE

Each

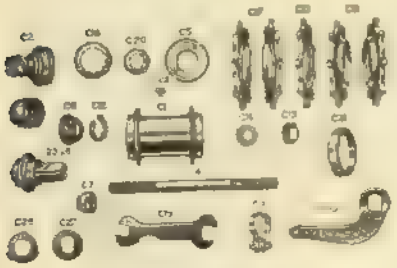
Smaller and lighter model. Larger range of braking power. Braking mechanism operates on the multiple disc friction clutch..... $5 00



MORROW "V" (new) COASTER BRAKE PARTS PRICE LIST

301V—Hub Shell $2 00
303V Sprocket 40
303V Sprocket in 11, 12, 13 and 14 Tooth Size..... 65
304V—Sprocket Lock Nut... 25
306V—Ball Retainer (2 used) complete with 11 (¼-inch balls) each..... 15
307V—Driving Screw 1 00
308V—Adjusting Cone 20
309V Ball Retainer (small) complete with 7 (¼-inch balls) 10
311V—Driving Clutch 50
312V—Brake Sleeve complete... 1 00
313V Brake Expander 50
314V—Anchor Cone 50
316V—Brass Retarder 10
317V—Coil Spring 10
319V—Axle 15
322V Axle Nuts (2 used) each. 05
322½V—Axle Washer (2 used) each 02½
323V—Brake Arm 40
324V Arm Clip, band, bolt and nut 10

PRICE LIST OF PARTS—MODEL C



No. C 1—Hub Shell $2 00
No. C 2—Lever 85
No. C 3—Clutch Sleeve 40
No. C 4 Axle 15
No. C 5 Sprocket Set Nut 30
No. C 6—Brake Clutch 50
No. C 7—Axle Adjusting Cone.. 15
No. C10—Brake Arm Complete. 65
No. C 11—Clip, Nut and Bolt.... 15
No. C12—Transfer Spring 10
No. C13—Axle Nut 04
No. C14—Axle Washer, per pair 02
No. C16—Large Ball Retainers.. 15
No. C17—Sprocket, 1-16 inch offset 7 to 10 tooth 40
No. C18—Sprocket, 3-16 inch offset 7 to 10 tooth 40
No. C21 Straight Sprocket 7 to 10 tooth 40
No. C19—Wrench 25
No. C20 Small Ball Retainers 10
No. C23-26—Disc Support Sleeve 1 20
No. C27—Steel Disc, set of six. 30
No. C28—Bronze Disc, set of six 30
No. C29—Oiler 05
No. C31—Dust Cap 10

ECLIPSE FRONT HUB

Each

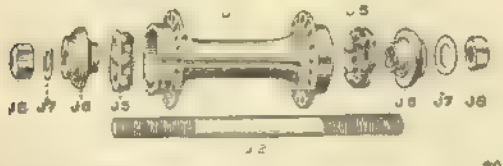
28, 32, 36 Hole $1 00

NEW DEPARTURE FRONT HUB

Each

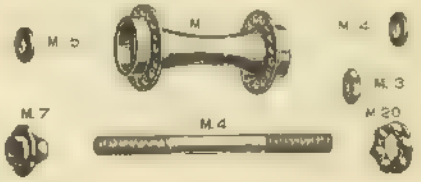
36 Hole $1 00

ECLIPSE CONCAVE FRONT BICYCLE HUB PARTS



No. J1—Hub Case $0 75
No. J2—Axle 15
No. J5—Retainer with 6 (⅛-in. balls) 2 used..(each) 10
No. J6—Cone (2) .....(each) 10
No. J7—Washer (2) .....(each) 05
No. J8—Nut .....(each) 05

NEW DEPARTURE FRONT HUB PARTS



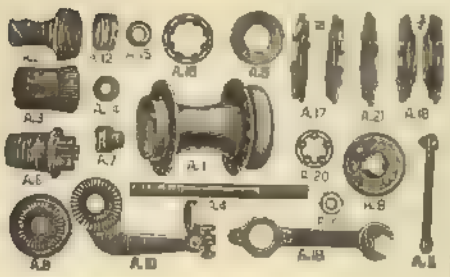
No. M 1—Hub Shell $0 70
No. M 7—Cones (2), each 10
No. M 4—Axle 07
No. M20—Ball Retainer 07
No. M13—Axle Nut, each 02
No. M15—Socket Washer, per pair 02
No. M14—Axle Washer, plain, per pair. 01

COASTER BRAKE PARTS

PRICE LIST OF PARTS FOR THE 1904 TO 1910 MORROW BRAKE

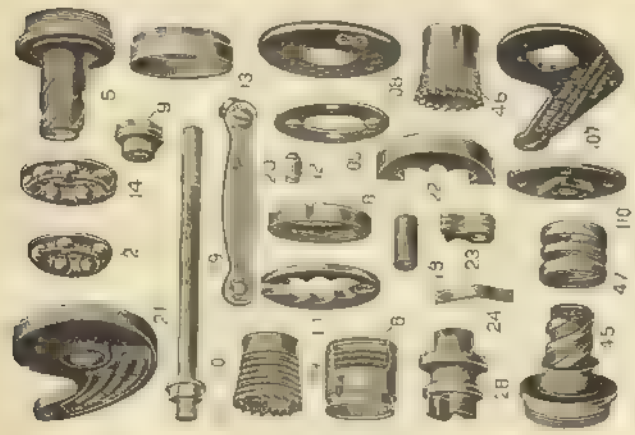
101—Hub Case	$3 50	109—Ball Retainer, for axle cone	12	118—Dust Cap, arm side.	$0 15
102—Oil Hole Cover and Screw.	05	110—Clutch Rings, per pair	$0 50	119—Axle	20
103—Sprocket	40	110½—Clutch Retainer Ring.	10	120—Axle Bushing	20
103—Sprocket—11, 12, 13 Tooth.	65	112—Brake Sleeve	1 25	121—Wire Stop (underneath axle bushing)	05
104—Sprocket Lock Nut	25	113—Sleeve Expander, with teeth	50	122—Axle Nut	05
105—Sprocket Dust Cap	10	114—Cone, arm side	50	123—Arm	40
106—Ball Retainer, sprocket side	20	115—Ball Retainer, arm side	20	124—Arm Clip, complete	10
107—Driving Screw	1 25	116—Retarder Washer	12	127—Washer for lost motion	02
108—Axle Cone, adjusting	30	117—Retarder Spring	12		

ILLUSTRATION OF NEW DEPARTURE BRAKE PARTS



No.	Description.	Price.	No.	Description.	Price.
A 1	Hub Shell	$2 20	A12	Transfer Sleeve	$0 10
A 2	Driver	1 00	A17	Sprocket, 1-16 in. offset.	40
A 3	Clutch Sleeve	40	A21	Straight Sprocket	40
A 4	Axle	15	A18	Sprocket, 3-16 in. offset	40
A 5	Sprocket Set Nut	30	A19	Wrench	25
A 6	Brake Clutch	70	A16	Large Ball Retainer	15
A 7	Axle Adjusting Cone	15	A20	Small Ball Retainer	10
A 8	Brake, complete	80	A14	Axle Washer, plain, per pair	02
A 9	Brake Disc	55	A15	Socket Washer	02
A10	Brake Arm	55	A13	Axle Nut	04
A11	Clip, Nut & Bolt, per set.	15			

ILLUSTRATION OF CORBIN BRAKE PARTS



In ordering Hub Shell always state number of spoke holes wanted.

LIST OF PARTS, MODELS 1904 TO 1911

		Each
1	Hub shell, Model 5	$2 20
2	Small Ball Retainer for Adj. Cone (including Balls).	10
5	Driver for Model 5	1 00
6	Transfer Sleeve for Model 5	$0 15
8	Sprocket Lock Nut, Models 6, 7 and 8	30
9	Right Side Adjusting Cone, Models 6, 7 and 8	15
10	Axle Washer, Models 6, 7 and 8, pair	02
11	Axle Nut, Models 6, 7 and 8	04
13	Dust Cap, Models 6, 7 and 8	25
14	Large Ball Retainer (including Balls), Models 6, 7 and 8	15
15	Sprockets, 7, 8, 9, 10 tooth	40
15	Sprockets, 11 and 14 tooth	60
15	Sprockets, 16 tooth	85
18	Bushings, Models, 6, 7 and 8	25
19	Axle, Models 6, 7 and 8	15
20	Band Connecting Brake Arm to Frame (including Bolt and Nut), Models 6, 7 and 8	15
22	Brake Shoes, Models 6 and 8, per pair	40
23	Brake Shoe Levers, Models 6, 7 and 8, set	25
24	Brake Shoe Springs, Models 6 and 8, set of 4	15
28	Braking Clutch, Models 6, 7 and 8	70
29	Driving Clutch for Model 5	40
31	Wrench, Models 6, 7 and 8	15
45	Driver for Models 6, 7 and 8	1 00
46	Driving Clutch for Models 6, 7 and 8	40
47	Transfer Sleeve for Models 6, 7 and 8.	15
48	Hub Shell for Models 6, 7 and 8	2 20
107	Arm of Models 7 and 8	55
108	Dust Cap for Models 7 and 8	25
109	Inside Washer for Model 7	05
110	Anchor Plate, Models 7 and 8	80
111	Brake Shoes for Model 7, set	40
113	Anchor Stud for Models 7 and 8	10

Hanger complete, each...$7 00
Cups, all sizes, per pair... 80
Cones, all sizes, per pair.. 80
Extra Sprockets, 24 or 26 tooth, 3-16 thick, each... 2 00

STEVENS REPAIR HANGERS

Below we give a list of all the cups and cones and their sizes and also state which cups each pair of cones will fit. Every cup and cone has a number. Order by numbers

	CONES			CUPS		
Fit Cup Group No.	Cone Number	Outside Diameter	Inside Size	Cup Number	Outside Diameter	Balls
1	551 552	1⅜ 1¾	11/16x24 L. H. ⅝x24 R. H.	Group No. 1 — 501 502 503	1⅝ inches 1 17/32 " 1 9/16 "	¼ ⅛ ⅛
2	553 554	1 7/16 1 7/16	11/16x24 L. H. ⅝x24 R. H.	Group No. 2 — 504 505 506 507 508	1 19/32 " 1 ⅝ " 1 21/32 " 1 11/16 " 1 23/32 "	5/32 5/32 5/32 5/32 5/32
3	555 556	1⅜ 1⅜	11/16x24 L. H. ⅝x24 R. H.	Group No. 3 — 509 510 511 512 513	1 25/32 " 1 26/32 " 1 13/16 " 1 27/32 " [illegible]	¼ ¼ ¼ ¼ ¼
4	557 558	1⅜ 1⅜	11/16x24 L. H. ⅝x24 R. H.	Group No. 4 — 514 515 516 517	1 28/32 " 1 15/16 " 1 29/32 " 2 "	5/16 5/16 5/16 5/16
5	559 560	1 15/16 1 15/16	11/16x24 L. H. ⅝x24 R. H.	Group No. 5 — 518 519 520 521	2 1/32 " 2 1/16 " 2 3/32 " 2 ⅛ "	3/16 3/16 3/16 3/16

STAR BALL RETAINERS

No.	To Be Used	Price, Each
4.	New Dep.	$0 10
5.	Corbin, Front	10
6.	Pope Front, Arnold Schwinn & Snyder	10
10	New Dep. Front Corbin	10
13.	Corbin, Eclipse Hub, Pope Hub, Snyder Hub	10
16	New Dep., Arnold Schwinn	10
19.	Corbin, Miami Hanger	10
23	Eclipse Brake, Morrow Brake	15
24	N. D. Brake	15
29.	Pope Head, Gt. Western Head, and Snyder Head	15
30	Pope Hanger	15
31.	Corbin Brake	15
34	N. D. Mfg. Co., Corbin	15
35	Pope Head	15
36	Miami Head, Gt. Western Reading Std.	15
37	Miami Brake, Pope Hanger and Hub	15
39	Iver Johnson, Snyder Head	15
46.	New Dep. Brake, Miami Hanger, Iver Johnson Hanger	20
47.	Miami Brake	20
52.		20
53.		20
55.	Gt. Western Hanger, Snyder	20
56.	Eclipse Brake Morrow	20
60.	Corbin Brake, Reading Std. Hanger	20
62.	Hangers	20
63	Pope Hangers, Reading Std	20
64.	Pope Hanger	20
66.	Snyder Hanger (new) Arnold Schwinn	20
67.	New Dep.	20
68.	Reading Std.	20
69.	Eclipse Brake Morrow	20
73.	Pope Head Set Gt. Western	20
91.	Racycle	20

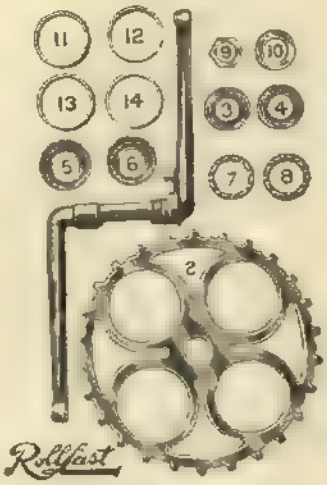
STEVENS ONE PIECE REPAIR HANGERS

Complete with Cups and Cones.....$7 00
Hangers only 3 00

FAUBER REPAIR HANGERS

Complete $7 50
Hangers only 3 50

ROLL FAST REPAIR HANGER

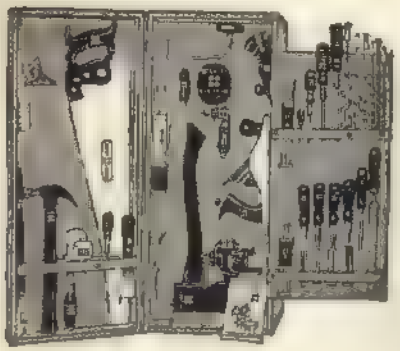


It consists of a shaft and crank in one piece. Cranks 7 inches long. Sprocket 24 or 26 teeth. Crank shaft is 3¼ inches long from inside sprocket to adjusting lock nut and will fit brackets from 2 [illegible] to 3½ inches wide. **Has cups 25-32 of an inch in diameter.**

	Each
Price, complete	$7 50
Crank Hanger only	2 70

TOOL CABINETS

STANLEY



No. 861

Contains 32 Four Square Tools.

Made of oak, finished in dark stain on the outside and in a light stain on the inside. Joints notched and glued. There are three hinges, two catches and a carrying handle. The hinged panel on the right carrying the small tools, closes inside the front and back which makes a very compact cabinet.

Contains one each of Stanley Four Square Household Tools as follows:

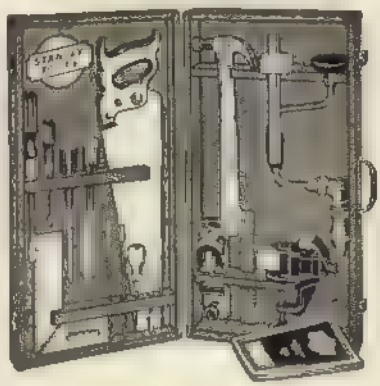
1 Hammer, 14½ oz
1 Rule (Zig-Zag), 4 ft.
1 Rule (Boxwood), 2 ft.
1 Screw Driver, 5 in.
1 Screw Driver, 4 in.
1 Screw Driver, 2½ in.
1 Screw Driver, 1½ in.
1 Saw (Hand), 24 in.
1 Pair Pliers, 6½ in.
1 Awl, 5 in.
1 Pry Bar, 15 in.
1 Hand Axe, 18 in.
1 Bit Brace, 8 in.
1 Auger Bit, ¼ in.
1 Auger Bit, ⅜ in.
1 Auger Bit, ½ in.
1 Auger Bit, ⅝ in.
1 Auger Bit, ¾ in.
1 Auger Bit, 1 in.
1 Vise.
1 Pipe Wrench, 10 in.
1 Jack Plane, 11½ in.
1 Block Plane, 6½ in.
1 Chisel, ⅜ in.
1 Chisel, ½ in.
1 Chisel, ¾ in.
1 Chisel, 1 in.
1 Try and Mitre Square, 7 in.
1 Level, 18 in.
1 Mill File, 8 in.
1 Slim Taper File, 6 in.
1 Putty Knife.

Plan No. 872, "How to Make a Work Bench," packed with this Chest.

No. 861. 11¾ in. wide, 7 in. deep, 29 in. high. Net wt. 43 lbs. Shipping wt., 62 lbs. .....Each **$40 00**

TOOL CHESTS

STANLEY



No. 903.

Contains 17 Tools.

Made of oak, finished in a dark stain and varnished. Tops and bottoms set in. Joints notched and glued. There are three hinges, two catches and a carrying handle.

Contains 17 tools as follows:

1 Hammer, 13 oz., No. 12.
1 Screw Driver, 6 in., No. 20.
1 Screw Driver, 3 in., No. 50.
1 Rule (Zig-Zag), 4 ft., No. 04
1 Saw (Hand), 16 in.
1 Try and Mitre Square, 7½ in., No. 2.
1 Marking Gauge, No. 62.
1 Plane (Block), 7 in., No. 220.
1 Chisel, ¼ in., No. 50.
1 Chisel, ¾ in., No. 50.
1 Bit Brace, 8 in., No. 945.
1 Auger Bit, ¼ in.
1 Auger Bit, ⅝ in.
1 Gimlet Bit, No. 6.
1 Screw Driver Bit, ¼ in., No. 26.
1 Awl, 1¼ in.
1 Vise, No. 741.
1 Package Corrugated Fasteners.

Plan No. 872, "How to Make a Work Bench," packed with this Chest.

No. 903. 11⅝ inches wide; 4⅜ inches deep; 21½ inches long. Net wt. 18 lbs. Ship. wt. 28 lbs..Each **$20 00**

TOOL CHESTS

STANLEY

NO. 875

Twenty-three Tools in a Wood Chest.

The chest is made of selected wood, the sides are set in, nailed and glued. It has two hinges and a hasp for a padlock. A sliding tray for nails, etc. Chest lacquered in two colors.

Contains 23 tools as follows:

1 Saw, 16 inch.
1 Hammer, No. 012, 13 oz
1 Scratch Awl, No. 1.
1 Auger Bit, ¼ inch.
1 Auger Bit, ½ inch.
1 Bit Brace, No. 975, 10 inch.
1 Chisel, ⅜ inch.
1 Pair Pliers.
1 Slim Taper File.
1 Plane, No. 1247.
1 Fold Rule, No. 1224, 4 feet.
1 Screw Driver, No. 1270, 3 inch.
1 Screw Driver, No. 1270, 4 inch.
1 Screw Driver, No. 1270, 6 inch.
1 Try Square, No. 1280, 6 inch.
1 Marking Gauge, No. 61.
1 Vise, No. 741.
1 Level, 12 inch.
1 Screw Driver Bit, No. 26, 5/16 in.
1 Nail Set.
1 Box Assorted Screws.
1 Pkg. Corrugated Fasteners.
1 Plan: How to Make Bird Houses, Shelters, Feeding Boxes, etc.

No. 875. 10¼ in. wide, 4 in. deep, 24¼ in. long. Wt. 17 lbs..Each **$15 95**

TOOL CHESTS

STANLEY

NO. 876

Seventeen Tools in a Wood Chest.

The chest is made of selected wood, the sides are set in, nailed and glued. It has two hinges and a hasp for a padlock. A sliding tray for nails, etc. lacquered in two colors.

Chest contains 17 tools as follows:

1 Plane, No. 102.
1 Hammer, No. 012, 13 oz.
1 Screw Driver, No. 1270, 3 inch.
1 Screw Driver, No. 1270, 5 inch.
1 Boxwood Rule, No. 168, 2 feet.
1 Bit Brace, No. 966, 8 inch.
1 Marking Gauge, No. 61.
1 Try Square, No. 1280, 6 inch.
1 Scratch Awl, No. 1.
1 Auger Bit, ⅝ inch.
1 Saw, 14 inch.
1 Level, 12 inch.
1 Chisel, ⅝ inch.
1 Slim Taper File.
1 Box Assorted Screws.
1 Pkg. Corrugated Fasteners.
1 Plan: How to Make Bird Houses Shelters, Feeding Boxes, etc.

No. 876. 8¾ in. wide, 4 in. deep, 22 in. long. Wt. 11 lbs.....Each **$10 85**

NO. 877

Seventeen Tools in a Wood Chest.

The chest is made of selected wood, the sides are set in, nailed and glued. It has two hinges and two catches. Chest is lacquered a bright red.

Contains 17 tools as follows:

1 Hammer, No. 212½, 10 oz
1 Saw, 12 inches
1 Bit Brace, 8 inches
1 Gimlet Bit, No. 6.
1 Try Square, No. 1280, 6 inch.
1 Plane, No. 205.
1 Rule, No. 1222, 2 ft. folding.
1 Level, 12 inch.
1 Screw Driver, No. 1270, 3 inch.
1 Screw Driver, No. 1270, 5 inch.
1 Coping Saw and Blade, No. 100.
1 Sheet Sandpaper, fine, 4½x5½ ins.
1 Sheet Sandpaper, coarse, 4½x5½ inches.
1 Pkg. Corrugated Fasteners
1 Pkg. Assorted Screws.
1 Pkg. Assorted Nails.
1 Wood Sanding Block.
1 Wood Mitre Box

No. 877. 8¾ in. wide, 4 in. deep, 21⅜ in. long. Wt. 10½ lbs.....Each **$5 75**

No. 906.

Twelve Tools in an Attractive Cardboard Display Box.

Contains 12 tools as follows:

1 Hammer, 13 oz., No. 12.
1 Rule, 2 ft., No. 68A.
1 Screw Driver, 4 in., No. 70.
1 Chisel, ⅜ in., socket. No. 440.
1 Chisel, ¾ in., socket. No. 440
1 Saw (Hand), 14 in.
1 Plane (Block), 7 in., No. 220
1 Try Square, 4½ in., No. 20
1 Marking Gauge, No. 61.
1 Bit Brace, 8 in, No. 965N.
1 Auger Bit, ¼ in.
1 Auger Bit, ⅝ in.
1 Pkg. Corrugated Fasteners.
1 Pair Hinges with Screws.

Plan No. 870. "How to Make a Smal Tool Chest," packed with this assortment

No. 906. 7½ inches wide, 3 inches deep, 18½ inches long, packed in corrugated board container for protection in handling and shipping. Wt. 6 lbs. .....Each **$10 00**

No. 907.

Seven Tools in an Attractive Cardboard Display Box.

Contains 7 tools as follows:

1 Hammer, 10 oz., No. 12.
1 Rule, 2 ft., No. 68A.
1 Screw Driver, 4 in., No. 70.
1 Saw (Hand), 14 in.
1 Bit Brace, 8 in., No. 966
1 Auger Bit, ⅝ in.
1 Marking Gauge No. 61.
1 Pkg. Corrugated Fasteners
1 Pair Hinges with Screws.

Plan No. 870. "How to Make a Small Tool Chest," packed with this assortment.

No. 907. 7½ in. wide, 3 in. deep, and 18½ inches long, packed in a corrugated board container for protection in handling and shipping. Wt. 4 lbs. .....Each **$5 00**

SPLICING CLAMPS

KLEIN'S

No. 103-3. Length 10¾ inches; has one oval hole and 5 round holes which take all sizes of iron wire from 4 to 14 Birmingham gauge and all sizes of copper wire from 2 to 12 B. & S. gauge Wt. each, 1⅛ lbs .....Each $4 50

Half a dozen in a box

KLEIN'S REVERSIBLE

No. 132-15. Length 11¼ inches; has five round holes for twisting bare wire, one oval hole for guy strand. For copper wire, 4 to 12 B. & S. and iron wire, 6 to 14; reverse side has five double chambers for twisting copper sleeves Nos. 6 to 17, iron sleeves Nos. 8 to 19; oval hole, .437 x .624. Wt. 1¼ lbs. .....Each $5 50

Half a dozen in a box.

WIRE CLAMPS

KLEIN'S

(Haven's Pattern).

Forged from crucible tool steel, the eccentric or dog is hand cut, hardened and tempered; rivets are steel, machine turned; it will not slip, heavy strain only making it grip the tighter; a shake on the rope or tackle releases the grip

No. 1604-10. For No. 8 wire and smaller. Wt. each, 1 lb....Each $3 00

No. 1604-20. For ⅜ inch wire and smaller. Wt. each, 2½ lbs..Each $5 00

Open stock.

LINEMENS' CLIMBERS

KLEIN'S

EASTERN PATTERN

The leg iron or shank is made of spring steel; the gaff or spur is forged from tool steel and hand riveted to the shank. Measured from the instep to the end of shank.

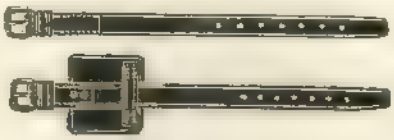
No. 1901. Without straps; lengths 16-16½-17 inches; punched strap loops Wt. pair 3½ lbs. .....Pair $5 50

One pair in a box.

CLIMBER STRAPS

KLEIN'S

FOR EASTERN CLIMBERS



Set consists of two upper straps with 4 x 4 inch plain leather pads and two lower straps, as shown in cut. Made of select oak tanned harness leather, extra heavy drop forged roller buckles; 22 inches long overall, 1¼ inches wide.

No. 5301-1. Wt. set, 1¼ lbs...Set $4 25

BELTS AND SAFETY STRAPS

KLEIN'S

No. 5206-1A. First quality harness leather throughout. Made up of Tool Belt No. 5202 and Safety Strap No. 5250, see descriptions following. Wt. ea., 5¼ lbs. .....Each $12 50

SAFETY STRAPS ONLY

No. 5250. 1¾ inches wide, 6 ft. long; made from first quality harness leather, back or center stock only; copper riveted; drop forged roller snaps and buckles tested to 1500 lbs., galvanized finish; straps lengthened or shortened by adjusting buckles. Reinforced both ends with copper safety clips, riveted through double thickness of leather Wt. ea., 2½ lbs. .....Each $6 50

TOOL BELTS ONLY

No. 5202. Width 2¼ inches. Made of select first quality harness leather; the cushion, 2¼ inches wide, carries the D rings; the outer loop layer is 1½ inches wide formed into tool loops by riveting to the cushion; it also passes through the D rings and is furnished with a strong buckle; D rings and buckle are drop forged, tested to 1500 lbs; surfaces taking wear of D rings are protected with copper safety liners riveted through full thickness of belt; copper rivets; sewing, linen thread lock stitched; D rings and buckles, galvanized finish. Wt. ea., 2½ lb..Each $6 00

All above, open stock

Superior Quality Imported Westminster Chime Hall Clocks

Portrayed below is an additional showing of the Superior Quality Imported Westminster Chime and Strike Hall Clocks, which are attractively priced in this selling

These clocks are not only beautiful to the eye—they are also as near trouble-proof as it is possible for a clock to be. Built by experienced clock makers whose entire lives have been devoted to exclusive high-class clock building

Finest workmanship, attractive styles, rich in tone, the ability to give long service, these superior quality clocks are quick to be admired—long to be enjoyed

It is not only their appeal of rich beauty and timely designs, but also their evident usefulness that makes these superior quality clocks so practical

DESCRIPTION OF MOVEMENTS

MOVEMENT "DU"—Westminster Chime, large five tube movement, arch moon dial, eight-day. Three train extra heavy brass plates, dead beat escapement maintaining power. All wheels of hard brass, pinions of hardened and tempered steel. Renders the Westminster Chime on the Quarter, Half, Three-Quarter and on Hour on five tubes.

MOVEMENT "FU"—Westminster and St. John's Chime, large movement, arch moon dial, 8-day. Strikes on seven tubes, each quarter also on hour. This movement plays either the Westminster Chime or the St. John's Chime and is equipped with seven tubes. Either one of the chimes may be played at the option of the owner and the chime desired is obtained by merely moving an indicator on the dial. Also by moving other indicators the chimes may be entirely silenced or the strike may be silenced, or both if desired.

MOVEMENT "DX"—Westminster Chime, small five tube movement, arch moon dial, eight day, three train extra heavy brass plates, dead beat escapement maintaining power. All wheels of hard brass, pinions of hardened and tempered steel. Renders the Westminster Chime on the Quarter, Half, Three-Quarter and on Hour on five tubes.

MOVEMENT "E"—Westminster, Whittington and St. John's Chime, large movement, strikes on nine tubes, each quarter also on the hour. Any one of the chimes, Westminster, Whittington or St. John's may be played at the option of the owner. The chime desired is obtained by merely moving the indicator on the dial. Also by moving other indicators the chimes may be entirely silenced or the strike may be silenced, or both. This movement is of particularly high-grade quality in construction and has the same general construction as movements "DU" or "FU".

GIFTS THAT LAST

WESTMINSTER CHIME HALL CLOCK
Large 5 Tube Movement. Arch Moon Dial

Very finest quality Imported movement Westminster Chime, striking on 5 tubes each quarter, also on hour. Three weight, 8-day movement. Unusually high quality attractive brass and Silver dial, 11 by 18 inches, saw pierced ornaments, hand painted moving moon wheel. Fitted in a Massive SOLID MAHOGANY CABINET, (Dove model) and finished in a rich hand rubbed Brown. Artistic grained glass door. Height, 86 inches. Width, 23 inches. Depth, 16 inches.

No. 8P905DU As above. Each $598.80
(For description of movement refer to "DU" above)

SAME AS ABOVE EXCEPT FITTED WITH LARGE 7 TUBE MOVEMENT

Westminster and St. John's chime striking on 7 tubes each quarter also on hour. Three weight, 8-day movement.

No. 8P905FU As above. Each $646.30
(For description of movement refer to "FU" above)

WESTMINSTER CHIME HALL CLOCK
Large 5 Tube Movement. Arch Moon Dial

Imported movement of the highest quality and standard of perfection. Westminster Chime movement, 8-day, three-weight striking on 5 LARGE tubes each quarter, also on hour. Massive cathedral Brass and Silver dial, size 11x18 inches, with extra saw pierced ornaments and hand painted moving Moon Wheel.

Hand made SOLID MAHOGANY CABINET, symmetrically designed, enriched with beautifully fluted columns and artistic wood grill, and finished in a lovely brown.

Height 82 inches. Width 23 inches. Depth 16 inches.

A clock of unfailing accuracy. Finest workmanship and finish.

No. 8P800DU As above. Each $540.50
(For description of movement refer to "DU" above).

SAME AS ABOVE EXCEPT IN LARGE 7 TUBE MOVEMENT

Westminster and St. John's Chimes striking on 7 tubes each quarter also on hour. Three weight 8-day Movement.

No. 8P800FU As above. Each $588.80
(For description of movement refer to "FU" above)

WESTMINSTER, WHITTINGTON AND ST. JOHN'S CHIME HALL CLOCK
Large 9-Tube Movement. Arch Moon Dial

Of regal appearance. Mastership construction. Finest Imported movement on the market. An unfaltering accurate timekeeper. **Westminster, Whittington and St. John's Chime,** striking on 9 Tubes each quarter and on hour. Three weight 8-day movement of unusually fine construction. Brass and Silver Arch Moon Dial, size 19x31 inches, saw pierced ornaments enriched with Hand Painted Moving Moon Wheel, enamel numerals.

Hand Made SOLID MAHOGANY CABINET, massive weight, hand carved, of very finest workmanship, finished in a rich and beautiful Brown. Art glass grill in glass door.

Height 88 inches. Width 25 inches. Depth 18 inches.

We have priced this clock exceptionally low in this selling. The value is really extraordinary. A suggestive article as an exclusive and very high grade Wedding or Anniversary gift.

No. 8P1000E Each $834.90
(For description of movement refer to "E" above)

The NEW WAGNER Radio

New Perfected All Electric Screen Grid—Balanced Tone

The New WAGNER Table Model—7-Tube Set

Choice of Speakers

Everything you want in a radio—everything that radio can give you is offered in the new WAGNER. This new set has a tremendous new power to pick and select the station and program you want, and reproduce the speech and music with a living, vital REALNESS that never before was thought possible! No hum! No background of noise or distortion! Nothing but the pure joy and pleasure of listening to the best programs on the air reproduced by your new WAGNER without distortion and without over-emphasis on the higher or lower notes. All this, as a result of the newest perfected Screen-Grid (also called Shielded-Grid) tubes, and the marvelous new type 245 power tubes.

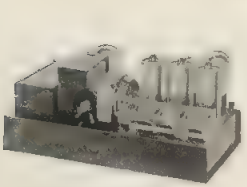
Such rare fidelity of tone comes from the special balanced circuits licensed under R. C. A. patent(s), and the careful matching and balancing of the smallest parts used. The new WAGNER 7-tube (with rectifier) table model set shown above, offers luxurious radio quality in its most convenient most compact form. The wonderfully attractive old gold finished metal cabinet measures only 17½ inches long. You have your choice of the sweet-toned Magnetic-Cone speaker pictured above, in an attractive gold bronze finish, faced with beautiful gold silk, size 18 inches in diameter, or the powerful new Super-Dynamic speaker, in a hand-rubbed Walnut case, as shown below. For the greatest volume, the dynamic speaker is recommended.

No set is easier to tune. Just one dial to turn to select the station and program you wish to bring in. Then turn the other large, comfortable dial to control the volume, to make the tone soft or loud. There's nothing else to adjust! Costs only a fraction of a cent an hour for electricity. Size of cabinet is 17½x9x7½ inches. Shipping weight 37 lbs. Master aerial kit and instructions free with every set. The WAGNER is backed by the John Plain 100% Guarantee.

Table Model with Magnetic-Cone or Super-Dynamic Speaker

9G70011	Set only. PRICE	**$99.50**
9G70012	Set with Magnetic-Cone Speaker. PRICE	**117.50**
9G70013	Set with Super-Dynamic Speaker. PRICE	**139.50**
9G70014	Set of 7 AC tubes for table set (the above prices are without tubes. PRICE	**34.50**

If you wish the set complete, with nothing else to buy, order 9G70014 in addition to either 9G70012 or 9G70013. Complete master aerial set and instructions sent free with every WAGNER.

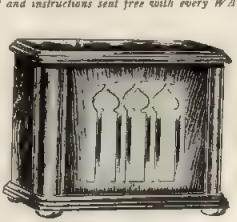


DESCRIPTION OF 7-TUBE SET

Uses 3 Screen-Grid Tubes

The new WAGNER 7-tube receiver is built with a two-unit chassis that segregates the power and radio circuits. It is of completely shielded construction, licensed under R. C. A. patents. Seven tubes are used, including three type 224 screen-grid tubes, two 227 tubes, one 245 power tube and one 280 full wave rectifier tube. The remarkable efficiency of the screen-grid tubes makes this set super-selective, sensitive and powerful. Well balanced audio system and improved detector give life-like depth and beauty of tone.

The Table Model 7-tube WAGNER has three sharply tuned circuits. The 7-tube chassis in the Symphony WAGNER shown on the following page, has four tuned circuits with a special type of power detector. True one-dial control with illuminated scale, graduated in kilocycles and reference numbers. Over-size built-in power pack operates direct from light socket. Smooth, clear performance under all conditions. For distinguished Symphony Console Model, see next page.



DYNAMIC SPEAKER FOR ABOVE TABLE MODEL

No radio is better than its speaker. You have your choice of the attractive Magnetic-Cone speaker, pictured at the top of this page, or this handsome Super-Dynamic speaker shown above. The dynamic speaker contains the same Electro-Dynamic unit as is used in the two distinguished WAGNER models described on the following page. For ordinary use, the Magnetic Cone speaker is sufficient but for the finest and best in radio reproduction, where unusually powerful, undistorted volume is desired, the dynamic is recommended. Size of dynamic speaker is 13¾ inches high, 15 inches wide and 10¼ inches deep, of hand rubbed Walnut.

DESCRIPTION OF 9-TUBE SET

Uses 4 Screen-Grid Tubes

The mighty, new, 9-tube WAGNER has special features of design and construction that never before were available in any radio receiver. Power detection. Perfected screen grid circuit. Push-pull power amplification! Uses four type 224 screen-grid tubes, two new 245 power tubes, nine tubes in all, including two 227 tubes and one 280 full wave rectifier tube.

The screen-grid tubes are used in one stage of a periodically tuned radio frequency and three stages of sharply tuned radio frequency. A power detector is used, and is resistance coupled to the first audio stage. Hum is thus eliminated. The chassis is fully shielded against inside and outside interference, which results in sharp, razor-edged selectivity. Two 245 tubes are connected in push-pull giving an enormous amplification factor. The output is perfectly matched to the Super-Dynamic Speaker.

One single illuminated dial to tune. So silently as the new WAGNER operated, that you actually need the tiny dial light inside the set to tell whether it's turned on or off. For Composer Model see next page for illustration and prices.

The NEW WAGNER Radio

Luxurious Cabinets of Genuine Walnut

Super-Dynamic Speaker
Screen-Grid Circuits
Rare Fidelity of Tone
Amazing Reserve Power

THE SYMPHONY

WAGNER 7-Tube Screen-Grid Radio

We are proud to present the WAGNER as the newest achievement in radio. A perfectly synchronized, high-powered, high-gain receiver of great selectivity—combining power detection, screen-grid circuit, power amplifier, electro dynamic speaker and sturdy "battleship" construction, that maintains absolute rigidity and hair-line uni-balance. Housed in an exquisite two-tone Walnut Lowboy console cabinet, with five-ply top and three-ply sides, with all the rich beauty of the natural grain brought out by the careful matching of the woods and the soft-hand-rubbed finish.

The powerful Super-Dynamic speaker and the new type 245 power tube, bring a new meaning to tone reproduction. The three screen-grid tubes provide power not equalled by 20 ordinary tubes. Get the feel of this enormous power under your control. Try the new needle-point selectivity! The pick of the air is yours with the new WAGNER! One knob to select your station, one knob to control the tone from a whisper to full auditorium volume. The other knob turns the set on or off! No other adjustments.

Compare the new WAGNER in tone—in power—in selectivity—in quietness and ease of operation. Compare the new WAGNER with any other double the price—*for* performance, for beauty and value. Only a substantially higher price will purchase radio quality comparable to that offered in WAGNER

The Symphony console measures 39 inches high, 27¼ inches wide, 18 inches deep. Power dynamic speaker is built-in, scientifically baffled and matched to the output of set. Shipping weight complete about 150 lbs.

Every feature in the new WAGNER has been carefully tested and proved. The tubes we furnish are made by the latest modern equipment under R. C. A. patents. The tubes are all tested and matched. We back the new WAGNER and all equipment with the John Plain 100% guarantee.

9G70015 Without tubes. PRICE..... **$169.50**
9G70016 Complete with tubes. PRICE..... **204.00**

AERIAL SET FREE WITH EVERY SET

With every WAGNER, we furnish without charge, a complete Master aerial set, including a lightning arrester and full instructions

THE COMPOSER

WAGNER 9-Tube Screen-Grid Radio

The mighty new WAGNER 9-tube set reaches the peak of radio performance. Every notable development of radio science has been incorporated in the design and construction of this great new receiver. Screen-grid—wonderful new principle of radio—is applied with almost unbelievable results. Power detection gives this new set the power and reach of a giant. Push-pull power amplification with two new 245 power tubes, for a great reservoir of power that may never be used but is always there. Power to bring in even the distant stations with auditorium volume. Power that thrills when you bring in far distant stations with the clarity and strength of locals.

The beautiful Walnut Highboy Console cabinet is worthy of the wonderful receiver it contains. Beautiful matched sliding doors of Burl Walnut, generous strength and thickness 5 ply top and 3-ply sides -hardsome, turned legs and selected figured overlays. A cabinet whose beauty will blend with the best appointments and furnishings. The power dynamic speaker is hidden behind the sliding doors and is faced with silk. The dynamic speaker is scientifically baffled and exactly matched to the output of the set. No hum or distortion. No background of scratches or noises. The low notes and high notes are all brought out clear and balanced. The tone is real and life-like, in true pitch, without the slightest suggestion of muffling or hollowness. Only power detection, the power of the four screen-grid tubes, and the enormous power capacity of the two 245 tubes could deliver a tone with such a new intensity, a certain delightful mellowness impossible of description. Not a single rich, vibrant note is lost!

The Composer console measures 50 inches high, 27¾ inches wide, 16¾ inches deep. Shipping weight complete, about 195 lbs. For operation direct from any light socket of 100-120 volt, 50-60 cycle alternating current.

9G70017 Complete without tubes. PRICE..... **$230.00**
9G70018 Complete with tubes. PRICE..... **275.00**

Portable All-Purpose Phonograph

THE FAMOUS "NITEN-GALE"

Now that it is possible to get such an excellent phonograph that serves every purpose, many people are doubting the wisdom of putting a large amount of money into a phonograph that serves only one purpose. The "Nitengale" is famous for its quality, and it is indeed, not possible to make a better instrument.

It measures 14⅜" long, 11½" high and 7" wide and weighs only 12½ pounds. Attractively covered with an embossed Du Pont Fabrikoid, the famous covering that is waterproof, washable and long lasting. All the metal parts are sturdily constructed and heavily nickeled, the corners are reinforced with riveted metal braces. On opening the case you find a plush covered turn-table, with control lever and speed regulator. Fitted with a flexible tapering arm and protected disc reproducer of newest construction. Will play any standard record with remarkably fine tone quality. Lined with an embossed gold material. Fitted with spring cover needle box and patented record holder of large capacity.

2G70007 PRICE **$22.50**

On the nine preceding pages, we have illustrated and described the favorite models of our musical instruments. Lack of space has prevented us from showing our full line. If you have not seen the exact kind of instrument you are looking for, please write us and we will be glad to furnish you with further information, without obligation.

All the musical instruments we show in this John Plain Book are 100% guaranteed. They are all correct in design, and are very carefully made, with precision workmanship.

When you purchase an instrument, you should also have a case, cleaning equipment and accessories. These accessories you will find listed below.

Cases and Accessories for Musical Instruments

FOR UKULELES AND BANJO UKES

		Price Per Doz.	Each
9G70200	Steel strings, Special Quality, Set of	$ 6.75	$ 0.65
9G70201	Gut Strings, Special Quality, Set of	5.00	.50
9G70202	Picks, Felt	.60	.10
9G70203	Tuner	2.50	.25
9G70204	Tuning Pipe for D tuning		.60
9G70205	Tuning Pipe for C tuning		.30

FOR TENOR BANJOS

9G70206	Steel Strings, Specia Quality, Set of	$ 3.00	$ 0.85
9G70267	Pick, Nark ect	.175	.20
9G70208	Picks, Imire Tortoise	4.50	.45
9G70209	Tuning Pipe, Hohner A, E G# B	6.00	.60

FOR GUITARS

9G70212	Strings, steel, E or A	$ 1.00	$ 0.10
9G70213	Strings, steel, B or 2nd	.90	.10
9G70214	Strings, steel, G or 3d	2.00	.20
9G70215	Strings, steel, D or 4th	2.50	.25
9G70216	Strings, steel, A or 5th	3.50	.35
9G70217	Strings, steel, E or 6th	4.25	.45
9G70218	Strings, steel, Special Quality, Set of	15.00	1.50
9G70219	Picks, genuine	6.00	.60
9G70220	Pick, nickeled	2.00	.20
9G70721	Adjustable nut of Steel Pegs or Hawaiian type		.50
9G70222	Tuning Pegs, steel		.45
9G70224	Extension Nut for converting Six to Seven or Hawaiian		.50
9G70225	Tuning Pipe, Standard pitch		.65
9G70226	Tuning Pipe, Hawaiian tuning		.65
9G70227	Capo		.65

Accessories for Tenor Guitar same as for Tenor Banjo

FOR MANDOLIN

9G70231	Steel Strings, Special Quality, Set of	$15.00	$ .50
9G70232	Picks, Nickeled	.50	.05
9G70233	Picks, Imitation Tortoise	2.00	.20

FOR VIOLIN

9G70236	Strings, steel, E or 1st	$ 0.85	
9G70237	Strings, steel, A or 2nd	.85	
9G70238	Strings, steel, D or 3d	1.25	
9G70239	Strings, steel, G or 4th	1.50	
9G70240	Strings, Set, Special Quality, Set of 4	7.50	$ 0.75
9G70247	Strings, set, E or 1st	4.50	.45
9G70242	Strings, set, A or 2nd	4.50	.45
9G70243	Strings, set, D or 3rd	5.00	.50
9G70244	Strings, set, G or 4th	8.00	.80
9G70245	Special, set, complete, Set of 4		1.45
9G70246	String Adjuster, Nickeled	2.50	.25
9G70247	Bridge, Ebony	4.50	.15
9G70248	Bridge, Violoncello	4.50	.45
9G70249	Bridge, Violin	2.00	.20
9G70250	Tailpiece, cut at sides	5.50	.55
9G70251	Mute, Ebony	1.50	.15

FOR BAND INSTRUMENTS

9G70255	Valve Oil	$ 0.45
9G70256	Slide Grease	.75
9G70250	Silver Polish	.80
9G70252	Cornet and Trumpet Mute Wow Wow, Straight	4.75
9G70282	Cornet and Trumpet Mute, Plain Shaatack	2.75
9G70253	Trombone Mute, Wow Wow	6.25
	Shaatack	3.50
9G70264	Trombone Mute, Plain Shaatack	

FOR SAXOPHONE

9G70265	Reeds, Soprano, Fancy Cut, Brand	$ 2.25	$ 0.30
9G70266	Reeds, Alto, Fancy Cut, Brand	4.00	.40
9G70267	Reeds, Alto, Plain Cut, Brand	4.75	.50
9G70268	Reeds, Bb Tenor, Fancy Cut, Brand	4.75	.50
9G70269	Reeds, Bb Tenor, Plain Cut, Brand	5.50	.55
9G70270	Reeds, Bass, Fancy Cut, Brand	7.00	.70
9G70271	Reeds, Baritone, Fancy Cut, Brand	2.00	.20
9G70272	Reeds, Alto, Fancy Cut, Brand	2.75	.30
9G70273	Reeds, Alto, Plain Cut, Red Brand	4.00	.40
9G70274	Reeds, Bb Tenor, Red Brand	4.00	.40
9G70275	Reeds, Bass, Red Brand	4.75	.50
9G70276	Reeds, Baritone, Red Brand	5.50	.55
9G70277	Neck Cord, Silk		.35
9G70278	Neck Strap, Leather		.35

WOODWIND ACCESSORIES

9G70285	Flute Grease	$ 1.75	$ 0.20
9G70289	Clarinet Oil	4.00	.40
9G70290	Clarinet Reeds, A, Box of Eight, Brand	2.00	.20
9G70291	Clarinet Reeds, Bb or A, Box of Eight, Brand	2.00	.20
9G70292	Clarinet Reeds, A, Box of Red Brand	.75	.20
9G70293	Clarinet Reeds, Bb, Red Brand	1.75	.20
9G70294	Mouth Rack		1.50
9G70295	Piccolo Rack, Leather Strap		2.90

CASES

9G70300	Case for Long Model Cornet, Flannel lined, fits 9G70102-3	$12.95
9G7030	Case for Long Model Cornet, Silk Plush lined, fits 9G70104	21.00
9G70302	Case for Trumpet, Flannel lined, fits 9G70105	3.25
9G70303	Case for Trumpet, Silk Plush lined, fits 9G70107	22.20
9G70304	Case for Slide Trombone, made of canvas, fits 9G70108	8.50
9G70305	Case for Slide Trombone, made of Kersol, fits 9G70109	11.85
9G70306	Case for Slide Trombone, De Luxe quality, Heavy Oak	26.50
9G70307	Case for Mellophone, made of Kersol, fits 9G70110	2.80
9G70308	Case for Eb Alto, made of Kersol, fits 9G70111	16.00
9G70309	Case for B Baritone, made of Kersol, fits 9G70113	20.80
9G703 0	Case for Eb Bass, made of Kersol, fits 9G70114	4.25
9G.0 1	Case for Eb Bass, made of Canvas, fits 9G70115	9.00
9G70312	Case for Bb Baritone, made of Canvas, fits 9G70174.5	10.30
9G70313	Case for Mellophone, made of Canvas, fits 9G701	5.00
9G70314	Case for Bass, Tuba, lined with Velvet, fits 9G70188.5	6.00
9G70315	Case for Bass, made of Canvas, fits 9G70188.5	4.70
9G7317	Case for Guitar, made of Kersol, fits 9G70119	11.95
9G70318	Case for Mandolin, made of Canvas, fits 9G70120.5	3.25
9G70319	Case for Mandolin, made of Kersol, fits 9G70120.5	7.00
9G70320	Case for Piccolo, made of Kersol, fits 9G70.5, 5	4.00
9G70321	Case for Saxophone, made of Kersol, fits 9G70	17.00
9G70322	Case for Saxophone, made of Kersol, fits 9G70	20.00
9G70323	Case for Saxophone, made of Kersol, fits 9G70	19.80
9G70324	Case for Saxophone, made of Kersol, fits 9G70	28.50
9G70325	Case for Saxophone, made of Kersol, fits 9G70	21.40
9G70326	Case for Saxophone, made of Kersol, fits 9G70	31.20
9G70327	Case for Saxophone, made of Kersol, fits 9G70	25.00
9G70328	Case for Saxophone, made of Kersol, fits 9G70	33.50
9G70329	Case for Saxophone, made of Kersol, fits 9G70	32.00
9G70330	Case for Saxophone, made of Kersol, fits 9G70	19.80
9G70331	Case for Saxophone, made of Kersol, fits 9G70	17.00
9G70332	Case for Saxophone, made of Kersol, fits 9G70	20.00
9G70333	Case for Saxophone, made of Kersol, fits 9G70	17.00
9G70334	Case for Saxophone, made of Kersol, fits 9G70	19.50
9G70335	Case for Tenor Banjo, made of Canvas, fits 9G70	3.70
9G70336	Case for Tenor Banjo, made of Kersol, fits 9G70	18.30
9G70338	Case for Tenor Banjo, made of Kersol, flannel lined, side opening (fits 9G70134)	9.25
9G70340	Case for Tenor Banjo, made of Kersol, flannel lined, side opening (fits Banjo with 14" Resonator)	9.70
9G70341	Case for Tenor Banjo, made of Kersol (fits Banjo with 11" Resonator)	18.50
9G70342	Case for Tenor Banjo, made of Kersol, flannel lined, side opening (fits any 1." Tenor Banjo without Resonator)	8.95
9G70344	Case for Violin, made of Kersol, flannel lined (fits any full size Violin)	8.40
9G70345	Case for Violin, made of Kersol, flannel lined (fits any full size Violin)	9.25
9G70346	Case for Violin, made of Selected Walrus grained Keratol, padded and lined with genuine soft plush (fits any full size Violin)	19.60

WAHL-EVERSHARP
PERSONAL-POINT PENS

The Nib-Key, illustrated above, is furnished free to every dealer with instructions for use. Points are instantly and permanently transferred from holder to holder. The customer selects any point desired and the dealer immediately puts that point into the style and color of holder selected. Size 4 and 6 nibs only are interchangeable

The new Wahl-Eversharp Personal-Point Pen is an exclusive Wahl achievement. The Interchangeable Nib feature of the Personal-Point Pen enables the dealer to satisfy every customer. And the resultant increase in sales is accomplished from reduced pen and pencil investment. . . . Distinction of appearance is assured by the beautiful colorings and the 14K gold-filled mountings. These pens and pencils are unconditionally guaranteed defect-free.

Not all Wahl Fountain Pens are "Personal Point." Pens with this exclusive feature are indicated in the descriptions below. In no case are other than 4 and 6 nibs interchangeable.

TO MATCH FOUNTAIN PENS AND PENCILS

After you have bought a Fountain Pen and wish to obtain a Pencil that matches it in style and design, use the following method. Add 100 to the number of the Fountain Pen and you will have the number of the Pencil that matches it.

To find the number of the Gift Set that is made up of Fountain Pen and Pencil and the Pencil that matches it, add 200. *Colors must be specified.*

Ladies' Chatelaine Pen With Ring

For the girl student. No. 2 nib.

	Each
K1060 Rosewood Black or Red	3.60
K1061—Jade Green	4.20
K1062—Coral	4.20
K1063—Blue	4.20

Ladies' Chatelaine With Ring

Wahl Personal Point Pens with interchangeable nibs. No. 4 nib.

	Each
K1070—Rosewood, Black Red Green, Coral or Blue	6.00
K1074—Black and Pearl	7.20
K1075—Bronze Green	7.20

Student Size Fountain Pen
(No 2 Nib)

	Each
K1000—Rosewood, Black or Red	3.60
K1001—Jade Green	4.20

Specify Color When Ordering

Regular Size Fountain Pen

With the Interchangeable Personal Point feature. 4 nib.

	Each
K1010—Rosewood Black, Red Green Coral or Blue	6.00
K1014—Black and Pearl	7.20

Junior Style Oversize Pens

Wahl Personal Point Pen with interchangeable nibs. Similar type clip nearer top of pen than K1010, No. 4 Nib.

	Each
K1040—Rosewood, Black, Red, Green, Coral or Blue	6.00
K1045—Green Bronze	7.20
K1044—Black and Pearl	7.20

Oversize With Clip

A Wahl Personal Point Pen with No. 4 Nib and interchangeable Nib. Grecian design hard

	Each
K1020—Rosewood, Black, Green or Blue	8.40
K1025—Bronze Green	9.80
K1024—Black and Pearl	9.60

Junior Size With Clip

With soldier type clip. No. 2 Nib.

	Each
K1030—Rosewood, Black, or Red	3.60
K1031 —Jade Green	4.20
K1032—Coral	4.20
K1033—Blue	4.20

Specify Nib Wanted—Fine, Medium or Stub

Equipoise With Clip

The latest streamline effect Pen with the tapering cap. A Wahl Personal Point Pen with the interchangeable nib No. 4 Nib

	Each
K1056—Black	7.80
K1051—Jade Green	7.80
K1055—Bronze Green	9.00
K1054—Black and Pearl	9.00

Ladies' Equipoise Pen With Ring

Wahl Personal Point Pens with interchangeable nibs. No. 4 Nib

	Each
K1080—Black	7.80
K1081—Jade Green	7.80
K1084—Black and Pearl	9.00
K1085—Bronze Green	9.00

Eversharp Pencils

These models in attractive colors and handsome gold trimmings are a fitting companion for the pens shown on the previous page. They may be matched by comparing the group numbers under each cut. The fittings are gold filled. A concealed eraser and extra supply of leads are in the magazine concealed under the cap. Eversharps are as mechanically perfect as it is possible for a pencil to be made today. In addition they are being produced in the most beautiful colors and materials obtainable.

K1134

For the Executive

A man's pencil of handsome design and good balance.

K1110—Rosewood, Black or Red, Green, Coral or Blue, Each 4.20

K1114 — Black and Pearl ..... Each 4.80

Junior Size With Soldier Clip

Pencil does not protrude above the pocket.

K1140—Rosewood, Black Red, Green, Coral or Blue, Each 4.20

K1144 — Black and Pearl Each 4.80

K1145 — Bronze Green Each 4.80

Ladies' Purse Pencil

Same as Junior size above excepting that it is fitted with a gold filled ring for ribbon.

K1170—Rosewood, Black, Red, Green, Coral or Blue, Each 4.20

K1174 — Black and Pearl ..... Each 4.80

K1175—Bronze Green ..... Each 4.80

K1120

Grecian Pattern Mountings

K1120—Rosewood, Black, Green or Blue..... Each 4.20

K1124—Pearl and Black ..... Each 5.40

K1125—Bronze Green ..... Each 5.40

K1131

To Match Pencils With Fountain Pens

If you wish to obtain a Fountain Pen to match a Pencil selected from this page use the following method: Substract "05" from the number of the pencil and you have the group number of the Fountain Pen that matches it in style and design. COLORS MUST BE SPECIFIED.

To find the number of the Gift Set on the next page that is made up of the Pencil selected and the Fountain Pen to match it, add 100 to the number of the Pencil.

Junior Size With Soldier Clip

K1130—Rosewood, Black or Red ..... Each 2.40

K1131—Green ... Each 3.00

K1132—Coral ... Each 3.00

K1133—Blue ..... Each 3.00

K1160

College or High School Style for Ladies

Fitted with gold filled ring and cap

K1160—Rosewood, Black or Red ..... Each 2.40

K1161—Jade Green ..... Each 3.00

K1162—Coral ... Each 3.00

K1163—Blue ..... Each 3.00

K1190

Eversharp Student Pencil

Gold Filled Cap with Clip

K1100—Rosewood, Black or Red ..... Each 2.40

K1101—Jade Green ..... Each 3.00

K1161

Equipoise Streamline Pencils

The newest shape

K1156 Black ... Each 4.20

K1151—Jade Green ..... Each 4.20

K1154—Pearl and Black ..... Each 4.80

K1155—Bronze Green ..... Each 4.80

Equipoise Ladies' Pencil With Ring

A slightly shorter pencil than the regular Equipoise.

K1136—Black ... Each 4.20

K1151 Jade Green ..... Each 4.20

K1154—Black and Pearl ..... Each 4.80

K1155—Bronze Green ..... Each 4.80

Dollar Eversharp Assortment

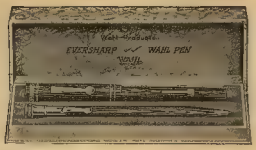
K1195—WAHL DOLLAR EVERSHARPS—A pyralin pencil in black and pearl, ten-sided shape, nickle mountings; propel, repel, and expel mechanism. Long eraser with movable clamp to feed out rubber. Leads in chamber under cap. Gun down on a display card, not broken ..... Per Display 16.00

No Wahl Fountain Pen can be supplied to match this pencil.

Eversharp Pencils Match Fountain Pens Shown on Previous Page

Eversharps are Noted for Excellence of Manufacture and Beauty of Design

Those Pens That Have Personal Point Feature Are Indicated

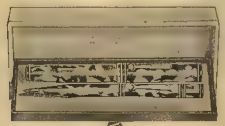


Per set

K1200—JUNIOR PEN AND PENCIL GIFT SET—Moderately priced, gold filled mounting, large roller clip, narrow band. Pens have No. 2 nibs. Eversharp pencils have lead chamber and eraser under cap. In Rosewood, Black and Red. Specify color 6.00
K1201—Jade Green. Same as K1200 ..... 7.00

Per set

K1240—STUDENT STYLE GIFT SET—The fountain pen has a No. 6 nib and the Personal Point interchangeable feature. Equipped with the Soldier Clip for those who wish to carry the pen and pencil clipped to a notebook. In Rosewood, Black, Red, Green, Coral and Blue. Specify Color 10.20
K1244—Black and Pearl. Same as K1240 ..... 12.00
K1246—Green and Bronze. Same as K1240 ..... 12.00



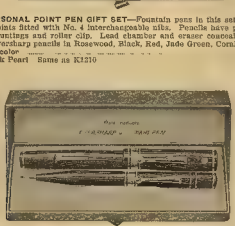
Please Specify Color When Ordering

Per set

K1210—PERSONAL POINT PEN GIFT SET—Fountain pens in this set are personal points fitted with No. 4 interchangeable nibs. Pencils have plain cap, gold mountings and roller clip. Lead chamber and eraser concealed under cap. Eversharp pencils in Rosewood, Black, Red, Jade Green, Coral or Blue Specify color 10.20
K1214—Black Pearl Same as K1210 ..... 12.00

Per set

K1256—EQUI-POISE GIFT SET The new streamline up-to-the-minute shape in fountain pens and pencils. Personal Point pens with No. 4 interchangeable nibs. Pencils fitted with gold mountings. Cap of the pencil reaches to about one-half the length of the barrel, concealing a lead chamber and eraser In plain Black Specify Color 12.00
K1251—Jade Green. Same as K1256 ..... 12.00
K1254—Black and Pearl Same as K1256 ..... 13.80
K1256—Green and Bronze Same as K1256 ..... 13.80

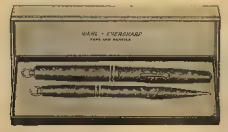


Per set

K1229 PERSONAL POINT PEN GIFT SET—Pens are fitted with No. 6 interchangeable nibs, Grecian design gold engraved bands on both pen and pencil. Eversharp pencil caps which conceal leads and eraser In Rosewood, Black, Jade Green, Blue Specify Color 12.25
K1224—Pearl and Black. Same as K1229 ..... 13.50
K1225 Green Bronze. Same as K1229 ..... 15.00

Per set

K1260—LADIES' GIFT SET—College or High School girls will like these sets. Mountings are gold filled. Each pen fitted with a No. 2 nib. A slender pen for ease and grace in writing. Pencils have gold caps and ring. In Rosewood, Black or Red. Specify color 6.00
K1261 Jade Green Same as K1260 ..... 7.20
K1262—Coral Same as K1260 ..... 7.20
K1263 Blue Same as K1260 ..... 7.20



Per set

K1285—EQUI-POISE WITH RING—A smart fountain pen and pencil of a new style Personal Point fountain pen with No 4 nib. In plain Black 12.00
K1281—Jade Green Same as K1285 ..... 12.00
K1284—Black and Pearl. Same as K1285 ..... 13.80
K1285 Green Bronze. Same as K1285 ..... 13.80

Per set

K1270—PERSONAL POINT GIFT SET Fountain pens and pencils in this set are fitted with rings for a neck ribbon. Pens have the Personal Point features and are fitted with the No. 4 interchangeable nib. Cap conceals an eraser and extra supply of leads in the lead magazine. In Rosewood, Black, Red, Green Coral or Blue Specify Color 10.20
K1274—Black and Pearl Same as K1270 ..... 12.00
K1275—Green Bronze. Same as K1270 ..... 12.00

To assure satisfaction always specify color and nib when ordering.

WAHL-EVERSHARP Personal-Point FOUNTAIN PENS

These Nationally Advertised Pens with a selection of fourteen nibs and numerous colors and styles of holders, afford every opportunity for purchaser to make an intelligent and very satisfactory selection

"WAHL" EVERSHARP FOUNTAIN PENS are built with the precision of fine jewelry. The highly polished barrels have inner barrels of aluminum, insuring lightness and strength. Mounted with 14k Gold Filled Roller Clips, filler levers and bands. Unconditionally guaranteed perfect-free. Filled with exclusive "WAHL-EVERSHARP" feature- the interchangeable nib- any point may be transferred instantly by the dealer to any holder

The House of Convenience Inc. 1889 1930

We list the "EVERSHARP" PENCILS which match these Fountain Pens. Makes a Useful and Very Practical Gift for any Occasion Illustrations Actual Size.

OVERSIZE CLIP PENS
No. 6 Interchangeable Nib
In such magnificent rich colors as Black and Pearl as illustrated, New Bronze and Green, or Jade Green, Lapis Blue or Rosewood Pencils can be purchased to match, as described

BLACK AND PEARL
No. 2673 Each $10 00
Eversharp to match is No 2648

BRONZE AND GREEN
No. 2674 Each $10 00
Eversharp to match is No 2649

JADE GREEN
No 2675 Each $9.75
Eversharp to match is No 2651

LAPIS BLUE
No 2676 Each $8.75
Eversharp to match is No 2652

ROSEWOOD
No 2677 Each $8.75
Eversharp to match is No 2653

REGULAR SIZE CLIP PENS
No. 4 Interchangeable Nib
Like the OVERSIZE Clip Pens, the REGULAR SIZE CLIP PENS are obtainable in a beautiful Jade Green as illustrated Lapis Blue or Rosewood Colors also such attractive color combinations as Bronze and Green or Black and Pearl

JADE GREEN
No. 2678 Each $6.25
Eversharp to match is No 2654

LAPIS BLUE
No 2679 Each $6.25
Eversharp to match is No 2655

ROSEWOOD
No 2680 Each $6.25
Eversharp to match is No 2656

BRONZE AND GREEN
No 2681 Each $7.50
Eversharp to match is No 2658

BLACK AND PEARL
No. 2682 Each $7.50
Eversharp to match is No 2657

SHORT CLIP PENS
No. 4 Interchangeable Nib
Some folk like a short holder fountain pen This style is well balanced, of finest workmanship and finish Obtainable in such lovely colors as Jade Green Lapis Blue Rosewood or such exquisite color combinations as Bronze and Green or Black and Pearl

BRONZE AND GREEN
No 2683 Each $7 50
Eversharp to match is No 2661

LAPIS BLUE
No 2684 Each $6 25
Eversharp to match is No 2662

ROSEWOOD
No 2685 Each $6 25
Eversharp to match is No 2660

JADE GREEN
No 2686 Each $6 25
Eversharp to match is No 2659

BLACK AND PEARL
No 2687 Each $7 50
Eversharp to match is No 2663

SHORT RING PEN
No. 4 Interchangeable Nib
This ladies style fountain pen comes in such exquisite colors as attractive Rosewood, beautiful Lapis Blue, Jade Green or such beautiful combination of colors, as the New Bronze and Green or the popular Black and Pearl.

ROSEWOOD
No 2688 Each $6 25
Eversharp to match is No 2665

LAPIS BLUE
No 2689 Each $6 25
Eversharp to match is No 2664

JADE GREEN
No 2690 Each $6.25
Eversharp to match is No 2663

BRONZE AND GREEN
No. 2691 Each $7.50
Eversharp to match is No 2666

BLACK AND PEARL
No 2692 Each $7 50
Eversharp to match is No 2667

GOLD FILLED FOUNTAIN PEN
No. 4 Interchangeable Nib
Gracian Border Design

In the GOLD FILLED Fountain Pens this is about the most exquisite creation on the market A 14k Gold Filled Fountain Pen, richly engine turned and embellished with an exquisite Grecian Border design, tipped with a 14k Solid Gold No. 4 Nib It is built with the precision of fine jewelry and as a writing instrument it compares with the very finest on the market

No 2693 Each $10 00
Eversharp to match is No 2668

LONG CLIP PEN
No. 2 Nib, Not Interchangeable

This long clip is a wonderful value in a "WAHL "Personal-Point" Fountain Pen at a moderate price Manufactured to a very high standard of excellence and finish Like its companion Eversharp, it is furnished in a rich Rosewood color and lines, with a No 2 14k Solid Gold nib It makes a splendid responsive gift article, in which excellent service and satisfaction is assured

No 2694 Each $3.75
Eversharp to match is No 2666

WAHL - EVERSHARP
Combination Pen and Pencil Sets

No Gift is more distinctive than these perfect writing Companions, WAHL-EVERSHARP PENS AND PENCIL TO MATCH

Any of the pens and pencils to match can be had in combination at no additional cost for the gift box If you do not find the set of your preference on this page, make up your own combination by combining the catalog numbers of Pen and Pencil.

Wahl Fountain Pens and Eversharp Pencils are manufactured completely in the Wahl factory and meet an unusually high standard in every detail as set forth by the Wahl Co. All nibs of Fountain Pens are 14K Solid Gold, heavily tipped with the finest grade of osmiridium. Each Nib is individually manufactured, ground round and smooth as ivory, by master craftsmen and carefully tested by highly skilled inspectors.

There is everlasting personal satisfaction in the Wahl Products. For that particular reason, they excel as delightful gift articles.

GIFTS OF UTILITY

WAHL COMBINATION FOUNTAIN PEN AND EVERSHARP GIFT SET
Oversize Black and Pearl
Gents' Set

This is a combination of distinctive beauty and charming taste Set consists of No. 6 "Personal Point" 14k Solid Gold Nib Fountain Pen, length 7 inches and Eversharp pencil to match, length 5¼ inches. Put up in a handsome presentation box for gift purposes.

No. 2695. Per Set $15.63

Same as Above Except in Beautiful Jade Green Color

No. 2696. Per Set. 13.75

WAHL COMBINATION FOUNTAIN PEN AND EVERSHARP GIFT SET
Short Ring Style. Jade Green
Ladies' Set

Designed for real service to girl or woman. Makes an ideal gift set for most any occasion. Wahl's JADE GREEN is exquisite beauty Set consists of No 4 Personal Point 14K Solid Gold Nib Fountain Pen, length 6 inches and Eversharp to match, length 4¾ inches Put up in a handsome presentation box for gift purposes

No 2699 Per Set $10.63

Same as Above Except in a Magnificent Bronze and Green

No 2700 Per Set 12.50

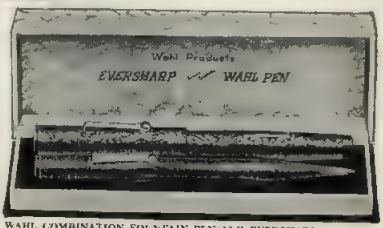
WAHL COMBINATION FOUNTAIN PEN AND EVERSHARP GIFT SET
Long Clip Thin Model Rosewood
Gents' Set

The greatest Pen and Pencil set value in America. Wahl Construction and quality, too Quantity products accounts for this amazingly low price. Set consists of long model Fountain Pen, 14k solid Gold No. 2 fitted Nib, length 6¾ inches and Eversharp to match, length 5¾ inches, in beautiful Rosewood color Put up in a handsome presentation box for gift purposes

No 2703 Per Set $6.25

Same as Above Except in a Lovely Jade Green

No. 2704. Per Set. 7.50



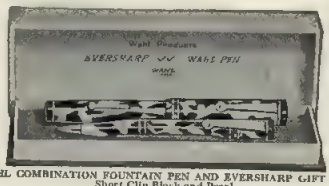
WAHL COMBINATION FOUNTAIN PEN AND EVERSHARP GIFT SET
Regular Large Size Bronze and Green
Gents' Set

This is an exquisite new color combination by Wahl-Eversharp. It is proving most popular with lovers of the beautiful Set consists of No. 4 "Personal Point" 14k Solid Gold Nib Fountain Pen length 7 inches and Eversharp pencil to match, length 5¼ inches. Put up in a handsome presentation box for gift purposes

No. 2697. Per Set $12.50

Same as Above Except in Beautiful Jade Green

No. 2698. Per Set 10.63



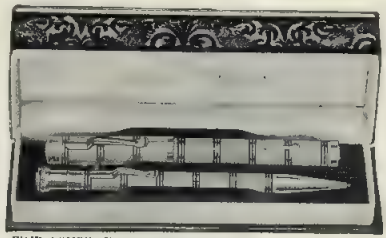
WAHL COMBINATION FOUNTAIN PEN AND EVERSHARP GIFT SET
Short Clip Black and Pearl
Gents' or Ladies' Set

Designed for utmost of service to lady or man. A pen and pencil which will not protrude above the pocket in a lovely Black and Pearl color Set consists of No 4 "Personal Point 14k Solid Gold Nib Fountain Pen, length 6¼ inches and Eversharp to match, length 4¾ inches Put up in a handsome presentation box for gift purposes

No 2701. Per Set $12.50

Same as Above Except in a Pretty Lapis Blue

No 2702 Per Set 10.63



WAHL COMBINATION FOUNTAIN PEN AND EVERSHARP GIFT SET
Colonial Design Gold Filled
Gents' Set

A charming and captivating design in rich Yellow Gold Filled, beautiful English finish, in the new COLONIAL pattern, enhanced with attractive black enameled rings, as shown Set consists of Fountain Pen, length 6¼ inches, fitted with a 14k Solid Gold No 4 "Personal Point" Nib and Eversharp to match, length 5¾ inches. Put up in a handsome presentation box for gift purposes. This set is of unusual fine workmanship and finish and makes a most graciously accepted gift item Our price in this selling is very attractive.

No. 2705. Per Set. $16.25

WAHL - EVERSHARP

Fountain Pen Desk Sets

These desk sets with bases of Black and Gold Portoro Marble, Green Argentine Onyx, and creamy White Pedrara Onyx are luxurious necessities.

Pens fit into humidors that keep the points moist and ready to write; humidors attached to bases by ball and socket swivels which hold the pens at desired angle.

WAHL manufacture are leading the field in popularity because of expert craftsmanship and ingenious design, especially exhibited in the humidor cap and the EXCLUSIVE Wahl Ball and Socket Joint. Appropriate as Christmas, Birthday or Anniversary Gifts.

GIFTS OF UTILITY

FOUNTAIN PEN DESK SET
No. 2706. A round Pedrara Onyx base, 2¾ inches in diameter, mounted with one Recessed Desk Pen, No. 2 14k Solid Gold Nib. Per Set **$9.38**
No. 2707. A round Portoro Marble Base, 2¾ inches in diameter mounted with One Coral Desk Pen, No. 2 14k Solid Gold Nib. Per Set **$9.38**

FOUNTAIN PEN DESK SET
No. 2708 3x1½ inch Portoro Marble Base mounted with one Jade Green Desk Pen, No. 2 14k Solid Gold Nib. Per Set **$10.63**
No. 2709. 3x3⅛ inch Black Carrara Glass base mounted with one Black and Pearl Desk Pen with No. 2 14k Solid Gold Nib. Per Set... **$10.63**

FOUNTAIN PEN DESK SET
A new shape and style 1x6½ inch Moss Crystal desk set with pencil groove and writable pen scoops, mounted with Black Desk Pen, No. 2 14k Solid Gold Nib. Of finest workmanship and finish. Priced very low in this selling. Makes a splendid gift item.
No. 2710. Per Set **$9.38**

FOUNTAIN PEN DESK SET
No. 2711. 3x9x1 inch Argentine Onyx base, having one pencil groove and letter bracket, mounted with one Coral Desk Pen, with No. 2 14k Solid Gold Nib. Per Set **$12.50**
No. 2712 4x6x1 inch Black Carrara Glass Base having one pencil groove and letter bracket mounted with Black and Pearl Desk Pen with No. 2 14k Solid Gold Nib. Per Set **$12.50**

FOUNTAIN PEN DESK SET
7x5-inch PEDRARA desk set of pressed steel with double pens, groove across front; two pen trays finished in Jet Black Enamel, featured with Pedrara Onyx finished in Chinese Red. Mounted with Black Pen, red-topped, with No. 2 14k Solid Gold Nib.
No. 2713. Per Set **$9.38**

FOUNTAIN PEN DESK SET
A very high grade desk pen set of natural fine, workmanship and finish. 4¾ by 7½ inch Pedrara Onyx base, having two pencil grooves, mounted with Coral Desk Pen, with No. 4 "Personal Point" 14k Solid Gold interchangeable nib. Pencil to match.
No. 2714 Per Set **$22.50**

FOUNTAIN PEN DESK SET
4¾x1-inch Black Carrara Glass base, having one pencil groove and letter bracket with Black and Pearl Desk Pen with No. 6 "Personal Point" interchangeable Nib. Expertly constructed of selected material faultlessly finished and present at a saving to each purchaser
No. 2715 Per Set. **$22.50**

WAHL - EVERSHARP

RED TOP LEADS
(Choice of Black Leads or Colored Leads as quoted)

BLACK LEADS In Red Top Tubes
8 sticks of lead measuring .046 in diameter. Standard thickness in metal tube. Choice of extra soft, medium soft, medium hard or extra hard, which specify when order me
No. 2716. Per Tube (State preference). Each 21c

COLORED LEADS
Three Red Top Tubes contain 12 sticks of Colored Leads, measuring .046 in diameter. Sticks of thickness of Medium soft only in choice of Red, Blue, Green, Yellow or Purple Copying
No. 2717. Per Tube (State Color). Each 21c

LEAD ASSORTMENT
Pictured at Right.

Every Merchant should have this Lead Assortment Display on his counter or show-case, as it enables him to serve his customers satisfactorily and make a nice assortment of lead in counter display case, trigger attachment delivery.

Contents 24 tubes grade HB, 12 tubes Each, Grades 2B, B, F, H, 6 Tubes each grades, Red, Blue and Indelible Black soft and hard, and 3 Tubes each, Grades, Indelible 6" diameter Lead. Also 3 boxes each Regular, BM 1-1 and SF Erasers. Display stand free with above assortment. Your profit amounts to $6.80 on complete assortment.
No. 2718 Complete Assortment. List Price **$20.63**

— COMPLETE LINE OF —

Waltham Watches—The Distinguished Time Keepers

Thoroughly dependable because of integrity of workmanship and material. The choice of all seeking Satisfaction, Beauty and Lifetime Service

Waltham Presentation Watches

Maximus—the Superb Watch

No. 5758 WALTHAM MAXIMUS $500.00 POCKET WATCH. Here is Waltham's finest watch made for man. Movement is 23 J., fine diamonds, rubies, and sapphires, with winding indicator, adjusted to isoch. changes in temperature and 6 positions. Fitted in a heavy hand made 18 K solid white gold case, plain or hand carved, also may be had in green or yellow gold. The dial is of fine sterling silver or may be had in hand painted enamel with applied 18 K solid gold numerals. Delivered in handsome presentation case, which has an extra crystal and two main springs.

Each 305.00

THE EXTRA THIN POCKET WATCH

No. 5749 WALTHAM COLONIAL "A" $250.00 MAN'S POCKET WATCH. 16 S. 14 K. solid white gold case knife edge, very thin. Plain back and bezel. Fitted with 23 J. Maximus Movement, adjusted to temperature and 5 positions. Has fine sterling silver dial with 18 K. applied gold figures. This is a distinguished thin model, modern time piece.

Each 148.50

Enameled Track Dial, Numerals on the Bezel

No. 5744 WALTHAM COLONIAL "A" $200.00 MAN'S POCKET WATCH. 14 S. O. F. 14 K. solid white gold case, with enameled bezel. The numerals are on the outside bezel. Fitted with 21 J. Riverside Movement, adjusted to temperature and 5 positions. The dial is of sterling silver in Mat finish. Made in white gold only. Each in gift case. Each 118.80

No. 5986 WALTHAM COLONIAL "A" $200.00 POCKET WATCH. 14 S. 14 K white gold case, exquisitely hand carved; also may be had entirely plain with chased border. Fitted with 21 J. Waltham Riverside Movement, adjusted to temperature and 5 positions. Has fine sterling silver dial with 18 K. solid gold figures applied. Each in gift case. Can also be had in solid green gold

Each 118.80

All Prices subject to RSO discount

CHICAGO ROHDE-SPENCER CO ILLINOIS

WALTHAM COLONIAL POCKET WATCHES

FITTED, TIMED AND ADJUSTED AT FACTORY—ALL PRICES LESS 20 DISCOUNT

No. 5748 WALTHAM COLONIAL $150.00 MAN'S POCKET WATCH. 12 S 14 K solid white gold case, with Burnished bezel and Butler back. Can also furnish it in green gold. Fitted with 21 J. Riverside Movement adjusted to temperature and 5 positions. Sterling silver dial, with 18 K solid gold applied figures. Each in ... **80.20**

No. 5751 WALTHAM COLONIAL $150.00 MAN'S POCKET WATCH. 12 S. 14 K solid white gold case, with Butler back and Burnished bezel. Has an enameled track dial on outside with second indicators. Fitted with 21 J. Riverside Movement, adjusted to temperature and 5 positions. Each ... **80.20**

No. 5750 WALTHAM COLONIAL $100.00 POCKET WATCH. 12 S Octagon case, 14 K solid white gold with engraved bezel, and Butler back. May also be had in green gold. Fitted with 19 J Royal, adjusted to temperature and 3 positions. Sterling Silver dial with 18 K applied gold figures. Each in gift case. Each ... **53.50**

No. 5748 As above 17 J. Each ... **42.95**

No. 5752 WALTHAM COLONIAL $100.00 POCKET WATCH. 12 S 14 K solid white gold case with engraved border and Butler back. Fitted with 15 J Royal Movement, adjusted to 3 positions and temperature. Has sterling silver dial with 18 K solid gold applied figures. Can also be furnished in Green Gold. Each in gift case. Each ... **53.50**

No. 5750 WALTHAM COLONIAL $75.00 POCKET WATCH. 12 S 14 K solid white gold case with engraved border and Burnished bezel. Fitted with 19 J Royal Movement, adjusted to temperature and 3 positions, with silvered dial. May also be had in green gold. Each in gift case. Each ... **42.95**

No. 5754 WALTHAM COLONIAL $60.00 POCKET WATCH. 12 S 14 K solid white gold case, Burnished bezel, engraved center, and straight line engraved back with etched dial. Fitted with 17 J movement, adjusted to temperature. Each in gift case. Each ... **32.05**

IS THE BEST WHOLESALE HOUSE TO BUY FROM

WALTHAM COLONIAL POCKET WATCHES

FITTED, TIMED AND ADJUSTED AT FACTORY—ALL PRICES LESS 850 DISCOUNT

No. 5763 WALTHAM COLONIAL $60.00 POCKET WATCH. 12 S 14 K white gold filled case, with polished bezel, engraved center and Butler or straight line engraved back, watch etched dial. Fitted with 19 J movement, adjusted to 3 positions and temperature. Also furnished in green gold. Each in gift case. Each 32.05

No. 5747 WALTHAM COLONIAL $45.00 POCKET WATCH. 12 S, 14 K white gold filled case, with polished bezel, engraved center, and Butler finish back with enamel shield design on back. Etched dial. Fitted with 17 J movement, adjusted to temperature. Also furnished in green gold. Each in gift case. Each 25.80

No. 5743 WALTHAM COLONIAL $60.00 POCKET WATCH. 12 S Cust. or Shape 14 K white gold filled case, engraved bezel and Butler back, or straight line engraved back. Dial is etched. Fitted with 19 J. Royal Movement, adjusted to 3 positions and temperature. Each in gift case
Each 32.05
No. 5757 As above 17 J. Each. 25.60

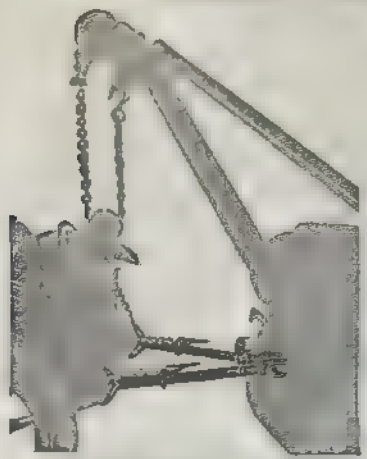
No. 5745 WALTHAM COLONIAL $40.00 WATCH. 14 K gold filled case, with polished bezel engraved center and Butler finished back. Also furnished in green gold. Has etched dial. Fitted with 17 J movement adjusted to temperature. Each in gift case. Each 22.85

No. 5764 WALTHAM COLONIAL $60.00 WATCH. 12 S 14 K white gold filled case, Brunished bezel engraved center with Butler finished back and etched dial. Fitted with 17 J movement adjusted to temperature. Also furnished in Green Gold. Each in gift case. Each 32.05

No. 5755 WALTHAM COLONIAL $40.00 WATCH. 12 S 14 K white gold filled case, Polished bezel and engraved center with straight line engraved back, and dial is etched. Fitted with 17 J movement adjusted to temperature. Each in gift case. Each 22.85

SPACER TOW BARS

MARQUETTE



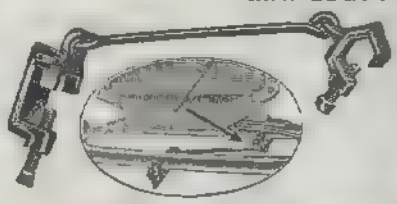
Steel construction. ¾ inch boiler plate. Full universal and bayonet lock which effects a positive hold at any adjusted length. Each arm is composed of two steel pipes, one telescoped inside the other. Prevents towed car bumping into service car. Each

No. A-26—Length over all 43 ins; length arm contracted 27 ins, extended 43 ins; range of adjustments 16 ins. ✚$63 00

One in crate; wt each 52 lbs.

STEERING GEAR TOW LOCKS

MARQUETTE



Crucible steel vices, connected by a steel rod. For towing damaged cars backwards, holds front wheels in line. Each

No. A-30—Wt each 8½ lbs ✚$15 75

One in carton.

AUTOMOBILE AMBULANCES

WEAVER, MODEL C

Rubber tired steel wheels. Cast steel yoke, provides a two point support for car axle. 18¼ inches between centers. Extra heavy telescoping tongue adjustable from 7 to 13 feet. Distance between wheels 28 inches.

16 inch wheels, 3½ inch rubber tires.

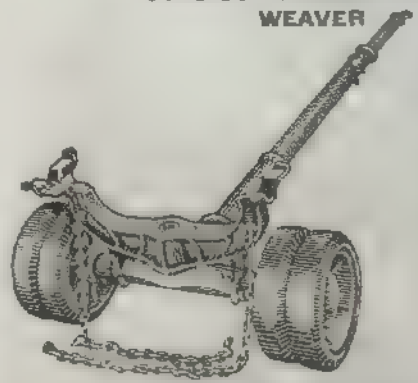
Each

No. A-WB13.. ✚$300 00

Shipped loose; wt each 865 lbs.

TRUCK AMBULANCES

WEAVER



Rubber tired double steel wheels. Cast steel yoke provides a two point support for truck or car axle. Telescoping steel tongue for towing damaged cars. Width between saddles can be adjusted to fit the job. Designed to tow in disabled trucks and other commerical cars, and unusually heavy passenger cars.

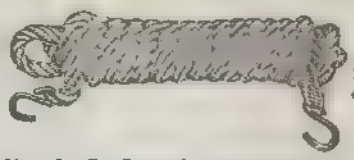
Each

No. A-WB14—Diam wheels 16 ins; width of wheels 8½ ins; width over all 43¼ ins; pole extends from 7 to 13 ft..... ✚$990 00

Shipped loose; wt each 586 lbs

✚Marquette—F. O. B. Minnesota Factory Only.
✚Weaver—F. O. B. Illinois Factory Only.

TOW LINES



¾ inch oiled manila rope fitted with steel hook on each end.

Each

No. A-15—Length approximately 15 ft..... $1 41

Packed loose; wt each 1½ lbs.

TOWING CHAINS

McKAY

For Passenger Cars.

11/64 inch welded coil chain, with grab hook and 24 inches of imitation leather covering on each end, chain and hooks cold galvanized. Breaking strain 3600 pounds.

Each

No. A-280—Length 18 ft..... $8 40

One in cotton bag; wt each 11½ lbs.

AUTO REPAIR CREEPERS

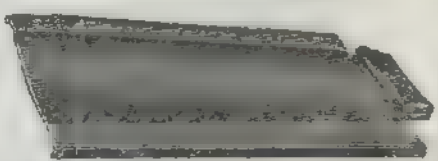
KOCH

Hardwood, smooth natural finish; securely bolted together; fitted with ball bearing steel casters, upholstered padded head rest. Each

No. A-10—Size 18⅝x40 ins; height 2½ ins; size head rest 4x7 ins; size casters ¾x1⅝ ins..... $4 50

Packed loose; wt each 9 lbs.

EASY

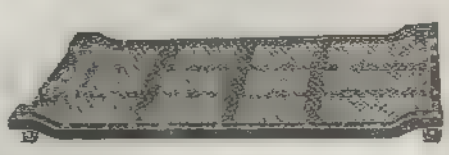


18 gauge sheet steel; casters riveted to re-inforcing end braces. Ball-bearing swivel type steel wheel casters. Oil-proof enameled duck head rest, bolted rigidly to frame. Green baked japan finish. Each

No. A-25—Length 40 ins; width 18½ ins..... $9 90

Half doz in crate; wt each 15¾ lbs.

PIONEER



Angle iron frame and cross braces, securely riveted together; spring steel body perforated with small holes. Ball-bearing swivel type steel wheel casters; softly padded head-rest covered with imitation leather. Drop frame with ½ inch clearance from floor gives free motion under the lowest cars, will support 300 lbs. without sagging.

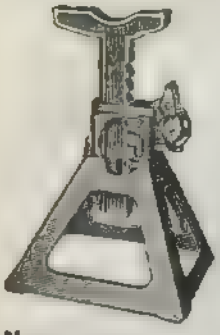
Each

No. A-26—Length 39½ ins; width 20⅝ ins..... $13 20

Ten in crate; wt each 14¾ lbs.

ADJUSTABLE STANDS

WALKER RIGID RACK ADJUSTABLE SUPPORT



Cast iron main body and base, steel adjusting rack with head shaped to fit under frame or axle. Constructed without pins, springs or wobbly parts to become worn.

Easily operated by a trigger under carrying handle which unlocks rack for lowering.

Designed for use in repair shops, garages, etc., on spring, brake, gear, axle and wheel repair work.

Provides a safe, rigid adjustable rack for automobiles.

Nos.	A-791	A-792	A-793
Height, ins	11	14½	18
Height extended, inches	17¾	24¾	30
Capacity, tons	2	5	7
Wt per pair, lbs	30	52	80
Per Pair	+$21 45	+36 30	+51 15

Packed loose.

AUTOMOBILE JACKS

WEAVER, CURB

For Balloon Tires and Cars With Low Slung Axles.

Frame and lifting mechanism high grade steel; steel wheels. A speedy and efficient jack for changing tires on the curb, etc., raising and lowering are controlled from the handle. Long curved handle makes it easy to operate in case of overhanging tires, bumpers, etc.

Each

No. A-WA-23—Capacity 2,500 lbs; height lowered 4¼ ins; height raised 17 ins; length over all 70 ins..... $57 75

Packed loose; wt each 55 lbs.

WEAVER LO-WAY

For Cars with Low Slung Axles.

Spring steel frame and mechanism, painted green; cast iron wheels. Solid steel axle, ball bearing and roller bearing construction throughout. Long lever handle held in vertical position by spring when not in use. Lifting mechanism consists of quadrant to which standard is attached and turned by upper dog attached to bell crank which operates by lowering and raising handle. The weight of load is carried by a set of heavy roller bearings in quadrant and by two sets of roller bearings between axle housing and steel axle. Easily guided by turning handle. For general garage use also for unloading automobiles and moving new cars in showroom. Each

No. A-WA20—Capacity 5000 lbs. Minimum height 6 ins; maximum lifting height 14 ins, with extension standard 17 ins $113 40

One in bdle K. D. wt each 110 lbs.

+F. O. B. Wisconsin Factory Only.

AUTOMOBILE JACKS

WEAVER, HYDRAULIC

Heavy channel steel frame electrically welded Front end pivoted on front axle, rear supported by two casters. A three point support enables jack being used on uneven surfaces without undue strain. Ball bearings in rear casters, roller bearings in wheels. The hydraulic principle of operation enables jack being operated with short as well as long strokes, a great advantage under crowded conditions.

Front wheels can be used to guide jack when placing under or moving cars. Raising and lowering of car controlled by a lever conveniently located under handle. A safety port in cylinder prevents overpumping when raising. Handle stands upright when not in use. Range of lift from 5 to 18 inches.

Each

No. A-WA24—Capacity 3 tons; length over all 55½ ins, handle 45¼ ins; width 16¼ ins..... $165 00

Packed loose; wt each 209 lbs.

WALKER, LIFT-A-CAR

Quick Tire Changer.

Malleable iron chassis; hardened drop forged lifting segment with milled teeth, blue finish. Foot lift is 4 inches from ground when lowered.

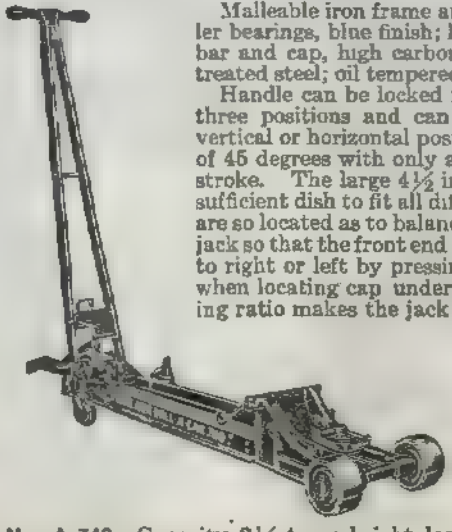
Designed for cars having balloon tires and equipped bumpers and trunks. Each

No. A-716—Capacity 3000 lbs; height lowered 4 ins; height raised 17 ins; length handle 52 ins..... $57 75

Packed loose; wt each 52 lbs.

WALKER, ROLL-A-CAR

For Cars and Trucks With Low Slung Axles.



Malleable iron frame and wheels with roller bearings, blue finish; lifting pawls, rack, bar and cap, high carbon drop forged heat treated steel; oil tempered steel springs.

Handle can be locked rigid in any one of three positions and can be operated in a vertical or horizontal position or at an angle of 45 degrees with only a 12 inch operating stroke. The large 4½ inch square cap has sufficient dish to fit all differentials. Wheels are so located as to balance the weight of the jack so that the front end can be easily swung to right or left by pressing down on handle when locating cap under axle. 43 to 1 lifting ratio makes the jack operate easily.

Each

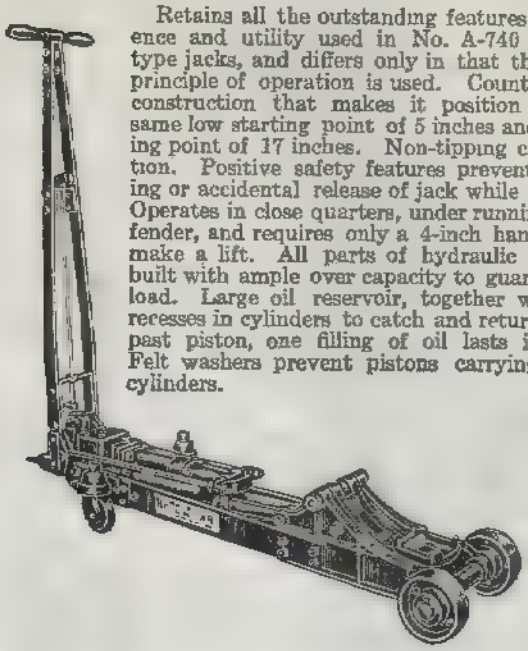
No. A-740—Capacity 2½ tons; height lowered 5 ins; height raised 17 ins; length 50 ins..... $117 00

Packed loose; wt each 120 lbs.

AUTOMOBILE JACKS

WALKER ROLL-A-CAR HYDRAULIC

For Cars and Trucks with Low Slung Axles.

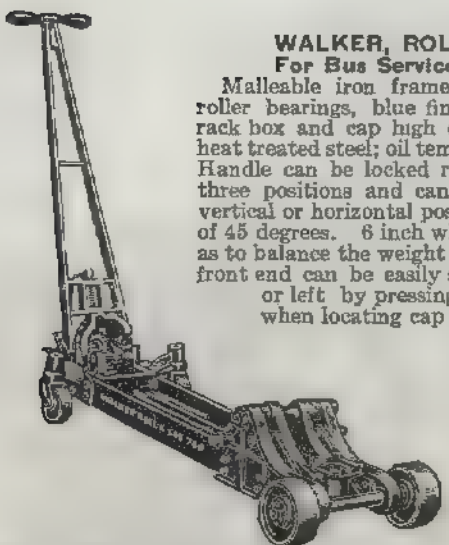


Retains all the outstanding features of convenience and utility used in No. A-740 mechanical type jacks, and differs only in that the hydraulic principle of operation is used. Counter balanced construction that makes it position easily, the same low starting point of 5 inches and high raising point of 17 inches. Non-tipping cap contruction. Positive safety features prevent overloading or accidental release of jack while under load. Operates in close quarters, under running board or fender, and requires only a 4-inch hand stroke to make a lift. All parts of hydraulic mechanism built with ample over capacity to guarantee a full load. Large oil reservoir, together with special recesses in cylinders to catch and return oil forced past piston, one filling of oil lasts indefinitely. Felt washers prevent pistons carrying dirt into cylinders.

Each

No. A-770—Capacity 2½ tons; height lowered 5 ins; raise under power 12 ins; maximum height 17 ins.....**$158 40**

Packed loose; wt each 165 lbs.



WALKER, ROLL-A-CAR

For Bus Service Stations.

Malleable iron frame and wheels with roller bearings, blue finish; lifting pawls rack box and cap high carbon drop forged heat treated steel; oil tempered steel springs. Handle can be locked rigid in any one of three positions and can be operated in a vertical or horizontal position or at an angle of 45 degrees. 6 inch wheels are so located as to balance the weight of jack so that the front end can be easily swung to the right or left by pressing down on handle when locating cap under axle.

Each

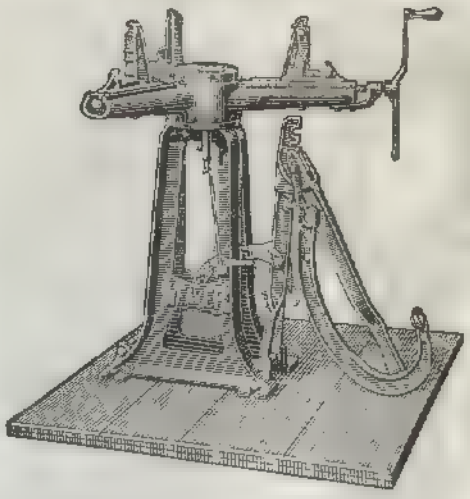
No. A-760—Capacity 6 tons; length over all 56 ins; length handle 49 ins; lowest point 5¼ ins; highest point 17¼ ins; 3 in. extra cap adjuster..... **+$321 75**

Packed loose; wt each 275 lbs.

+F. O. B. Wisconsin Factory Only.

AUTOMOBILE TIRE CHANGERS

WEAVER, MODEL E



Lever mechanism and jaws malleable iron and steel; malleable iron frame, mounted on heavy wood platform.

Handles all types of disc and wire wheels, solid and split rims.

Will handle pneumatic tires including the balloon tires, up to and including 7 inches.

Equipped with three sets of jaws which engages the rim giving top and bottom contact.

The tire is forced off the rim by the down pressure of the goose neck hook, operated by an adjustable hand lever.

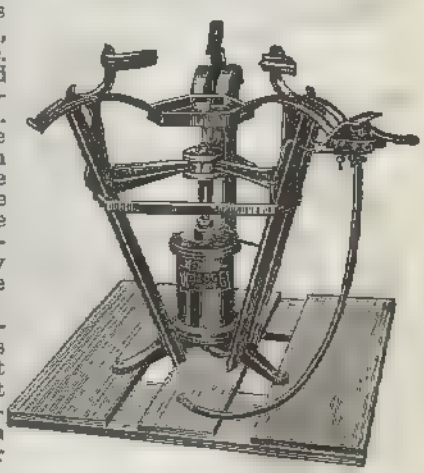
Each

No. A-WF10—Size platform 42x42 ins..... **$186 00**

Crated; ship wt each 250 lbs.

KELLOGG'S, TIRE CHANGER

Air Operated.



Angle iron uprights and spreader arms, crowfoot cast iron base.

Speeds up and makes easy the removal of tire from rim.

Replacement of tire accomplished with equal facility as the device is double acting, pressure can be applied instantaneously to rim by movement of valve control handle.

Air pressure operates three lever arms which act on rim at three equidistant points, moving simultaneously so that rim can not be sprung or twisted.

Handles all size rims without adjustment. Any ¼ H. P. motor air compressor will furnish sufficient air to operate machine.

Each

No. A-RTC—Wt each 150 lbs..... **+$138 60**

Crated

+F. O. B. New York Factory Only.

An International Silver Co. Product

WM. ROGERS & SON
Silverplate

GUARANTEED FOR 35 YEARS

No. 41 Dinner Knife
French Blade, Stainless
¾ actual size

The New
Princess
Pattern

No. 55 Dinner Knife
French Blade, Stainless
¾ actual size

INTERNATIONAL SILVER CO.

WM. ROGERS & SON
Silverplate

PRINCESS

GRAY FINISH

Vanity Box

	List	Retail
729/9 with S. H. Plated Knives	$19.40	$15.00
729/4 with S. H. *Stainless* Knives	22.70	17.75
729HS with H. H. *Stainless* Knives	28.10	21.25

No. 729/9 Vanity Box
26 Pieces

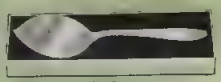
A mirror on inside of cover. Beautifully finished in tones of green. Lift-out display rack. A decorative and useful box in any room.

No. 730/4 De Luxe Tray
26 Pieces

Glass bottom tray exquisitely decorated with engraved gold design. Lift-out pad covered with green velvet. Also furnished with 34 pieces.

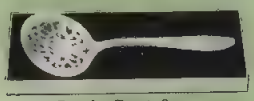
De Luxe Tray

	List	Retail
730/4 with S. H. *Stainless* Knives	$24.90	$19.25
730/9 with S. H. Plated Knives	21.60	16.50
730HS with H. H. *Stainless* Knives	30.32	22.75

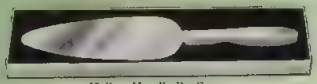


Jelly Server
Each, $1.64 List—$1.50 Retail

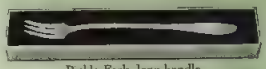
Coffee Spoons
doz., $4.72 List—$3.70 Retail



Round or Tomato Server
Each, $2.40 List—$2.00 Retail



Hollow Handle Pie Server
Each, $4.78 List—$3.50 Retail



Pickle Fork, long handle
Each $1.32 List—$1.00 Retail

Ice Cream Forks
doz., $8.88 List—$7.50 Retail

Bouillon Spoons
doz., $9.12 List—$7.00 Retail

Oyster Forks
doz., $7.56 List—$6.40 Retail

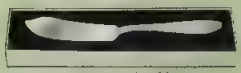
		List	Retail
Teaspoons	doz	$ 4.16	$ 3.50
Dessert Spoons	doz	8.34	7.00
Table Spoons	doz.	8.34	7.00
Dessert Forks	doz.	8.34	7.00
Dinner Forks	doz	8.34	7.00
Soup Spoons	doz	8.88	7.50
Sugar Ladle	each	4.78	4.00
Cheese Server H. H.	each	2.74	2.15
Baby Spoon	each	0.74	0.65
53 Dinner Knives, H. H. *Stainless*	doz.	27.42	19.60
55 Breakfast Knives H. H *Stainless*	doz.	$27.42	$19.60
41 Dinner Knives solid handle *Stainless*	doz.	16.56	12.00
91 Dinner Knives, S. H Plated	doz	10.00	7.20
93 Breakfast Knives, S H Plated	doz.	10.00	7.20
131 Fruit Knives, S. H Plated,	doz.	7.56	5.40
451 Fruit Knives, S. H. *Stainless*	doz.	14.32	10.50
64 Spc. Beef Carving Set, H H *Stainless*	set	$20.86	$15.00
65 2pc. Bird Set, H H *Stainless*	set	9.18	6.60
500/9 Knife and Fork Set with No 91 knives	set	9.18	7.10
7035 Knife and Fork Set with No. 53 knives	set	17.88	13.50
7015 Knife and Fork Set with No. 55 knives, Breakfast	set	17.88	13.50

Wm. Rogers & Son
Silverplate

Fancy Pieces are Packed as Shown in Green Lined Gift Boxes

PRINCESS
GRAY FINISH

Illustrations One-Third Actual Size



Butter Knife, lined box
Each, $0.92 List—$0.80 Retail

Sugar Shell, lined box
Each, $0.88 List—$0.75 Retail

Cod Meat Fork, each $1.48 List $1.20 Retail

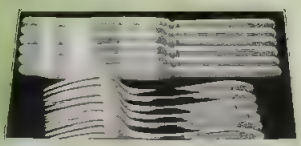
Gravy Ladle, each, $1.84 List—$1.50 Retail
Cream Ladle, each, $1.32 List—$1.00 Retail

Berry Spoon, each, $2.40 List $2.00 Retail

Flat Server, each, $2.84 List—$2.40 Retail

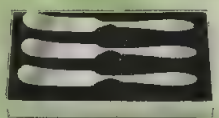
No. 2 Child's Set, $2.40 List $2.00 Retail

Iced Tea Spoons, dozen, $8.12 List $6.50 Retail

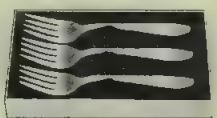


No. 500/4 Set 6 No. 41 Dinner Knives, *Stainless* French Blades, and 6 Dinner Forks, $12.44 List $9.50 Retail

No. 95 Steak Set, Solid Handle Steak Knife, *Stainless* 5¾ in. Blade, and Solid Handle Fork, $6.22 List—$5.75 Retail



Butter Spreaders, dozen
$10.44 List—$8.80 Retail



Individual Salad Forks, dozen,
$11.48 List—$9.60 Retail

Orange Spoons, dozen,
$7.20 List—$6.00 Retail

CRITES—Wizard of Wooster

L. C. Crites, toybuyer and advertising manager for H. Freedlander & Co., of Wooster, Ohio, talks of toys, toy psychology, the public mind, the chain store and home town merchandising. Your business story bloodhound met him in the smoking compartment of a car going West—and is able to give you the keen reactions of a thoughtful mind on a number of present-day business problems. In passing, it is pertinent to say that this story will also be a surprise to Toybuyer Crites—we trust a pleasant surprise. Writing without benefit of notes, this is an accurate recital of the Wooster man's ideas, if not his exact words

"Ordinarily I am a very quiet fellow. Like to think I'm as silent as Cal Coolidge. Here I am rattling away as if I'd known you for years. A lot of people are like that. But then I'm an advertising man as well as a toybuyer—and in both jobs I have to say 'No' so often that it's a relief to open up to a fellow traveler

Wooster Merchants Combine to Boost Christmas Sales

"The community-tree idea? Oh, yes. It was this way It did seem a shame for the Wooster merchants to keep on playing individual hands, so somebody made me the goat to collect the funds and put over something really big for the benefit of all of us.

"We decided to get everyone talking for miles around about Wooster. We wanted to make Wooster a good town in the minds of every poor benighted soul who did not know that fact already.

"Jever collect funds for a 'common cause?' Yes? Then you know that it's one thing to win hurrah enthusiasm, and another thing to follow through with money enthusiasm. As you probably know, 'the right people' must be seen first—and be careful they don't see you first, if they have any inkling of your designs on their bank rolls. But it isn't always as tough as that. It only seems tough Fortunately the right people consented to become pioneer backers, and I raised the needed amount far easier than I expected.

"The plan was a double row of Christmas trees attached to the electric light poles along the main business street in town — each tree to be strung with colored lights that would blaze a welcome to Wooster. We succeeded in putting a hundred and five lighted trees in place — and boy what a beautiful sight that was! Best of all it boomed Wooster for miles around, and resulted in a banner Christmas business for all of us.

"The cost was a trifle, when you consider the snap-up it gave to general holiday trading in our town—but it's hard to please everybody. I gave that up several years ago. I try to please all reasonable people, including myself, and let it go at that

How Crites Answered a Troublesome Question

"One of the objectors to our little community's 'splurge' took me to task in the store the day after the lighted Christmas trees were in place She was a big customer, too, and had to be carefully handled

" 'What a pity, Mr. Crites'," she said, 'to spend $1800 on useless Christmas trees and lights when Wooster has so many people out of work

' But that isn't the complete story, my good friend," I told her. "It's a little principle of economics. What to you is a 'waste' of $1800 is in reality sure-fire advertising that will burn the Christmas spirit into the souls of every scared pocketbook in the county. They will 'get religion,' one might say, and say it with dollars in buying toys and all other merchandise from the merchants of Wooster. This will make money flow and get more people employed. We will overcome trade lethargy with trade prosperity

"I probably didn't make as long a spiel as that, but she got my drift—and finally admitted that there might be something in what I said

A Child Needs 'Soul Food'—Toys

"Another unthinking woman talked about the same way the very next day in the toy department. 'Heavens, all this money for toys and so many poor children need bread!'

"Well, I had to answer that one, too; and the answer was, 'My dear Madam—a child cannot live by bread alone—he needs soul food. He needs toys.' I was just a little proud of that answer.

How to Avoid "Suppressed Desires"

"A third good woman charged me with fomenting a

FOURTH OF JULY GREETINGS

From Santa, the Reindeer and Bilbe.

The Southern California Music Co. featuring their juvenile musical instruments, urged the purchase of same in place of dangerous fireworks, stressing the fact that the children could have the noise in which they all delight, without the burned fingers attendant upon the shooting of explosives. Their window showed life size cutouts of four little children. One was seated on the floor beating a drum. One carried a flag, another a sword, and a third a bugle, while at the head was a tiny tot drawing a wooden cannon. A pair of cards announced "Now Our Country Is Safe" and "The Home that Has Music Always Provides a SAFE AND SANE Fourth of July."

Of course, most stores close on the Fourth of July, but people are apt to forget that fact, in order to remind them to make their purchases the day previous, the J. C. Penney Co., Albany, Ore., issued a classy little reminder.

OUR STORE WILL BE CLOSED FRIDAY

The day we burn our fingers while celebrating the signing of the Declaration of Independence falls on Friday. Accordingly, we will keep our fireworks and our oratory until that day, when, "weather permitting," we can all give full relief to our pent up enthusiasm and patriotism. However, rain or shine, this store will remain closed all day, so do your shopping before the closing hour Thursday.

If you wish to spend your Independence Day vacation enjoyably, let our store help you profitably with your preparations.

Previous ads of this store featured merchandise of many kinds to add to the pleasure of the celebration. They gave special prominence to a toy cannon that was noisy, yet absolutely without danger, as well as many kinds of flags, baseball and tennis equipment, and crepe paper decorations. They listed a number of specialties for children which could be purchased at 5c, 10c and 12½c each. Their announcement showing a group of children firing off one of the cannons was captioned:

FIREWORKS !

BOYS AND GIRLS: It's nearly the Fourth. Come to Penney's soon—isn't it good it's vacation—and choose your favorites.

They backed up this ad with a simple, yet very striking window. It showed an embankment covered with vivid green grass. Above it hung a flag, while a tall vase in the corner held red, white and blue flowers. Down in front was a little lad dressed in red and white, pulling a wooden cannon. On the bank and on the floor were a dozen of these Fourth of July toys, while a card advised: "Safe Toys for the Fourth of July."

In the toy section was a table devoted to the sale of safety toy cannons, and another to assorted fireworks. In cases arranged along the wall were favors for Fourth of July luncheons. These included crepe paper napkins stamped with the national colors, firecrackers filled with tiny candies; and bon bon and nut dishes fashioned out of colonial hats, drums and shields.

B. ALTMAN & CO.
SPORTING GOODS
for Little Huskies
Youngsters are always happier when they are doing something. For hours they will sit and build sand castles with the outfit above

This is the kind of progressive advertising done by a New York City department store. It successfully visualizes safety and happiness for children

Lansing Merger

DANCER BROGAN CO., 101 South Washington, for whom Mrs. F. Washburn was toybuyer, has merged with J. W. Knapp Co. (a Kirby, Block & Fischer store) at 220 South Washington, Lansing, Michigan, taking the Knapp name.

Miss V. Patterson is the toybuyer and her stock at the present time includes dolls and toys for the baby. An attractive showing is made on the second floor throughout the year. Wheel toys are now carried in the basement.

warlike spirit by selling toy pop guns. I should burn 'em all up, etc. Frankly, I don't see things that way. Theoretically, there may be something in what she's shooting at, but great snakes, if people get so supercivilized that they don't know what guns are, they always get bumped off by some rough and tough enemy nation that hasn't heard that a great reformation is under way. Then, again, to give a boy a woolly lamb, when his soul craves a gun, is to foster what the psychologists call 'suppressed desires.' When he gets the chance he'll get a real gun, know nothing about it, and do some real damage in his shooting. He might even become a stick-up man just to get even. I say give 'em harmless toy guns, and let 'em shoot the cussedness if it is that, out of their systems. Look what's happened with prohibition.

The Spendthrift with a Dollar Bill

"Now that I've started telling customer stories, let's shoot a couple more and quit. Another chap came in to buy Christmas toys last Christmas eve. He was just a little 'blotto'—waved a dollar at the salesgirl and demanded full value for his two kids.

"Now you'll probably think me a pretty nervy chap, poking into other people's business, but I just couldn't keep out of that little sale. You see, I knew that bird. He had plenty of kale for a real toy purchase—and I told him so and got away with it. I won't tell you all that I said—but it was plenty—and he took it standing up when I told him that when he was old he'd be glad I'd made him do the right thing by his kids.

We Don't Go After a Customer's Last Dime

"An earlier customer that day was a different cat entirely. He had $10 to spend on toys for his three kids, and placed his problem in our hands. That $10 meant a lot to him, and you can believe me when I tell you that I first found out all about those children of his—ages, dispositions, and all there was to know. Then I prescribed like a doctor, and I made the cost not $10, but $7.50. He wanted to spend the change I gave him, but I convinced him that he had just the toys he needed—and that there were other things in life besides straining for a customer's last available dime.

The First Scare of the Chain Store

"The coming of the chains to Wooster made quite a stir—as they have in many other cities—and in the early days the grocery boys called me for a visit to talk things over. I wasn't after applause, and for a long time a lot of them didn't talk to me—because I told them they wouldn't get very far in screaming 'murder.' I said that I had a sneaking notion that the dear public would grin, and say that maybe the chains weren't entirely vicious, and that they would improve the merchandising methods of the type of dealer that sits like a spider and aims to catch the consumers in a web of prices that may well be too high. I said that the public would be fair in the long run, and that the alert merchant who gave values had little to fear. But it was a long time before I was invited to make another address.

Woolworth Store Sought for Wooster

"Later on I was actually able to help get a Woolworth store in our city. I felt it would be good for business, and it was. My contention was that rival towns to Wooster, 'A,' 'B,' 'C,' all had the red front nickel and dime emporium, and that unless we had one too we'd get the jolly run around when Mr. and Mrs. Farmer decided to motor to one of the nearby shopping centers.

Freedlander's Advertisement Welcomes the Chain Store

"Another incident may be interesting to you. The day that a popular price department store opened I convinced my house that a cordial welcome advertisement was the correct procedure.

"You see, I had mingled with the shopping crowds who looked into the chain store windows before the official opening—and the one outstanding thought in John Q. Public's mind ran about like this: 'Ha, ha! Now these Wooster merchants will wake up and give us some values. They've had things their independent way for a long, long time. Now we'll see what we'll see!'

"As a cold matter of fact we independents had been shooting pretty darn square—but when the boys in the street get an idea in their Stetsons it's no time to be stubborn.

"That was the reason I shot a large advertisement of welcome to our friendly rival, the chain. Of course the heavy thinkers said I was crazy—but I think I can prove that I was just about right. To sulk, or to show fear would have been stupid. And now I'm satisfied that my reaction was the right one

Santa began to bounce the pretty nursemaid on his knee!

"Just one more yarn and we'll turn into our bunks.

Santa Claus Bounced Bigger and Better Babies

"We have a wonderful Santa Claus in our toy depart-

ment each Christmas—and in spite of his false whiskers, denoting age and dependability, he's a very young man. He has a great way with children, and last year sprung a new one in bouncing the kids on his knee as he told them about his reindeer.

"Well, that seemed to be all right in principle, but every once in a while I would pass by and find that he had raised his age limit for 'children.' Now as far as I know the 'toy age' is over in the early teens, but possibly loyalty to our cash register made him decide to first bounce the kids and then bounce the pretty nurse girls that came along with the kids.

"I had warned him several times about this—but he didn't really quit until one day he had his ears roundly boxed, and his false whiskers pulled up around his eyes

" 'Let that be a lifelong lesson to you,' I said. 'You surely know that children grow up and become adults.'

" 'That's why you're all wet as a toybuyer," he came back. 'Once a child always a child. Keep that in mind and make big money.'

"Eventually I had to fire him—but I suppose next Christmas he'll try to get the Santa Claus concession at Vassar

"Well, that's that—time to turn in. We'll say 'Auf wiedersehen' at Wooster."

Making the Most of Flag Day

Well in advance of Flag Day—June 14—all patriotic, religious, civic and fraternal societies should be canvassed and their flag requirements ascertained and, when necessary, assistance should be given in putting up the decorations.

A very effective publicity campaign was conducted by Sibley, Lindsay & Curr, Rochester, N. Y. Several days in advance they came out with a flag ad in which they said:

Every Schoolhouse, Every Store, Every Factory, Every Home

SHOULD HONOR THE AMERICAN FLAG.

The American Flag talks the language of freedom, so display it and show everyone where you stand. We carry all sizes. Drop in and pick one out.

We also handle bunting, metal devices, paper and cardboard patriotic novelties of all kinds.

One of their large windows was filled with flags of all kinds, in the midst of which was a framed card:

TO THE FLAG!

"I pledge allegiance to the flag of the United States of America, and the republic for which it stands. One nation indivisible. Liberty and justice for all."

DON'T FORGET OLD GLORY ON FLAG DAY—June 14

Large flags hung on the wall and stands of small flags of different sizes were scattered all through the display.

Lansing Dry Goods Co.

LANSING DRY GOODS CO., 313-17 South Washington, Lansing, Michigan, carries a few miscellaneous specialties in popular price toys during the year, and at the holidays carries a full line of popular priced merchandise. This store is a member of the Interstate Department Stores group.

How Toys Team With Hardware

VANDERVOORT HARDWARE CO., Michigan Avenue, Lansing, Michigan, carries a fine assortment of toys during the Christmas period and a few pick-ups during the year. Del Vandervoort, the buyer, was away fishing on the hot, sticky day your correspondent called, but the business was in the capable control of brother Tom in Del's absence.

If more managers would go fishing once in a while business would be better all around—and all of us would live longer.

Besides hardware and toys, this store carries a full line of sporting goods.

Northway's Toronto Toyland

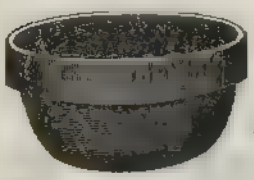
S. W. MASON buys the toys for John Northway & Son department store, 24 Yonge Street, Toronto, Canada. A complete assortment is carried at Christmas, with just a small quantity of miscellaneous novelties on show during the balance of the year. Northway's is a medium sized dry goods store, catering to the quality clientele

STONE WARE

MILK PANS OR CROCKS

Glazed all white; pan covers for one gallon pans count as one gallon each.

Nos.	GW½	GW1	GW2
Cap, gals	½	1	2
Wt each, lbs	3	4	8
50 to 99 gal lots, Each	✚$0 36	✚ 48	✚ 90
100 gal lots or more, Each	✚ 33	✚ 46	✚ 87



MILK PANS OR CROCKS

Glazed all black; pan covers for one gallon pans count as one gallon each.

Nos.	GB½	GB1	GB2
Cap, gals	½	1	2
Wt each, lbs	3	4	8
50 to 99 gal lots, Each	✚$0 36	✚48	✚90
100 gal lots or more, Each	✚ 33	✚45	✚87

CHURNS

Glazed black inside and black and white outside; churn lids to fit from 2 to 6 gallon churns count as one gallon each. Churns do not include dashers. Prices include covers. If wanted without covers so indicate and deduct price of cover.

Nos.	C2	C3	C4	C5	C6
Cap, gals	2	3	4	5	6
Height, ins	12	14½	15½	16½	17
Diam, ins	8½	10	10½	11	11½
Wt each, lbs	9	14	18	22	26
50 to 99 gal lots, Each	✚$1 47	✚2 28	✚2 43	✚2 91	✚3 42
100 gal lots or more, Each	✚ 1 41	✚2 19	✚2 34	✚2 79	✚3 27

COVERS FOR ABOVE CHURNS

STONE

Nos.	C02	C03	C04	C05	C06
For stone churns, gals	2	3	4	5	6
50 to 99 lots, Each	✚$0 51	✚51	✚51	✚51	✚51
100 or more, Each	✚ 48	✚48	✚48	✚48	✚48

WOOD

Yellow poplar, smooth finish.

Nos.	H6	H7	H8
For stone churns, gals	2	3&4	5&6
Diam over all, ins	6	7	8
Diam of shoulders, ins	4¾	6⅞	7⅛
Wt per doz, lbs	5½	8	12
Per Doz	$4 80	5 40	5 55

Packed loose.

✚F. O. B. Kentucky Factory Only.

STONE WARE

HIGH BUTTER JARS

Glazed black inside and white outside. Covers to fit 8, 10 and 12 gallon jars count as 3 gallon each, of size ordered; covers to fit 15 and 20 gallon jars count as 4 gallon each, of size ordered.

Nos.	J8	J10	J12	J15	J20
Cap, gals	8	10	12	15	20
Height, ins	16	17	18¼	21	21½
Diam, ins	13½	15½	15½	16½	18½
Wt each, lbs	32	40	48	60	80
50 to 99 gal lots, Each	✚$3 66	✚4 65	✚5 52	✚7 65	✚9 75
100 gal lots or more, Each	✚ 3 48	✚4 35	✚5 32	✚7 20	✚9 30

COVERS FOR ABOVE JARS

Nos.	CJ8	CJ10	CJ12	CJ15	CJ20
For jars, gals	8	10	12	15	20
50 to 100 gal lots, Each	✚$1 38	✚1 38	✚1 38	✚1 95	✚1 95
100 gal lots or more, Each	✚ 1 32	✚1 32	✚1 32	✚1 86	✚1 86

HIGH BUTTER JARS

Glazed black inside and black and white outside. Suitable for putting up preserves, jellies, fruits and kraut as well as butter. Covers to fit 1 and 2 gallon jars, count as one gallon; covers to fit 3 and 4 gallon jars, count as 1½ gallons. Covers to fit 5 and 6 gallon jars count as 2 gallons. With or without covers. Unless otherwise specified will send without covers.

Nos.	J¼	J½	J1	J2	J3	J4	J5	J6
Cap, gals	¼	½	1	2	3	4	5	6
Height, ins	5¼	6	7¼	9⅜	10⅝	11¾	13¾	13¾
Diam, ins	4⅛	6	7¼	9¼	10¼	11½	11⅞	12¾
Wt ea, lbs	1¾	2½	4	8	12	16	20	24
50 to 99 gal lots, Ea	✚$0 21	✚30	✚42	✚76	✚1 20	✚1 59	✚1 98	✚2 37
100 gal lots or more, Ea	✚ 18	✚27	✚39	✚75	✚1 14	✚1 50	✚1 89	✚2 25

Packed loose.

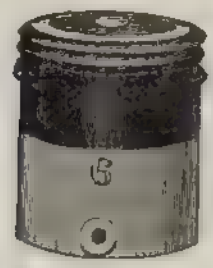
COVERS FOR ABOVE JARS

Nos.	CJ1	CJ2	CJ3	CJ4	CJ5	CJ6
For jars, gals	1	2	3	4	5	6
50 to 99 gal lots, Each	✚$0 42	✚42	✚60	✚60	✚78	✚78
100 gal lots or more, Each	✚ 39	✚39	✚57	✚57	✚75	✚75

✚F. O. B. Kentucky Factory Only.

See Special Note Page 1470 Relative to Orders STONE WARE.

STONE WARE



WATER JARS

Glazed black inside and black and white outside; reinforced opening 1¼ inches in diameter to fit standard wood faucet; cover included with each jar.
Wood faucets extra charge.

Nos.	3	4	5	6	8
Cap, gals	3	4	5	6	8
Height, ins	10⅝	11¾	13¼	13¾	16
Diam, ins	10¼	14½	11⅞	12¾	13½
Wt each, lbs	14	18	23	27	36
50 to 99 gal lots, Each	✦$1 92	✦2 34	✦3 00	✦3 42	✦5 40
100 gal lots or more, Each	✦ 1 83	✦2 22	✦2 85	✦3 27	✦5 13
Nos.		10	12	15	20
Cap, gals		10	12	15	20
Height, ins		17	18½	21	21¼
Diam, ins		15½	15½	16½	18½
Wt each, lbs		45	59	66	85
50 to 99 gal lots, Each		✦$6 36	✦7 35	✦9 90	✦12 45
100 gal lots or more, Each		✦ 6 12	✦6 99	✦9 39	✦11 88

PRESERVE JARS

With Stone Covers.

Glazed black inside and white outside.

Nos.	½	1	2	3	5
Cap, gals	½	1	2	3	5
Wt each, lbs	3½	5	10	15	25
Less than 1 doz, Per Doz	✦$5 10	✦7 65	✦14 10	✦22 05	✦34 65
1 doz or more, Per Doz	✦ 4 95	✦7 20	✦13 50	✦21 00	✦33 00

SHOULDER JUGS

Glazed black on the inside to prevent absorption; glazed black and white on the outside.

Nos.	SJ½	SJ1	SJ2	SJ3	SJ4	SJ5
Cap, gals	½	1	2	3	¾	5
Wt each, lbs	3½	5	10	15	19	28
50 to 99 gal lots, Ea	✦$0 36	✦48	✦90	✦1 38	✦1 83	✦2 31
100 gal lots or more, Ea	✦ 33	✦45	✦87	✦1 32	✦1 74	✦2 19

GROWLERS

White lined inside; blue mottled outside. Capacity 5 pints.

No.	GR
Wt per doz, lbs	48
Less than 1 doz, Per Doz	✦$6 90
1 doz or more, Per Doz	✦ 6 60

✦F. O. B. Kentucky Factory Only.
See special note page 1470 relative to ordering Stone Ware.

STONE WARE

SALT BOXES

White lined inside; blue mottled outside; stone cover included.

No.	SB
Wt per doz, lbs	33
Less than 1 doz, Per Doz	✦$7 05
1 doz or more, Per Doz	✦ 6 75

BUTTER JARS

White lined inside; blue mottled outside; with bail and stone cover. Capacity 3 lbs.

No.	3
Wt per doz, lbs	38
Less than 1 doz, Per Doz	✦$7 05
1 doz or more, Per Doz	✦ 6 75

BUTTER JARS

White lined inside; blue mottled outside; stone cover. Capacity 10 lbs.

No.	10
Wt per doz, lbs	84
Less than 1 doz, Per Doz	✦$14 10
1 doz or more, Per Doz	✦ 13 50

BAKE PANS

White lined; blue mottled outside.

Nos.	7	9	11
Diam, ins	7	9	11
Wt per doz, lbs	16	28	40
Less than 1 doz, Per Doz	✦$3 15	✦4 35	✦6 30
1 doz or more, Per Doz	✦ 3 00	✦4 05	✦6 00

Packed loose.

MIXING BOWLS

White lined; blue mottled outside.

Nos.	7	9	11
Diam, ins	7	9	11
Wt per doz, lbs	16	32	45
Less than 1 doz, Per Doz	✦$3 45	✦5 70	✦11 40
1 doz or more, Per Doz	✦ 3 24	✦5 40	✦10 80

EWER AND BASIN

Ewer holds 1¼ gallons; basin 15 inches in diameter.

All White.

No.	E&W
Less than 1 doz, Per Doz	✦$40 35
1 doz or more, Per Doz	✦ 38 40

Blue Mottled.

No.	E&BM
Less than 1 doz, Per Doz	✦$42 00
1 doz or more, Per Doz	✦ 40 05

Wt per doz 150 lbs.

COMBINETS

White lined inside; capacity 8 gallons.

All White.

No.	W$10
Less than 1 doz, Per Doz	✦$23 70
1 doz or more, Per Doz	✦ 22 50

Blue Mottled.

No.	BM$10
Less than 1 doz, Per Doz	✦$25 20
1 doz or more, Per Doz	✦ 24 00

Packed loose; wt per doz 100 lbs.

✦F. O. B. Kentucky Factory Only.

D 6

STONE WARE

CHAMBERS

All White.

Large Size, without Cover.

No.	9CW
Less than 1 doz, Per Doz	✚$3 45
1 doz or more, Per Doz	✚ 9 00

Children's Size, without Cover.

No.	12CW
Less than 1 doz, Per Doz	✚$7 05
1 doz or more, Per Doz	✚ 6 75

Large Size, with Cover.

No.	9CWC
Less than 1 doz, Per Doz	✚$14 25
1 doz or more, Per Doz	✚ 13 50

Blue Mottled.

Large Size. Nos.	Without Cover 9CBM	With Cover 9CBMC
Less than 1 doz, Per Doz	✚$9 90	✚15 00
1 doz or more, Per Doz	✚ 9 60	✚14 40

Children's Size, without Cover.

No.	12CBM
Less than 1 doz, Per Doz	✚ $7 65
1 doz or more, Per Doz	✚ 7 35

Packed loose; wt per doz, lbs, large size 55, small size 36.

CUSPIDORS

White lined inside.

Nos.	Brown Mottled Outside CUS-BR	Blue Mottled Outside CUS
Less than 1 doz, Per Doz	✚$5 70	✚5 70
1 doz or more, Per Doz	✚ 5 40	✚5 40

Wt per doz 24 lbs.

FLOWER POTS

Embossed.

Well burned to a rich red color.

POTS ONLY

Nos.	Less than 100, Per 100	Not less than 100, Per 100	Diam, ins	Wt per 100, lbs
FP3	✚$ 3 69	✚ 3 51	3	89
FP4	✚ 5 70	✚ 5 40	4	90
FP5	✚ 8 25	✚ 7 92	5	150
FP6	✚ 15 00	✚ 14 58	6	265
FP7	✚ 26 50	✚ 24 30	7	456
FP8	✚ 36 75	✚ 35 10	8	540
FP9	✚ 56 70	✚ 54 00	9	870
FP10	✚ 76 50	✚ 72 90	10	1040
FP12	✚ 155 85	✚ 149 50	12	1620
FP14	✚ 255 00	✚ 243 00	14	2900
FP16	✚ 567 00	✚ 540 00	16	4200

SAUCERS ONLY.

Nos.	Less than 100, Per 100	Not less than 100, Per 100	Diam, ins	Wt per 100, lbs
FS3	✚$ 3 39	✚ 3 24	3	86
FS4	✚ 4 26	✚ 4 05	4	48
FS5	✚ 5 70	✚ 5 40	5	72
FS6	✚ 8 55	✚ 8 10	6	102
FS7	✚ 11 40	✚ 10 80	7	126
FS8	✚ 15 60	✚ 14 85	8	174
FS9	✚ 21 90	✚ 20 25	9	240
FS10	✚ 25 50	✚ 24 30	10	282
FS12	✚ 38 31	✚ 36 48	12	396
FS14	✚ 61 95	✚ 60 75	14	950
FS16	✚ 85 05	✚ 81 00	16	1200

✚F. O. B. Kentucky Factory Only.

STONE WARE

ORDERS FOR STONEWARE MUST TOTAL 50 GALLONS

All items from Crocks on page 1671 to Shoulder Jugs on page 1672 may be considered in making up fifty gallons, which is positively minimum shipment of Stoneware. Individual pieces in Special Stoneware which includes everything from Growlers to Cuspidors may be counted in arriving at the required amount.

Special Stoneware which includes all items from Growlers to Cuspidors are not so restricted, and may be sold in minimum quantities of twelve or more pieces, straight or assorted.

Flower Pots for shipment alone must amount to a minimum quantity of fifty.

GARDEN POTTERY

More and more, home owners are lending special attention to beautifying their lawns and their porches.

Here is a line of garden pottery that is of exceptional qualty and design. Made to meet the exacting requirements of everyane.

BIRD BATHS

Not only artistic in design but hard burned, strong and practical.

Bowl has drain hole in center and equipped with iron perch. Semi-gloss finish. Contrasting light and dark brown. This bath is just the right size for small city gardens.

Each

No. H-365—Height 27 ins; diam bowl 18 ins..... ✚$18 00

One in carton; wt each 60 lbs.

BIRD BATHS

Not only artistic in design but hard burned, strong and practical.

Bowl has drain hole in center and equipped with rustic iron perch. The complete bath is made in four sections and securely piped together. The finish is semi-gloss, contrasting light and dark brown.

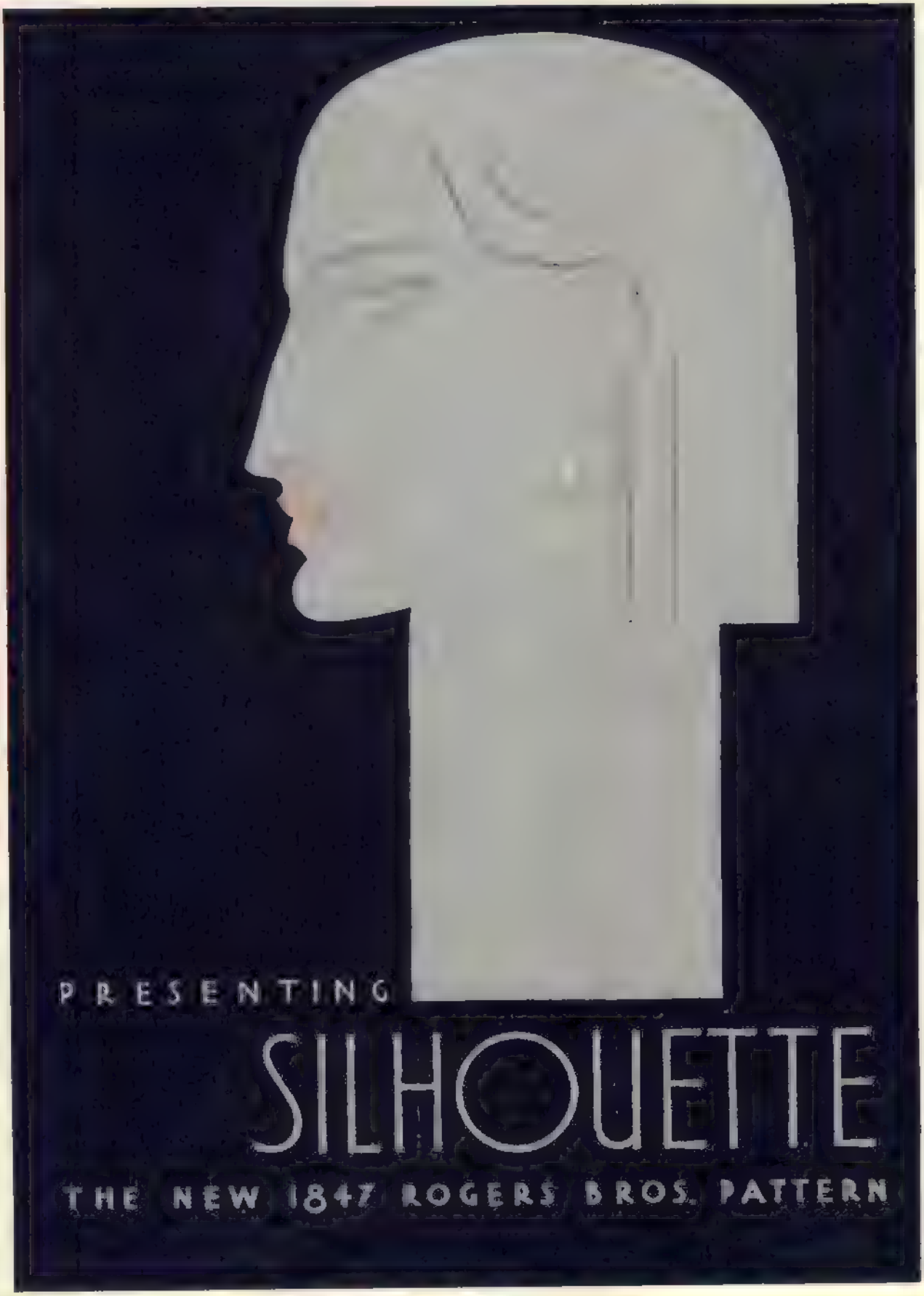
Each

No. H-702—Height 43 ins; diam bowl 24 ins..... ✚$52 50

Crated; wt each 250 lbs.

✚F. O. B. Illinois Factory Only.

An International Silver Co. Product



PRESENTING

SILHOUETTE

THE NEW 1847 ROGERS BROS. PATTERN

INTERNATIONAL SILVER CO.

An International Silver Co. Product

Wise business experts have pointed out that women influence the purchase of 85% of all commodities. If it's 85% in all commodities . . . imagine what it must be in an ultra-feminine article like silverware. You can estimate it at 98% and never be accused of the slightest exaggeration. Therefore SILHOUETTE follows the most feminine slant in the world for its theme . . . fashion. SILHOUETTE brings, in silverware, the same basic Paris inspired lines women demand in frocks, hats, handbags, shoes . . . every article of fashion. For certain identical, right, true lines run through all things of beauty and good taste. Clean, stream lines. And these are the lines of fashion, and of SILHOUETTE.

THE NEW SILHOUETTE PATTERN

VIANDE . . the new knife

PATENT APPLIED FOR

The new dinner knife, the Viande, is of special interest. Short blade . . . long handle. Enabling one to press one's finger on the handle instead of the blade. It's the logical shape for a knife. However, to please your conservative prospects, we also make the regular conventional dinner and dessert knives in SILHOUETTE—thereby giving you the chance to give your customer the choice. We predict that Viande will be the regulation standard knife on tomorrow's tables... and it is ready for you today.

INTERNATIONAL SILVER CO.

An International Silver Co. Product

1847 ROGERS BROS.

SILVERPLATE

THE NEW SILHOUETTE PATTERN

SPOONS	List Dozen	Consumer
Tea	$9.18	$7.50 doz.
Dessert or Oval Soup	18.36	15.00 doz
Table or Serving	18.36	15.00 doz.
Soup, Round Bowl	18.36	15.00 doz
Berry or Salad	51.52	3.50 ea
Berry, small, or Preserve	40.52	2.75 ea.
Bouillon	17.74	7.25 six
Coffee	9.18	3.75 six
Cream Soup or Cereal	18.36	7.50 six
Five o'Clock Tea	9.18	3.75 six
Iced Tea	14.72	6.00 six
Olive	25.78	1.75 ea
Orange or Grape Fruit	14.10	5.75 six
Sugar	18.36	1.25 ea.
FORKS		
Dinner	18.36	15.00 doz.
Dessert or Luncheon	18.36	15.00 doz.
Cold Meat, large	36.80	2.50 ea.
Cold Meat, small	29.46	2.00 ea.
Ice Cream	15.36	6.25 six
Oyster or Cocktail	12.90	5.25 six
Pastry or Pie	20.86	8.50 six
Pickle	22.06	1.50 ea
Salad, Individual	18.36	7.50 six
MISCELLANEOUS		
Sugar Tongs	29.46	2.00 ea
Ice Tongs	84.61	5.75 ea
Cucumber or Tomato Server	47.86	3.25 ea
Dessert Server	62.58	4.25 ea.
Jelly Server	25.78	1.75 ea
Butter Knife	18.36	1.25 ea.
Butter Spreaders	15.36	6.25 six
Cheese Server, H. H.	40 52	2 75 ea.
Pie Server, H. H.	66.26	4.50 ea.
Mayonnaise or Sauce Ladle	33.12	2.25 ea.
Gravy Ladle	40.52	2.75 ea.
KNIVES (Hollow Handle)		
Dinner, Mirror Finish Stainless Blades	36.50	28.00 doz.
Viande (Long Handle Short Blade), Mirror Finish Stainless Blades	39.12	30.00 doz.
Dessert, Mirror Finish Stainless Blades	36.50	28.00 doz.
Tea or Salad, Stainless Blades	28.70	11.00 six
Fruit, Stainless Blades	28.70	22.00 doz.
KNIVES (Solid Handle)		
Dinner, Stainless Blades	18.28	14.00 doz.
CARVING SETS (Hollow Handles, Stainless Blades and Tines)	Set	
Carving Set, 3 pcs.	23.46	18.00 set
Game Set, 2 pcs.	15 98	12.25 set
Steak Set, 2 pcs	10.44	8.00 set

26, 34 and 50-PIECE UTILITY TRAY SETS

With Hollow Handle Knives, Mirror Finish Stainless Blades, and Flat Handle Forks

	List	Consumer
26-Pc. Utility Tray Set	$46.34	$36.25 set
34-Pc. Utility Tray Set	60.08	47.15 set
50-Pc. Utility Tray Set	89.10	69.75 set

With Viande (long handle, short, mirror finish stainless blade) Knives, and Flat Handle Forks

26-Pc Utility Tray Set	47.64	37.25 set
34-Pc. Utility Tray Set	61.80	48.50 set
50-Pc. Utility Tray Set	91.70	71.75 set

With Solid Handle Knives, Stainless Blades, and Flat Handle Forks

26-Pc. Utility Tray Set	37.22	29.25 set
34-Pc Utility Tray Set	47.92	37.80 set
50-Pc Utility Tray Set	70.86	55.75 set

6-29

SILHOUETTE . . comes in gift boxes, as illustrated above. In larger units . . in addition to the regular 26 piece and 53 Piece Giveaway Chests . . note the sets listed

GIVAWAY CHEST SETS—54, 76 and 100 PIECES

With Hollow Handle Knives, Mirror Finish Stainless Blades, and Flat Handle Forks

		Last Consumer
54-Piece Giveaway Chest Set		$90.00 $72.20
8 Dinner Knives	8 Butter Spreaders	1 Gravy Ladle
8 Dinner Forks	8 Iced Tea Spoons	1 Butter Knife
8 Salad Forks	8 Teaspoons	1 Sugar Spoon
8 Dessert Spoons	1 Cold Meat Fork	
76-Piece Giveaway Chest Set		$112.28 $90.35
8 Dinner Knives	8 Iced Tea Spoons	1 Pie Knife
8 Salad Forks	8 Individual Sugar Spoons	1 Sugar Spoon
8 Dessert Spoons	8 Coffee Spoons	1 Cold Meat Fork
8 Soup Spoons	8 Teaspoons	1 Gravy Ladle
100-Piece Giveaway Chest Set		$149.50 $120.25
12 Dinner Knives	12 Iced Tea Spoons	Gravy Ladle
12 Dinner Forks	12 Individual Sugar Spoons	Butter Knife
12 Salad Forks	12 Coffee Spoons	Sugar Spoon
12 Dessert Spoons	12 Teaspoons	
12 Soup Spoons	1 Cold Meat Fork	

With Viande (long handle, short mirror finish stainless blade) Knives

	Last	Consumer
54 Piece Giveaway Chest Set	$91.72	$73.50
76 Piece Giveaway Chest Set	114.02	91.65
100 Piece Giveaway Chest Set	152.12	122.25

For other combinations, see pages illustrating other 1847 ROGERS BROS. patterns

1847 ROGERS BROS.

A C SPARK PLUGS

L

AC Spark Plugs are made of high grade material, skillfully manufactured. They are selected by leading engineers for regular equipment on the majority of the standard makes of automobiles and trucks.

THE BIG SELLING TYPE

Regular equipment on Ajax, Cadillac, Checkered Cab, Chrysler, Cole, Flint, Gardner, Gray, Hupmobile, Jordan, Paige, Star.

NO.	Type	Size In.	lb Ea.	EACH
AT	Titan	⅞ Reg.	⅛	$0.75
ACP	Carb. Prf.	⅞ Reg.	⅛	.75

Regular equipment on Buick, Chevrolet, 1927 and earlier, Oakland, Durant, Kissel, Pontiac, 1928.

NO.	Type	Size In.	lb Ea.	EACH
BT	Titan	⅞ Long	⅛	$0.75
BCH	Titan Chev.	⅞ Long	⅛	.75
BCP	Titan	⅞ Long	⅛	.75

Regular equipment on Buick, Nash, Oakland, Oldsmobile.

NO.	Type	Size In.	lb Ea.	EACH
CT	Titan	⅞ SAE Lg.	⅛	$0.75
CCP	Carb. Prf.	⅞ SAE Lg.	⅛	.75

Regular equipment on Chandler, Cleveland, Dodge, G. M. C. Trucks.

NO.	Type	Size In.	lb Ea.	EACH
DCP	Carbon Proof	⅞ Lg. Thd.	⅛	$0.75
DT	Titan	⅞ Lg. Thd.	⅛	.75

All packed one in a box; ten in a carton.

Regular equipment on Apperson, Durant 6, Haynes, Marmon, Stearns-Knight, Velie, Olds, 1927, Series E, Studebaker Dictator.

NO.	Type	Size In.	lb Ea.	EACH
ECP	Carbon Proof	⅞ SAE Reg.	⅛	$0.75
ET	Titan	⅞ SAE Reg.	⅛	.75

Regular equipment on GMC truck.

No.	Type	Size In	lb Ea.	EACH
NN	Titan	⅞ SAE Reg.	⅛	.75

Regular equipment on Hudson, Essex, Duesenburg, Wills St. Claire, Olds, 1928, series F, Chevrolet, 1929.

NO.	Type	Size In.	lb Ea.	EACH
GT	Titan	18mm.	⅛	$0.75
GCH	Titan Chev.	18mm.	⅛	.75

Regular equipment on Nash Advance 400.

No.	Type	Size In	lb Ea.	EACH
J	Titan	18mm.	⅛	$0.75

Regular equipment on Chrysler.

NO	Type	Size In.	lb Ea.	EACH
YT	Titan	⅞ Reg.	⅛	$0.75

Packard, Lincoln, 1927; Ford, Model A, 1928; Studebaker, President and Commander, Chevrolet 1928.

NO.	Type	Size In.	lb Ea.	EACH
ZCP	Carbon Proof	⅞	⅛	$0.75
ZT	Titan	⅞ Spec.	⅛	.75
ZCH	Titan	⅞ Spec.	⅛	.75

All packed one in a box, ten in a carton

L A C SPARK PLUGS

W to RT

ILL

Equipment on Hudson, Essex. Heavy duty metric.

NO.	Type	Size In.	lb Ea.	EACH
W	Titan	18 mm	⅛	$0.75

OTHER SIZES AC PLUGS

Regular equipment on Apperson, Dort, McFarland.

NO.	Type	Size In	lb Ea.	EACH
HCP	Carbon Proof	SAE ex. Lg.	⅛	$0.75

Adopted for Chandler, Overland 6, Willys-Knight, White, Mack Truck, Dodge Victory 6 and Senior Six.

NO	Type	Size In.	lb Ea.	EACH
ICP	Carbon Proof	⅞ Lg. Bdy.	⅛	$0.75
IT	Titan	⅞ Lg. Bdy.	⅛	.75

For Busses, Trucks and Tractors using a ⅞ plug

NO.	Type	Size In.	lb Ea.	EACH
KT	Titan	⅞ Reg. H.D.	⅛	$0.75

White ¾-2 ton, also other com. cars using metric plugs.

NO.	Type	Size In.	lb Ea.	EACH
L	Titan	18 mm. L.B.	⅛	$0.75

Regular equipment on Excelsior motorcycle.

NO.	Type	Size In.	lb Ea.	EACH
PT	Titan	18 mm. Sht.	⅛	$0.75

Recommended for Trucks using ⅞ extra long body plug.

NO.	Type	Size In	lb Ea.	EACH
RCP	Carbon Proof	⅞ E. L. B.	⅛	$0.75
RT	Titan	⅞ E. L. B.	⅛	.75

Hudson 1929, Essex 1929.

NO.	Type	Size In.		EACH
G10	Titan	18 mm.		$0.75

Plymouth, 1929.

NO	Type	Size In.		EACH
G13	Titan	18 mm.		$0.75

One in box; ten in a carton.

NOTE—LL means Long Life type.

Special Terminals furnished on request, at no additional charge.

LONG LIFE LINE

OLL

GLL

For Dodge Brothers, GMC, Graham Brothers.

NO.	Type	Size In.	lb Ea.	EACH
OLL	LL	⅞ Lg. Thd.	¼	$0.90

For Pierce-Arrow R-9, Brennan M, E-4, D-6, 100, Fageol, White.

NO.	Type	Size In.	lb Ea.	EACH
GLL	LL	18 mm.	¼	$0.90

LONG LIFE LINE

For American LaFrance, Broadway, Diamond T, Fageol, Federal, Mack, Pierce-Arrow (ex. R-9), White, Yellow. Also recommended for trucks, tractors, etc., where type A, J and K plugs are specified on our proper plug to use charts.

NO.	Type	Size In.	lb Ea.	EACH
ILL	LL	⅞	¼	$0.90

Recommended for trucks and busses ⅞" regular type plugs

NO.	Type	Size In.	lb Ea	EACH
ALL	LL	¾	¼	$0.90

NOTE—LL means Long Life type.

One in a box; ten in a carton.

AC FORD SPECIAL

T

U

Made in ½-Inch Regular Size Only

A new two-piece Ford plug designed to burn the oil from the porcelain and prevent carbon. Spring clip insures instant, and convenient connection that will not come loose.

Special Carbon Proof porcelain for 1075 plug. Special shape electrode forms natural drain, preventing oil lodging in spark gap.

NO.	Type	Size	lb Each	EACH
U	2 pc.	½ reg.	⅛	$0.50
T	1 pc.	½ reg.	⅛	.50

Extra Porcelains

NO.	EACH
AC-U-P	$0.30

One in box; 10 in a carton.

AC SPARK PLUG CHART

PROPER PLUGS TO USE

PASSENGER CARS—TAXICABS

Name of Car	Type
*Ajax	A
American	B
*Anderson	I
*Apperson Eight	E
*Apperson 8-x 1924 H	
Auburn (to 1923)	A
Auburn (1929 models 8-90 and 120, high compression)	NN
Auburn (1929 models and 120, low compression)	Y
*Badger	A
Brockway Diesel Model 67-B 1929	GY
*Buick (to 1924 inclusive)	B
*Buick, 1925 to 1928 inclusive	C
*Buick 1929 (high compression Head)	N-1
*Buick, 1929 (low compression head)	G
*Cadillac (to March 26, 1928)	A
*Cadillac 1928	Y
*Cadillac 1929	G-10
*Case	A
*Chandler to 1923	I
*Chandler 1923	A
*Chandler Pike's Peak	Z
*Chandler, Models 63 and 31	B C P
*Chandler, Models 135 and 137	B
*Chandler, Models 65 and 85 1929	B
*Chandler, Model 75 1929	Z
Checker Cab	A
*Chevrolet, to 1927 inclusive	B
*Chevrolet, 1928	Z
*Chevrolet, 1929	G
*Chrysler, 1927	A
Chrysler, 72 & 80	Y
*Chrysler, 52 and 62 1928	A and Y
Chrysler 85 1929 Silver Dome	A
Red Head	Y
Chrysler 75 Silver Dome	A
Red Head	Y
*Cleveland	B
*Cole	A
Cunningham	Z
*Davis	A
*De Soto	G-12
De Soto, All Models 1929 after May 1st	G 11
Diana	A
Dodge 6, to April 12, 1929	I
Dodge 6, all Models after April 12, 1929	G-12
Dodge 4	E
Dorris	A
*Driggs	E
Duesenberg	G
*Dupont	A
*Dupont, Model G	N-1
*Dupont Model C using aluminum cylinder head	B
Durant 4 1928	A
Durant 6 1928	F
*Durant 4, to 1926 inlusive	B
*Elcar, 1927 and after	A
Elcar, Model 120	Y
Elcar, 1928	I
Erskine	I
*Essex to 1921 incl	A
*Essex, 1921 to '25 inclusive	G C P
*Essex, 1926 to '28 inclusive	W
*Essex, 1929 "Challenger"	G-10
Falcon-Knight, Use AC No. 1550 Terminal Adapter	E
*Flint	A C P
Ford, Model T	AC-1075
Ford Model A	Z
Franklin, to 1926	C
Franklin Airman" 1928	Z
Franklin "Airman" 1929	N-1
Gardner	F
Graham Paige 610, 614, 619, 629	Z
Graham Paige 835 N 1	
Gray	A C P
H. C. S. Taxi	I
H. C. S.	A
*Haynes	E
*Hertz	A
*Hudson, to 1921	A
*Hudson, 1921 to 25 incl.	G C P
*Hudson, '26 to '28 Inclusive	W
*Hudson, 1929	G-10
Hupmobile 6	Z
Hupmobile 8, 1927	A
Hupmobile 8, 1928	G
Hupmobile, 1929 Century 8	N 1
Jewett	A
Jordan 8	G
Jordan 8	I
Kessler	E
King	A
*Kissel 6 and 8	A
*Kleiber	A
*La Salle	Y
*La Salle, 1928	G-10
Lexington	E
Lincoln, to 1928	A
*Lincoln, 1929	Z-1
Locomobile	A
Luxor	A
*McLaughlin, to 1924	E
*McLaughlin, 1925 to 1928	C
McLaughlin 1929 High Compression	G
McLaughlin 1929 Low Compression	G
Marmon	E C P
Marmon, Type and N-78, 1928	E
Marmon, Model 68 1929	I
Marmon, Model 78 1929	NN
*Marquette	G-12
*Moon	G
*Nash Advanced Six Spec. to 1929	C
*Nash Light 6 and Standard to 1929	A
*Nash 1929 Stand G	
*Nash 1929 Adv and Spec	J
*National Cabs	A
*Oakland, 1918 to 1923	C
*Oakland, 1923 to	
*1927 inclusive	B C P
*Oakland, 1927 and after	B
*Oldsmobile, to 1926	C C P
*Oldsmobile, Series F	G-11
*Oldsmobile, Model E	E
*Oldsmobile 8	A
Overland 4	Q
Overland 6	I
Packard, to 1926 inclusive	A
Packard, 1927 '28	Z
Packard 5, 1929	Z-1
Packard 8, 1929	Z
High Alt Head	Y
Paige 6 48	G
Paige	A
Peerless	A
Peerless, Model 81	G
Peerless, Models 61 and 91	I
Peerless, Model 61 1929	A
Pierce-Arrow, to 1925	A
Pierce-Arrow, 36, 80, 81 12h 1925-1929	I
*Plymouth, 1928	G-13
*Pontiac, to 1928	B C P
*Ponthac	B
*Premier	A
Reo to 1926	Q
Reo, Model A, Flying Cloud	Y
Reo, Model C Flying Cloud	G-12
*Revere	A
Richenbacker	C C P
Rollin	A
Rolls Royce	G
Roosevelt	I
*Sandow Taxicabs	A
*Star to 1927 incl.	A
Stearns-Knight 6	A
Stearns-Knight 8	E
Stearns, to 1927 incl.	E C P
*Stearns Duryea	A
Studebaker to 1920 Inclusive	F
Studebaker, 1920 to 1926 inclusive	E
Studebaker, 1927	Z
Studebaker Dictator	E
Studebaker Pres and Com to 1929	Z
Studebaker Pres and Com 1929	Y
Stutz 4	A
Stutz 8	Z
Stutz 8	G
Velie	E
*Viking 5	G-11
*Wasp	A
Whippet 4 and 6 to '28 incl.	A
Whippet 4, 1929	Y
Whippet 6, 1929	Z
White	A
Willo-Sainte Claire	G
Willys-Knight, Models 56-70	E
Willys-Knight 66A	A
Willys-Knight 4	I
Willys-Knight 8	E
Willys-Overland to 26	E
Wolverine Model B	G
* Yellow Cab 05	A
*Yellow Cab 06	G

COMMERCIAL CARS AND BUSES

Name of Car	Type
*Ace	A
Acme	A
*Acorn	A
Ahrens, Fox Fire Engine	A
*Allied Motor Industries, Inc.	G
*American LaFrance A	
*Armleder	A
*Atterbury	A
Autocar	A
*Available	A
*Bessemar	A
Bethlehem T-3	E
*Beta	I
*Brockway	A
Bull Dog	I
*Chevrolet, to '27	B
*Chevrolet, 1928	Z

COMMERCIAL CARS AND BUSES (Continued)

Name of Car	Type
*Chevrolet, 1929	G
*Chicago	B
*Chicago, to '27 Incl A	
Clydesdale	H
*Clydesdale	A
Colombia	A
*Commerce	A
*Corbett	I
*Corbett 56, 66 & 86	G-12
*Dart	A
*Diamond "T" Speed Truck	Y
*Diamond T	A
Dort	A
*Douglas	W
Draper	A
*Eagle	A
*Essex	G-10
Fageol	A & G
*Fargo Silver Dome	A
Red Head	Y
*Federal, Models 2F-6 and F-8	A
*Federal, Model W 6	W
*Federal with B 7 Continental Eng	E
*Federal, to 27	A
*Federal, All other Models	B
*Federal Knight	I
*Fifth Ave Coach	A
Ford, Model T	AC-1075
Ford Model A	Z
Freeman FWD	A L L
Fulton	A
*F. W. D.	A
Garford	B
Garford 1 ton	A
*Gary	A
*General Mtr Co Fire Apparatus	A L L
*GMC	Z
*GMC, Mod YZ	A L L
*GMC Buick '28 engine	C
*GMC Models T30, T32 T60 Buick 1929 engine	G-9
*GMC Pontiac Engine Dispatch	B
*GMC Model W	Y
Gotfredson	A
Graham Bros. 6	Y
Graham Bros. 4	Z
Gramm Bernstein	A
Gramm Motors	A
*G. W. W.	E
Harvey	A
Hawkeye	A
*Hendrickson	A L L
*Hoffman	A
*Hug	I L L
*Independent	A
Indiana	A
Indiana Model 200	A
Ranger	C
International	E
*Jumbo	A
*Kearns	A
Kelly Springfield	A
*Kenworth	A
*Kenworth, with Beda HS-6 and DW 6 engines	Y
*King-Zeidler	A
*Kissel	A
*Kleiber	A
*Laverne	A
*Macon	A
*MacDonald, Gray	A L L
Mack	I
*Mason	A C P
*Master	A
*Maxim, HU1, BU2, BH1	A
M-2, M-3, MH1	H
*Pak-Age-Kar, after June, 1927	G
*Pan Age-Kar, to June, 1927	A
*Mercedes	A
Maryland	I
*Nash	A
*National	A
*Nelson LeMoon	A
*Noble	A
*Nucar	A
*Ogden	A
*O. K.	A
Oneida	A
Oshkosh	A
Packard	A
*Patriot	A
Pierce-Arrow B 9	G
Fleet Arrow	A
Other Models	I
*Peter Pirsch Fire Engines	A
*Peter Pirsch Fire Engines using Continental 18R & 20R engines	N 1
*Rapair	A
*Red Ball	A
*Reliable	A
Reo, 1927	A
Reo Prior to '27	Q
Reo RA DA, DC	G
Reo other models	Y
*Republic, to 1928	E
*Republic, 1928	A
*Rowe	E
Ruggles	E
*Sandow	A
*Sanford, models S, F, O and R	A
*Sanford, Model N	G
Seagrave	A
Selden	A
Service	A
*Southern Fire Apparatus	I
Standard	E
*Sterling	A
*Sterling, Model DC 25-60	A
Stewart	A
*Stoughton	A
*Sullivan	A
Superior	A
Thorne	A
Traffic	A
Transport	A
*Twin City	A
*United	A
*Vulcan	Z
Walter	A
*Wachtmeit	A
*Walker Johnson	A
Walter	A
*Ward LaFrance AC P	
*Watson	A
*White, ¾ 2 Ton	M
*White, Model 54 and 60	NN
*White 50B, 51A, 52 53, 55, 56, 57 and 58	I
*White Models 15B and 20A	P
Wilcox Trux	A
Willy Knight 2¼ Ton	A
*Wilson	E
*Winther	A
*Wisconsin Coach	A
*Witt Will	A
*Yellow	A L L
*Yellow Coach, 8 Cylinders	Y

AVIATION ENGINES

Name of Car	Type
Anzani	N
*Comet	N
Continental	N
*Curtiss Racer	N
*Curtiss OXS and OXX6	N 1
Curtiss "Oriettain"	N
*Curtiss "Challenger" Engine	NC 6
Daley	N
Fairchild Camel	N
Hazlett	N
Hall Scott	N 1
Hispano-Suiza	N 1
*Kinner	N
La Blond	N
Mercedes 20 II P Engine	N
Packard	N
*Peter	N
Pratt & Whitney	N
Salmson 30 H P	N
*Seekely SR3	N
*Velie	N
*Warner	N
*Wright	N

* Indicates AC Spark Plugs used as factory equipment.
, C. P. Indicates AC Carbon-Proof Plugs recommended

MARINE ENGINES

Name of Car	Type
Ambassador	P
*Atlas Engine Y & N	
Automatic	Q
Ampsion	C
*Brennan	B
*Buda	A or Y
Cady and Cadyford F	
*Caille Models 16 and 66	G-7
*Caille, Model B	G-10
*Caille Model B Racing	G-8
*Caille, Model C	G 8
*Caille Model B Cruising	G 10
*Capitol	N
Continental Red Seal 6	Y
*Curtis	C
Dodge	Z
*Elco, Type F	Y
*Elto	G-6
Evansville	P
*Evinrude	A
*Gray, Continental 14-K high compression	CM
*Gray, Model 8-100 Std Comp	N 1
*Gray, Model 8-100 High Comp.	GM
*Gray, Model 4-30, 6	Z
*Gray, Model 4-50, 4-75, 6-40	B
*Gray, Models 6-80, 6-72, 6-90	A
Hall-Scott	G
Hubbard	C
*Johnson	N-1
Kearns	A
Kermath	A
Knox	Q
*Lathrop, Mystic Models	E
*Lathrop, Other Models	B

Continued on Next Page

L

A C SPARK PLUG CHART

PROPER PLUGS TO USE

MARINE ENGINES (Continued)

Name of Car	Type
*Lockwood, Stnd. Comp	G-7
*Lockwood, High Comp.	G-8½
*Lycoming, Model UD	G-10
*Peerless	F or C
Pierce Boadin	A
Red Wing, Models K and D	B
Red Wing, other Models	O
Regal	E
*Roberts	C or K
St. Lawrent	F
Scripps	C
Scripps, F-4 and F-6	A
Scripps, F 6 Jr., G-6, H 6 and 200 H P	N-1
*Sorz	F
Sp nawa	F
*Standard	E
*Stearns Sterling, All except D 2	B or I E
Sterling D 2	F
Talmo	C
Universal 6-70 H P	D
Universal 100 H P.	A
Universal	NN
*Van Blerck	A
*Van Dierck "Jr"	G
Wisconsin	A
*Wright	G

TRACTORS

Name of Car	Type
*Advance Rumley	A
*Allis Chalmers	C
*Avery "Road Razer	A
*Avery	F
*Bates	A
*Beaver	H
*Berman	F
Best	A
*J. I. Case	A
Caterpillar	A
Cletrac	A
*Dart	A
Deere	F
Eagle	F
*F B	F
*Fitch	A
Fordson	AC 1075
Fourtrivs, Model E 15	A
Gray	A
*Hart-Parr	F
*Holt Caterpillar to 1921	A
New Models	I
International	E L L
*J. & T.	D
*LaCrosse	F
Leader, 812 16	F
Leader, C-18-36	A
Linn	H
Little Giant	F
*Lombard	zI
McCormack Deering	E
*Minneapolis	F
Monarch	H
Nichols-Shepard	F
*Pioneer	F
*Samson	B
*Sanford	A
Stawnee	A
*Tioga	A
*Titan	A
Topp Stewart	A
Townshend	A
Twin City	E
Wallis	A
Waterloo Boy	F
*Wisconsin	A
Yiba	A
Yiba, 20 35 40 70	F

LIGHTING PLANTS

Name of Car	Type
Automatic	E
*C. W. C.	F
*Daylonite	A
*Delco Light	C
*Delco Light 4 cyl., 1500 Watt	W
*Dehlectric	E
*Eastlite	F
*Exertion	C
*Fairbanks	A
*Farmelectric	F
*Genco	A
*Globe Light and Power	E
Homelight	P
Homelight, to 1927	G
*Kohler Lighting Plant	A-LL & G
*Lalley-Light	A
*Lecol te	A
*Ma. Lews	M
*Meyerlite	A
*Nan-Ki Vel	A
*Northlite	F
*Owen	W & E
*Perfection	A
*Powerlite	A
*Rice	A
*Swartz	I
*United	A
*Wesco	A

MOTORCYCLES

Name of Car	Type
*Ace	G
*Briggs and Stratton	G
Cleveland	G
*Excelsior	P
Harley Davidson, 2 Cylinders	N-1
Harley Davidson, 1 cylinder	V
*Henderson	O
Indian	N-1
*Johnson	N 1
*Jiffens, to March 1927	G
Ner-A-Car	C

MISCELLANEOUS

Name of Car	Type
*Adco Engines	F
Austin Mfg Co.	F
*Baker Engines	AC 1075
*Barber Grain Conveyor	A
*Bean Spray Pump	AC-1075
Blatz-Page	F
Brennan Motors, 4 Cylinder	N 1
Brennan Motors, 6 Cylinder	W
*Bucyrus-Erie Co., Waukesha Motors	A
*Bucyrus Erie Co., Wisconsin Motors	B
*Buda, Rail Car	N-1
*Buhl Air Compressors	F
Burton Locomotives	A
*Butler Sweepers	A
*Byers Machines	C
*Caldwell Lawn Mowers	A & G
Continental	A & G
*Douglas Pump	A
*Ekonomy Gas Engines	F
*Elgin Sweepers	A
*Emerson- Brantingham	F
*Fairbanks Morse	F
*Farmall 100 H P.	A
Fairbanks Morse Hy	F
Farmall Tractors	A
*Fordson	F
Fordson Industrial	F
*Gaar-Scott	A
*Gas Traction	A
*Gasoline Railway Pay & Rowen "Challenger"	Y
*Fuller & Johnson	A
*Gardner Denver	A
*Gleaner Harvester	A
*Hercules, 1929	A
*Ingersoll Rand AC	A
*Insley Excavators	A
Kalamazoo Ry.	F
Kent Concrete Mix	A
*Koehring Road Pavers	A
Light Mfg and Foundry	A
*Maxim Motors, after Feb. 1928	A C P
*Maxim Motors	A
*Maxim, Motor driven apparatus using dual ignition	F C P
*Maytag Washing Machines	F C P
*Milwaukee Gas Locomotives	F
*Milwaukee Lawn Mowers	G-9
Motor Mower	A
*Mudge Railway	F
*New Way Twin Engines	G
*Orton Cranes and Shovels	A
*Osgood Cranes	B
*P & H Excavators	A
*Palmer Bros., NK4 to 1924	H
*Palmer Bros. NK4 after 1924	A or Y
*Perfection Power Sprayers	F
*Peter Pirsch Fire Apparatus	Y
*A. L. Powell Power Co.	W
*Ready Power	P
*Sanderson Cyclone Drill	Y
*Schramm Air Compressors	A & F
*Skagit Hoists Speeders, etc	A
*Sorg Motors	F
Standard Separators	F
*Sullivan Portable Air Compressors	A
*Syracuse Washing Machines	W
*Thorne Package Car	A
Toro Cultivator	A
*Vandyke Drag Saw	F
*Vulcan Machinery	A
Wade Drag Saw	F
Wisconsin Engines Models G & F	A

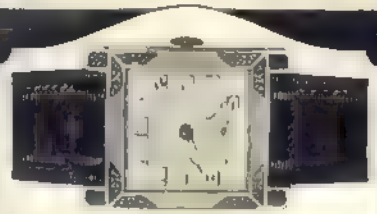
L.L. Indicates AC Long Life Plugs recommended.

Consult our Salesman regarding Contract arrangement on A C Merchandise

Abra Watches

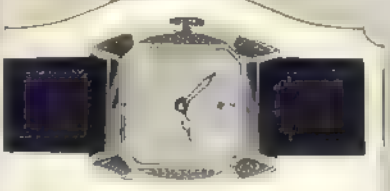
210 —12L Abra 6J mov lumi dial imported white metal case detach lugs ... $ 9.50

ORIGINAL COMBINATION GIFT DISPLAY BOX FURNISHED WITH EACH WATCH



271 ...10 ½L Abra 6J mov lumi dial rolled plate case detachable lugs curved back $10.20
273 15 ...Same with Abra 15J mov $15.00

THE TRUSTY TIMEKEEPER



272 ...10 ½L Abra 6J mov lumi dial rolled plate case detachable lugs curved back $10.20
272 15 ...Same with Abra 15J mov $15.00

UP TO THE MINUTE ON THE MINUTE

A GOOD movement must have a good case and therefore, we have been doubly careful in selecting these newest designs from the lines of the most reliable watch case manufacturers. All cases are chrome finish. Be up to the minute and on the minute by wearing one of these Abra Sport Watches.

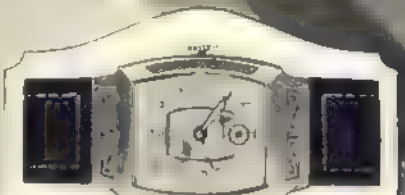
275 ...10 ½L Abra 6J mov lumi dial rolled plate case detachable lugs curved back $10.20
275 15 ...Same with Abra 15J mov $15.00

257 —10 ½L Abra 6J mov lumi dial chromium white quality case detachable lugs curved back satin finish $11.50
257 15 —Same with Abra 15J mov $17.00

258 —10½L Abra 6J mov lumi dial chromium white quality case detachable lugs curved back satin finish $11.50
258/15 —Same with Abra 15J mov $17.00

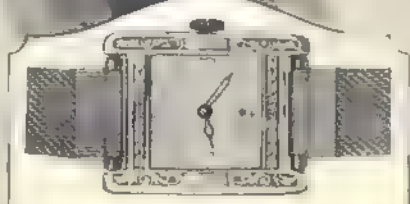
250 —10½L Abra 6J mov lumi dial Universal quality case detach lugs curved back $11.00
250 15 —Same with Abra 15J mov $17.50

251 —10½L Abra 6J mov lumi dial chromium white quality case detachable lugs curved back satin finish with bar metal band $13.50
251/15 —Same with Abra 15J mov $20.00

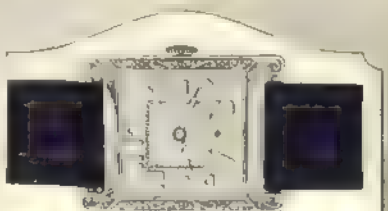


253 —10½L Abra 6J mov lumi dial chromium white quality case detachable lugs curved back satin finish $11.50
253 15 —Same with Abra 15J mov $17.00

222—10½L Abra 6J mov lumi dial 10 Argonaut quality case detach lugs curved back $10.50
222 15 —Same with Abra 15J mov... $14.50



263 —10½L Abra 6J mov lumi dial 10 Argonaut quality case detach. lugs curved back with flush band $15.00
263/15—Same with Abra 15J mov $19.50

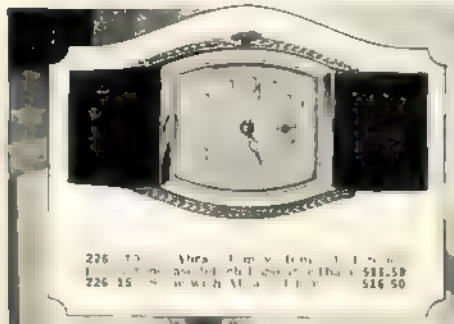


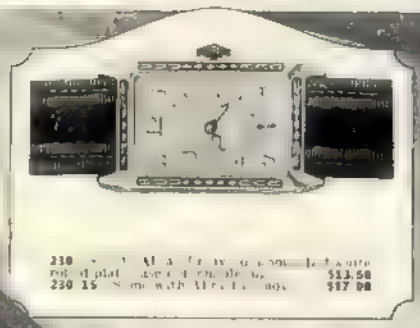
261 —10½L Abra 6J mov lumi dial 10 Argonaut quality case detach lugs curved back $10.50
261/15—Same with Abra 15J mov $16.50

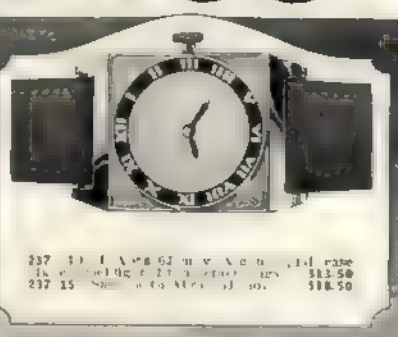
Prices are subject to change without notice pending new tariff law.

Watches shown are ⅜ actual size.

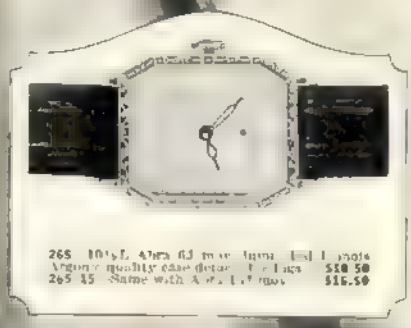
Abra Watches

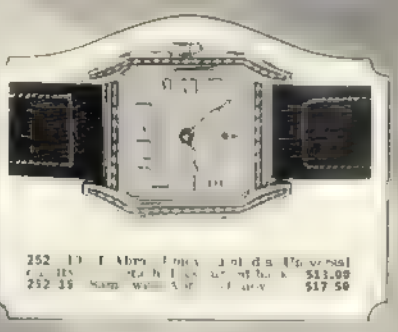






THE TRUSTY TIMEKEEPER

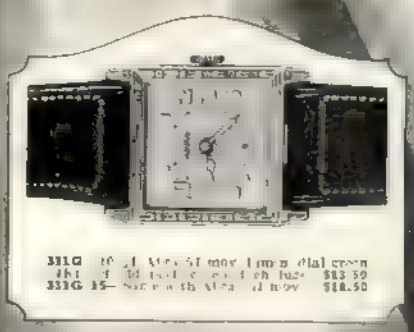


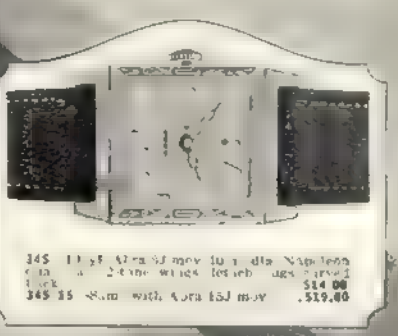


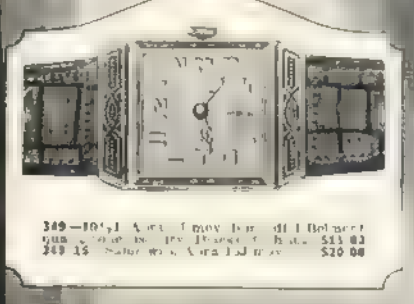
GUARANTEE

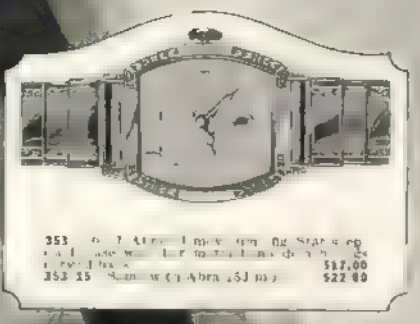
Having been accurately and carefully inspected, this timepiece is absolutely guaranteed to give perfect satisfaction if properly handled. All cases are chrome finish.

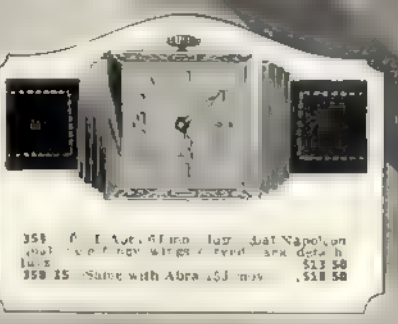
Abra

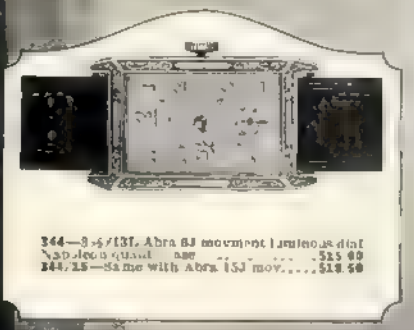


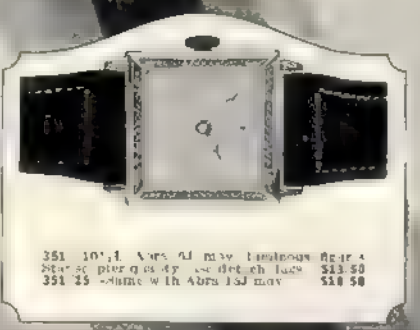


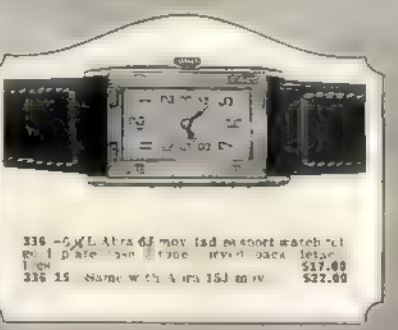












Prices are subject to change without notice pending new tariff law.

Watches shown are ½ actual size.

Abra Watches

501 —10½L. Abra 6J movement white chromium plated case ... $ 9.50
503 15—Same with Abra 15J movement $11.70

UNIQUE COMBINATION GIFT DISPLAY BOX FURNISHED WITH EACH WATCH

505 10½L. Abra 6J movement white chromium plated case ... $ 9.50
505 15—Same with Abra 15J movement $11.70

THE TRUSTY TIMEKEEPER

ABRA Watches have become known to the public as trusty timekeepers! Year in and year out, in all sorts of weather, these popular priced watches have been ticking satisfaction as well as time for their owners.

Each year sees an ever increasing demand for these remarkable little timepieces. Therefore, when you select a watch, either as a gift or for your own use, you can feel perfectly at ease in choosing an Abra—*The Trusty Timekeeper.*

600 6½L. Abra 6J cut balance movement white rolled plate case ... $12.00
600 15—Same with Abra 15J movement $16.50

602 6½L. Abra 6J cut balance movement white rolled plate case ... $12.00
602 15—Same with Abra 15J movement $16.50

704 6½L. Abra 6J cut balance movement white rolled plate case ... $12.50
704 15—Same with Abra 15J movement $17.20

643 6½L. Abra 6J cut balance movement Non-poleon quality gold filled case ... $13.50
643 15—Same with Abra 15J movement $18.00

641 6½L. Abra 6J cut balance movement Non-poleon quality gold filled case ... $13.00
641 15—Same with Abra 15J movement $18.00

612 6½L. Abra 6J cut balance movement Non-poleon quality gold filled case with chrome finish bezel ... $16.00
612 15—Same with Abra 15J movement $21.00

644 6½L. Abra 6J cut balance movement Non-poleon quality gold filled case ... $13.00
644 15—Same with Abra 15J movement $18.00

748 6½L. Abra 6J cut balance movement Non-poleon quality gold filled case ... $14.00
748 15—Same with Abra 15J movement $19.00

626 6½L. Abra 6J cut balance movement Non-poleon quality gold filled case ... $14.70
626 15—Same with Abra 15J movement $20.00

741 6½L. Abra 6J cut balance movement Non-poleon quality gold filled case ... $15.50
741 15—Same with Abra 15J movement $20.50

646 6½L. Abra 6J cut balance movement Non-poleon quality gold filled case ... $16.00
646 15—Same with Abra 15J movement $21.00

603 6½L. Abra 6J cut balance movement Non-poleon quality case with leather band $16.00
603 15—Same with Abra 15J movement $21.00

726 6½L. Abra 6J cut balance movement gold-berg gold plate mesh case ... $15.50
726 15—Same with Abra 15J movement $20.50

744 6½L. Abra 6J cut balance movement solid gold plate set in fancy case ... $15.50
744 15—Same with Abra 15J movement $20.50

647 6½L. Abra 6J cut balance movement Non-poleon quality case ... $17.50
647 15—Same with Abra 15J movement $22.50

656 6½L. Abra 6J cut balance movement Silver plated bezel case ... $17.00
656 15—Same with Abra 15J movement $21.70

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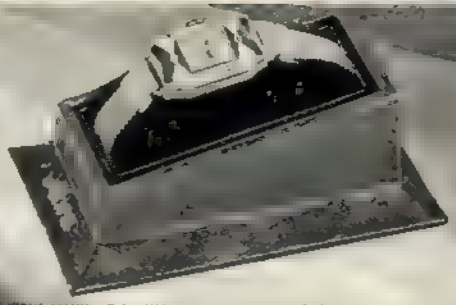
Watches shown are ⅞ actual size.

Abra Watches



ONE COMBINATION GIFT DISPLAY BOX FURNISHED WITH EACH WATCH

THE TRUSTY TIMEKEEPER

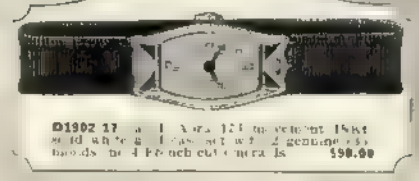
EVERY Abra Watch comes in a fine presentation case, with a guarantee and a resale price tag. The dials have been selected to meet the requirements of the most fastidious and can be supplied in raised figures

From its inception, the **Abra** movement has been carefully assembled by expert craftsmen. Today it is recognized as the watch that represents the greatest value for the money. All parts are standardized and interchangeable. Our Service Department is prepared to take care of all broken parts by replacing same with new ones immediately

D1606 [illegible] 14K solid white gold [illegible] $48.00
D1606 17 [illegible] $52.50

D1783 [illegible] 14K solid white gold [illegible] $48.00
D1703 17 [illegible] $52.50

D1705 [illegible] $49.50
D1705 17 [illegible] $54.00



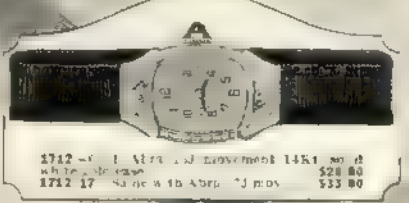
D1902 17 [illegible] 14Kt solid white gold [illegible] $90.00

1808 5½L Abra 17J movement 14Kt solid white gold [illegible] $42.00

1811 5½L Abra 15J 14Kt solid white gold case $38.00
1811 17 Same with Abra 17J mov $42.00

1612 6½L Abra [illegible] 15Kt solid white gold [illegible] $27.50
1612 17 Same with Abra 17J mov $31.50

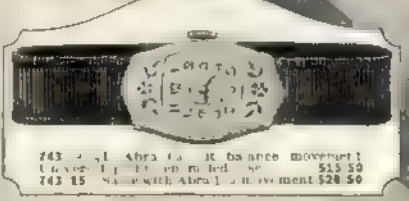
1618 [illegible] Abra [illegible] movement 14Kt white gold [illegible] $26.70
1618 17 [illegible] with Abra 17J mov $33.00



1712 [illegible] Abra 15J movement 14Kt solid white gold case $28.80
1712 17 Same with Abra 17J mov $33.80

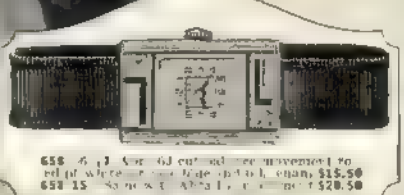
651 [illegible] movement [illegible] $14.70
651 15 Same with Abra 15J movement $29.00

1600 [illegible] Abra 15J movement 14Kt solid [illegible] $23.00
1600 17 [illegible] with Abra 17J mov $26.00



743 [illegible] Abra [illegible] movement [illegible] $15.50
743 15 Same with Abra 15J movement $28.50

648 6½L Abra [illegible] movement [illegible] $13.50
648 15 Same with Abra 15J movement $20.50



658 6½L Abra 6J cut balance movement [illegible] $15.50
658 15 Same with Abra 15J movement $20.50

657 6½L Abra [illegible] movement rolled plate white case blk and wht enam $15.50
657 15 Same with Abra 15J movement $20.50

653 [illegible] Abra [illegible] movement [illegible] $17.50
653 15 Same with Abra 15J movement $22.50

659 6½L Abra 6J cut balance movement rolled plate white case black enam $15.50
659 15 Same with Abra 15J movement $20.50

752 6½L Abra 6J cut balance movement rolled plate white lever case blk and wht enam $16.00
752 15—same with Abra 15J movement $21.00

Prices are subject to change without notice pending new tariff law.

Watches shown are ⅞ actual size.

BLUE GRASS EIGHT DAY ALARM CLOCKS

THINK OF IT--for only a few cents more a clock can be had that requires winding only every eight days--**AND NOT EVERY DAY**--as most Alarm Clocks.

COMPARE the size, construction and attractive finish, large numerals, positive alarm.

It is clearly seen that the Blue Grass Eight Day Alarm is a wonderful value.

The alarm is long and loud.

Springs are enclosed in drums; movements are substantially constructed of brass and steel.

The case is of the thin model type and finished in burnished nickel.

Large alarm bell is in back--hidden by back cover; on and off switch is located in handy place and is positive in action.

Height 7¼ inches,
Diameter Dial 4¼ inches,
Thickness 2¼ inches.

(ILLUSTRATION IS ACTUAL SIZE)

A PERFECT TIME KEEPER—ONLY NEEDS WINDING EVERY 8 DAYS

		Plain Dial.	Luminous Dial.	
THIN MODEL	Nos.	BG8	BG-8L	LONG ALARM
	Less than 24, Each	$7 50	8 94	
	Case lots of 24 or more, Each	7 17	8 67	

One in cardboard box, 24 in case; wt per case 80 lbs.

ALARM CLOCKS

—BLUE GRASS—
Intermittent, Plain Dial.

Fifty-five hour time with alarm release and push and pull shut off. Alarm rings for 15 seconds and is silent a similar period, alternating thus for 12 minutes.

	Each
No. BG50—Nickel plated brass case. Ivoroid dial; height 7¼ ins; diam dial 4¾ ins; wt per case 65 lbs	$5 00

One in cardboard box; 24 in case.

OTHELLO
Plain Dial.

Nickel plated and polished finish case. One day movement; top bell with lever shut off; height 6 inches; diameter dial 3¾ inches.

No.	90
Each	$ 2 07
Per case of 50	100 50

One in cardboard box; 50 in case; wt per case 58 lbs.

TIME AND TIDE
Plain Dial.

Nickel plated and polished steel case. One day movement; top bell alarm with stem shut off. Perfect alarm adjustment. Height 6 inches; diameter dial 3¾ inches.

No.	45
Each	$ 2 07
Per case of 50	100 50

One in cardboard box, 50 in wood case; wt per case 50 lbs.

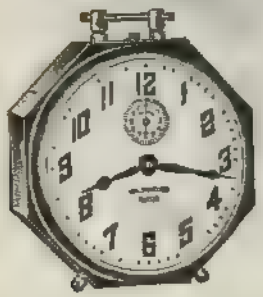
INDIAN, Plain Dial.

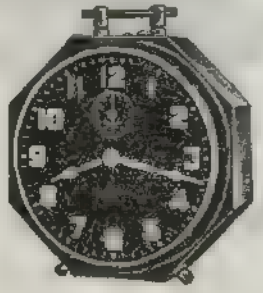
Fitted with stem shut-off, alarm is released by raising ball on stem and is stopped by pressing ball on stem. Bell enclosed within the case, case nickeled and highly polished.

	Each
No. 100-1—One day; height 6 ins; diam dial 4 ins	$3 00

One in cardboard box; 50 in wood case; wt per case 65 lbs.

NEW HAVEN TOM-TOM
Forty Hour Movement, Intermittent.





Brass octagon case, heavily nickel plated and polished. Height 5½ ins; width 4⅞ ins; diameter dial 4¼ ins.

	Each
No. 350—Plain dial	$7 05
No. 450—Luminous dial	9 00

One in cardboard box; wt each 2 lbs.

ALARM CLOCKS
NEW HAVEN TIDY-TOT
Forty Hour Movement. Intermittent.

Brass octagon case, heavily nickel plated and polished. Height 3⅛ inches; width 2¾ inches; diameter dial 2¼ inches.

	Each
No. 355—Plain dial	$7 05
No. 455—Luminous dial	9 00

On 1 cardboard box; wt each ½ lb.

CLOCKS
GOTHIC TIME PIECE, TAT TOO, Jr.

Brass case, russet bronze finish; full size gold dial; bowed glass and French open hands.

	Each
No. 155—Forty hour; height 3⅛ ins; width at base 2½ ins	$6 45

One in cardboard box; wt each ½ lb.

WESTCLOX, AMERICA

(Plain Dial).

(Luminous Dial).

Seamless drawn case, heavily nickel plated and highly polished; brass back plate and top ring. Thirty hour alarm movement with lever shut-off. Height 6 inches, diameter dial 3½ inches.

	Each	
No. 2A—Plain dial	3 36	*$1 50*
No. 2AR—Luminous dial	4 98	*2 25*

One in cardboard box; 48 in wood case; wt per case 75 lbs.

WESTCLOX, SLEEPMETER

(Plain Dial).

(Luminous Dial).

A back bell alarm clock. Seamless brass case, nickel plated; rounded bezel; polished brass inside rim; top ring and keys brass nickel plated. The alarm rings long and loud and can be shut off at will by means of the shut-off attachment. Height 5 inches.

	Each	
No. 2225—Plain dial, diameter 3½ ins	4 50	*$2 00*
No. 2278—Luminous dial, diameter 4 ins	6 75	*3 00*

One in cardboard box; 48 in wood case; wt per case 100 lbs.

ALARM CLOCKS
WESTCLOX, BEN HUR

(Plain Dial).

(Luminous Dial).

Brass case and tip proof base. Height 4½ inches. Arabic numerals.

Thirty Two Hour Movement.

Nickel plated and highly polished case and base.

			Each
No. BH16—Plain dial	5	55	*$2 50*
No. 18R—Luminous dial	7	80	*3 50*

One in cardboard box, 24 in wood case; wt per case 49 lbs.

WESTCLOX, BEN HUR
In Assorted Colors.

Back bell alarm. Seamless brass case and tip proof ornamental base. Enameled in attractive colors of nile green, old rose and blue. Round bezel. Arabic numerals. Steady alarm. Height 4½ inches.

Thirty Hour Movement.

			Each
No. 44ACR—Gold finish luminous dial	7	80	*$3 50*
No. 44AC—Gold finish plain dial	5	55	

One in cardboard box, 24 in wood case; wt per doz 49 lbs.

WESTCLOX, BIG BEN
Intermittent.

(Plain Dial)

(Luminous Dial)

Back bell alarm clock. Seamless brass case nickel plated; rounded bezel; polished brass inside rim.

Equipped with two indicating alarm controls, alarm and silent on one side, steady and repeat on the other; rings intermittently every 15 seconds for 15 minutes. Arabic numerals. Height 7 inches; diameter dial 4½ inches.

Thirty Hour Movement.

			Each
No. BB48—Plain dial	7	29	*$3 25*
No. 49R—Luminous dial	10	11	*4 50*

One in cardboard box; 24 in wood case; wt per doz 29 lbs.

ALARM CLOCKS
WESTCLOX, BABY BEN
Intermittent.

(Plain Dial)

(Luminous Dial)

Back bell alarm. Seamless brass case, nickel plated; round bezel; polished inside rim. Equipped with two indicating alarm controls, alarm and silent on one side, steady and repeat on the other, alarm rings intermittently every 15 seconds for 15 minutes. Height 3¾ inches; diameter dial 2¼ inches.

Thirty Hour Movement.

			Each
No. LB24—Plain dial	7	29	*$3 25*
No. 27R—Luminous dial	10	11	*4 50*

One in cardboard box; 48 in case; wt per doz 12 lbs.

WESTCLOX, BIG BEN DE LUXE
Intermittent and Steady.

(Plain Dial)

Back bell alarm. Seamless brass case and tip proof ornamental felt padded base; nickel plated and highly polished; rounded bezel; polished brass inside rim.

(Luminous Dial)

Equipped with two indicating alarm controls, alarm and silent on one side, steady and repeat on the other; rings intermittently every 30 seconds for 10 minutes or steadily for 5 minutes. Arabic design numerals. Height 7 inches; diameter dial 4½ inches; base 2½x5½ inches.

Thirty Hour Movement.

			Each
No. 50D—Plain dial	8	31	*$3 75*
No. 50DR—Luminous dial	11	10	*5 00*

One in cardboard box, 24 in wood case; wt per doz 30 lbs.

WESTCLOX BIG BEN DE LUXE
In Assorted Colors.
Intermittent and Steady.

Back bell alarm. Seamless brass case and tip-proof ornamental felt padded base, crackle finish in nile green, old rose and blue. Round bezel. Equipped with two indicating alarm

controls, alarm and silent on one side, steady and repeat on the other; rings intermittently every 30 seconds for 10 minutes or steadily for 5 minutes. Arabic design numerals. Height 5¾ inches; diameter dial 4⅜ inches; base 2½x5½ inches.

Thirty Hour Movement.

			Each
No. 100DA—Plain dial	8	31	*$3 75*
No. 100DAR—Gold finish luminous dial	11	10	*5 00*

One in cardboard box; 24 in wood case; wt per doz 30 lbs.

D 5

ALARM CLOCKS

WESTCLOX, BABY BEN DE LUXE

Intermittent.

(Plain Dial)

(Luminous Dial)

Back bell alarm. Seamless brass case and tip proof ornamental felt padded base, nickel plated and highly polished; round bezel; polished inside rim. Equipped with two indicating alarm controls, alarm and silent on one side, steady and repeat on the other; rings intermittently every 30 seconds for 10 minutes or steadily for 5 minutes. Height 3¾ inches diameter dial 2¼ inches; base 1½x3 inches.

Thirty Hour Intermittent.

		Each
No. 25D—Plain Dial	8 31	*$3 75*
No. 25DR—Luminous dial	11 10	*5 00*

One in cardboard box, 48 in case; wt per doz 12 lbs.

WESTCLOX, BABY BEN

In Assorted Colors. Intermittent and Steady.

Back bell alarm. Seamless brass case and, tip-proof ornamental felt padded base, crackle finish in Nile green, blue and old rose; round bezel.

Equipped with two indicating alarm controls, alarm and silent on one side, steady and repeat on the other, steady alarm rings for 5 minutes, intermittent rings 10 minutes at 30 second intervals or steadily for 5 minutes. Height 3⅛ inches; diameter dial 2¼ inches; base 1½x3 inches.

Thirty Hour, Intermittent.

		Each
No. 75DA—Plain dial	8 31	*$3 75*
No. 75DAR—Gold finish luminious dial	11 10	*5 00*

One in cardboard box; 24 in wood case; wt per doz 12 lbs.

CLOCKS

WESTCLOX, TINY TIM

In Assorted Colors.

Seamless brass case and tip-proof ornamental felt covered base assorted nickel plated and crackle finish in walnut, old rose, blue, green and yellow. Stem wind and set. Height 2½ inches; diameter 2¼ inches; base 1⅛x2¼ inches.

Thirty Hour Movement.

	Each
No. 80AC—Plain dial	$4 80

One in cardboard box, half doz in carton; wt each 6 ozs.

MANTEL CLOCKS

—BLUE GRASS—

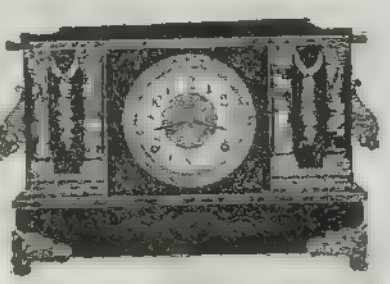
Eight-day; hour and half hour strike on cathedral gong; ivoried dial, 5 inch diameter; convex glass; black enameled case with stained glass window effect on each side.

	Each
No. BG60—Green metal columns; gilt trimmings; height 10¼ ins; width 16¾ ins	$18 00

One in wood box; wt each 16 lbs.

—BLUE GRASS—
ART

Eight-day; hour and half hour strike on cathedral gong; two onyx columns on each side, with gilt ornaments between; gilt feet and side ornaments, wood case, black enameled; green marbleized mouldings.



	Each
No. BG234—Height 11 ins; width 17 ins; 5 in. dial, with gilt center	$19 50

One in wood box; wt each 16 lbs.

—BLUE GRASS—

Eight-day; hour and half-hour strike on cathedral gong; wood case, black enameled; green marbleized moulding; green metal columns, gilt trimmings.

	Each
No. BG69—Ht. 12 ins; width 16 ins; 5 in. dial	$19 50

One in wood box; wt each 20 lbs.

INGRAHAM

Eight-day; hour and half hour strike on cathedral gong; wood case, black enameled; green marbleized moulding; nickeled columns; gilt trimmings.

	Each
No. 162—Height 11 ins; width 14 ins; 5 in. dial	$15 75

One in wood box; wt each 15 lbs.

INGRAHAM

Eight-day; half hour strike on cathedral gong; wood case, black enameled; copper columns and trimmings.

	Each
No. 673—Height 10 ins; width 14 ins; 5 in. dial	$15 75

One in wood box; wt each 12 lbs.

BUFFALO DRILLS

FONT

No. 612

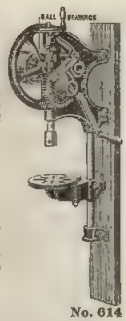
SPECIFICATIONS

No. 612

Drills to center of 12 in. circle, up to 1-inch holes. Run of feed, 3 in. Run of table, 9 in. Spindle diam 1⅛ inch. Bored for ½ in. drills.

No. 614

Drills to center of 14-in. circle, up to 1⅛ in. holes. Spindle diameter, 1 inch. Run of feed, 5-inch. Run of table, 11-inch. Bored for ½ in. drills.



No. 614

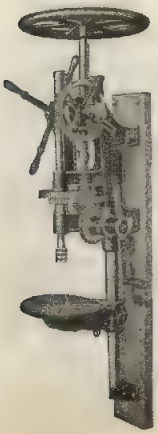
Ball Bearing

A good, serviceable drill for medium works. Shafts and spindles are of steel, machined, finished and fitted. Bearings bored and reamed in the solid metal. Has both hand and automatic feed; the latter adjustable to three speeds. Has slotted round table and is fitted with Buffalo Improved Chuck.

NO.	Length	Wt.	EACH
612	38 in.	86 lb.	$18.00

A heavier and stronger drill than No. 612. Has hand and automatic feeds, and two speeds.

NO.	Length	Wt.	EACH
614	41 in.	98 lb.	$21 00



Ball Bearing

Two speeds. Change by sliding collar. Hand and automatic feed, instant change Buffalo Sure Grip Chuck. Slotted round table. Gears machine cut and guarded.

Specifications:

Drills to center of 16-in. circle up to 1¾-in. holes. Diameter spindle, 1¾ in.; run of table, 14 in.; bored for 1¾-in. straight shank bits. Can be bored for 41/64 or No. 1, 2, 3 or 4 Morse Taper.

For Power (With Pulley)

NO.	Lgth. In.	lb Each	EACH
116A	63	247	$75.00

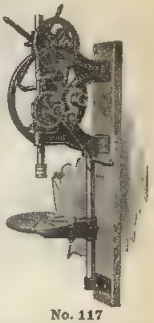
POST

No. 616

Drills to center of 18-in. circle, up to 1¼-in. holes. Spindle diameter, 1⅛ in. Run of feed, 8¼ in. Run of table, 10 in. Bored for ½ in. drills.

No. 117

Drills to center of 17 in. circle, up to 1¼-in. holes. Spindle diameter, 1¼ in. Run of feed, 6 inch. Run of table, 14 in. Bored for ⅝-in. drills



No. 616 No. 117

A heavy, powerful drill which has two speeds, and is back geared. Hand and automatic feeds, the latter adjustable to three speeds. Has square slotted adjustable table and Buffalo Improved Chuck.

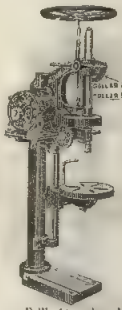
NO.	Length	Wt.	EACH
616	38 in.	115 lb.	$27.00

Capstan Lever

Multi-compound lever feed, operated by a capstan lever. Fly wheel on the side. Can be changed instantly from hand to automatic feed by sliding the collar on the feed head. Adjustable to two speeds. Round, slotted adjustable table and Sure-Grip Chuck.

NO.	Length	Wt.	EACH
117	50 in.	175 lb.	$51.00

UPRIGHT



Electric—Capstan Lever Ball Bearing

This machine has slow and fast speeds, which can be changed instantly. All gears are machine cut, and spindle runs in standard radial bearings. Speeds or feeds can be changed instantly by means of sliding collars. The feeds are hand, multi-compound lever, and planetary gear four-speed automatic. Drill is mounted on heavy cast iron column and slotted rectangular base. Furnished with Sure-Grip Chuck

Specifications

Drills to center of 24-in. circle—¼ h.p. up to 1¼ in., ½ h.p. up to 1½-in. holes. Diameter of spindle, 1¼-in. Run of feed, 8 in. Run of table, 20 in. Height of drill, 78 in. Bored for ½ in. drills

For Alternating Current, Single Phase, 50 Cycles

NO.	Motor	Voltage	Wt. Each	EACH
124½CEA110	½ H.P.	110	740	$250.00
124½CEA220	½ H.P.	220	740	250.00

With 8x3 T and L Pulleys—no motor—otherwise same as 124CEA.

NO.	Wt. Each	EACH
124CA	620 lb.	$134.00

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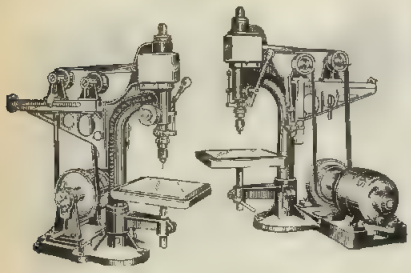
BUFFALO DRILLS

BUFFALO DRILLS



12-Inch Hi-Speed

Specifications

Over all height of drill, 34 in. Travel of spindle, 3½ in. Spindle diameter, 7/16-in. Maximum height of spindle to table, 6½ in. Speed of drive pulleys, 18,000 r.p.m. Number of speeds, 4. 10,000, 7200, 4800, 2600 Maximum speed recommended, 10,000 r.p.m. Drills to center of 12-in. circle. Drills holes up to ⅝-in. Net weight, 215 lb. Equipped with high speed, balanced-chuck capacity up to 5/16-in. which is the largest size made for high speeds.

Machine furnished complete, as shown, with belt and chuck.

NO.	lb Each	EACH
12BD	215	$175.00

This drill is also built for direct motor drive, equipped with ¼ h.p. electric motor.

NO.	lb Each	EACH
12MD	215	$250.00

Refer to page 3707 for Electric Current Information.

BENCH

Sensitive—For Power

Compact and desirable. For machine shops and garages. Drills holes up to 9-16 inch with speed and accuracy. Has substantial one-piece frame, machined and fitted gears. Upper cone pulleys supported between bearings; countershaft with tight and loose pulleys. Feed lever and spindle held in position by a friction spring which automatically keeps the spindle up and out of the work. The work table is adjustable—up, down, or sideways. The base is planed so it may be used as a work table.

Drills to center of 10-inch circle, up to 9-16 inch holes. Greatest distance between base and spindle, 16 inches; between table and spindle, 9¾ inches. Travel of spindle, 3 inches. Diameter of spindle ⅝ inch Size of table, 7x8 inches; of tight and loose pulleys, 4x1¾ inches. Diameter of column, 2½ inches; of crown gear, 2¾ inches. Bored for No. 1 Morse Taper Shank Drills.

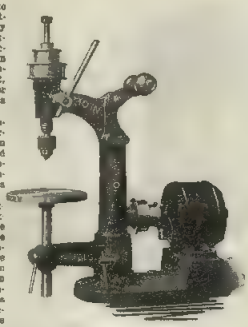
NO.	Height	Wt. Each	EACH
10SB	37 in.	120 lb.	$55.00

Junior—10-Inch

The 10-inch Junior Drill is one of the late additions to the Buffalo line. We are putting it on the market only after a period of thorough experiment in which the efficiency, reliability and design was severely tested. The finished product is an efficient, sturdy little bench drill, for accurate, small work at a moderate price

This drill is especially desirable in pattern shops, garages, machine shops, etc., on account of its small size and light weight, and also because it is much more convenient to work with than a larger drill.

The construction is of latest design and has one feature which is new in this type of drill. The belt may be shifted from one speed to another without loosening the idler, as this idler works on a pivot principle, and when shifted from one speed to another, the idler snaps into a socket which holds it securely. This eliminates the use of set screws and consequently saves a good deal of time.



Greatest distance of spindle to the table, 8 inches.
Vertical movement of the spindle, 3 inches.
Vertical movement of the table, 7 inches.
Diameter of the table, 8 inches.
Distance from center of the spindle to the frame, 5½ inches.
Drilling capacity, 0 to ⅝ inch.
Tight and loose pulleys, 4x1¾ inches
Speed of driving pulleys, 650 R. P. M.
Standard equipment includes No. 2A Jacobs Chuck. Can be furnished without chuck if desired.

Junior—10-Inch—Motor Driven

Same specifications as No. 10 Jr. except that it is furnished with motor, 110 Volt A.C.

NO.	Weight	EACH
10JM	130	$95.00

BENCH

Power—Three Speeds—10-Inch

A substantial one piece frame, assures perfect alignment of gears and shafts Upper cone pulley is supported between the bearings instead of being over-hung, increasing the power materially and reducing strain on the shaft. The feed lever is held in position by a friction spring which automatically keeps the spindle where it is placed. The work table is adjustable up or down, or can be pushed to one side. The base can be used as a table, being carefully planed and has countersunk bolts It will drill holes up to 9/16 in. with great speed and accuracy. The countershaft is supplied with tight and loose pulleys and belt shifter. The direct connected motor is ¼ h.p. of 1500 r.p.m

Drills to center of 10-in. circle.
Greatest distance from base to spindle, 21 in.
Greatest distance from table to spindle, 10½ in.
Travel of spindle, 3½ in.
Diameter of spindle in sleeve, ⅝ in.
Size of table, 7x8 in.
Diameter of column, 2½ in.
Diameter of crown gear, 2¾ in.
Smallest diameter of cone pulley, 3¼ in.
Intermediate diameter of cone pulley, 3½ in.
Largest diameter of cone pulley, 4½ in.
Face of cone pulley, 1¼ in
Gears, machine cut; cast iron
Pinion, steel.
Height over all, 37 in
Regularly furnished for No. 1 Morse Taper Drill.
Motor, 110 volt, A.C., 60 cycle.

NO.	Wt. Each	EACH
10P	150lb	$125.00

Refer to page 3707 for Electric Current Information.

BUFFALO DRILLS E

UPRIGHT

For Power—15-Inch

Designed for accurate and efficient work, is of durable construction throughout. Top spindle bearing is bronze lined. Upper drive shaft bearing babbitted and split for easy adjustment. Main spindle bearing is adjusted by 3 set screws, wear is taken up easily. A very important feature.

Frame of drill is one piece casting of first class grey iron, accurately machined, column turned, ground and polished.

Has four speeds and lever handle adjustable from 6 to 12 in. Gears machine cut and guarded, insuring smoothness and safety.

Spindle made of high grade steel, graduated sleeve, end thrust of spindle being taken on ball bearings as shown in cut.

A feature is the way the spindle is counterbalanced. Until recently was by means of a weight in the column, but in our 15-inch is held in position by means of friction spring which automatically keeps it where placed.

Round adjustable table is furnished which can be raised or lowered by means of a screw. Furnish a tilting table if desired

Equipped with belt-shifter, conveniently located for foot operation. The spindle is regularly bored to take No. 2 Morse taper

SPECIFICATIONS

Distance bet. table and spindle, 33 in
Distance bet. spindle and base, 45 in
Traverse of table on column, 20 in.
Diameter of table, 12 inches.
Diameter of spindle, 1½ inches.
Traverse of spindle, 7 inches
Tight and loose pulleys, 6x2½ in.
Size cone pulleys (4 steps) 8 in.—6¾ in.—5¼ in.—3⅝x1⅝ in face
Speed of driving pulleys, 225 R.P.M.
Capacity, ⅝ inches.
Horsepower required. ¾.

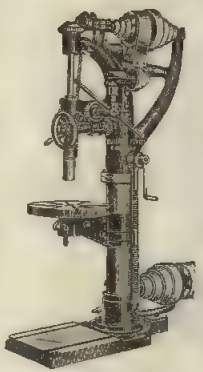
NO	Height	Wt. Each	EACH
15	71 in.	450 lb.	$120.00

Same as No. 15, but with motor bracket arranged for motor drive.

NO.	lb Ea.	EACH
15MB	485	$200.00

UPRIGHT

For Power---Back Geared



These machines are designed to do accurate and efficient work. The 20-in. drill has eight speeds and three power feeds, also hand and lever feeds. Can be instantly changed from plain to back geared and locked in either position. Adjustable automatic trip throws feed when piece has been drilled to required depth. All bearings split; adjustable for wear. Has ball bearing graduated and ground spindle. Lever handle is adjustable from 6 to 18 inches; held in place by tension spring. Worm feed wheel runs in oil; is latch hinged to take up wear. All gears machine cut, and made extra heavy. Large crown gears run in heavy bronze bushings. Screw that operates table has ball thrust and is lathe turned. Table arm drilled by machine itself. Base and table T slotted and planed

SPECIFICATIONS OF 20-INCH DRILL

Drills to center of 20-in. circle, up to 1½-inch holes. Greatest distance between base and spindle, 41½ in.; between table and spindle, 25½ in. Travel of spindle 8½ in. Diameter of table 15½ inch. Speed of drive pulleys 300 R.P.M. Size of pulleys, 8x8 in. Bored for No. 4 Morse Taper Shank Drills.

NO.	Height	Wt. Each	EACH
5-20	74 in.	1000 lb	$250.00

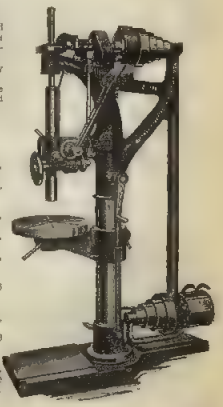
NO. 5-20 MB DRILL

Same as No. 5-20 drill, but with motor bracket arranged for motor drive.

NO.	lb Each	EACH
5-20MB	1035	$300.00

Back Geared—21-in.

Gear driven feed Eight speeds three power feeds, also hand and ratchet lever feeds. The spindle has a travel of 12½ in. Gears are machine cut, very heavy, and guarded The large crown gears, accurately machined, run in bronze bushings Table arm is drilled by the machine itself. Base and table are T-slotted and planed.



Specifications

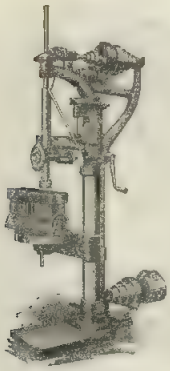
Height of drill, 74 in.
Capacity—holes up to 1½ in.
Drills to center of 21-in. circle
Greatest distance, base to spindle, 39 in.
Greatest distance, table to spindle, 22 in.
Travel of spindle, 12½ in
Spindle speeds, direct, 368 5, 211, 127, 72.6.
Spindle speeds, back geared, 72 2, 41.4, 24.9, 14.3.
Feed per 1 rev. of spindle, .011, .0072, .0047
Diameter of table, 18½ in.
Size of tight and loose pulleys, 8x3 in.
Speed of drive pulleys, 300 r.p.m.
Smallest diameter of cone pulleys, 4 in.
Largest diameter of cone pulleys, 9 in
Floor space, 16x47 in
Depth of cone pulley steps, 2½ in.
Regularly furnished for No. 4 Morse Taper, can be furnished for No. 3 Morse Taper.

NO.	Approx. Wt.	EACH
21-B	1200 lb	$250.00

Refer to page 3707 for Electric Current Information.

E BUFFALO DRILLS

UPRIGHT



Back Geared—24-in.

This machine especially designed for reboring and in addition has all requirements of a first class machine shop drill. It can be instantly changed from plain to back geared drive without using wrench, by disengaging a knurled knob in the top gear and throwing in back gears by means of hand lever. A locking screw is provided to hold this in place. An adjustable automatic trip throws out power feed when piece has been drilled to required depth.

The ball bearing spindle is accurately ground and sleeve ground and graduated. Lever handle is adjustable from 6 to 18 inches and is held in place by tension spring. All bearings are split and adjustable for wear. Worm feed gear runs in continuous bath of oil and is latch-hinged. Crown gears are made of high grade steel and run in heavy bronze bushings.

This machine is built with the same refinements as characterize all Buffalo Power Drills. Has practically all the advantages of higher priced drills and will drill to the center of 24 inch circle—with a spindle travel of 14½ inches; amply fitted to handle reboring work with ease.

Can be furnished direct connected to motor. Tapping attachment furnished at extra cost.

SPECIFICATIONS

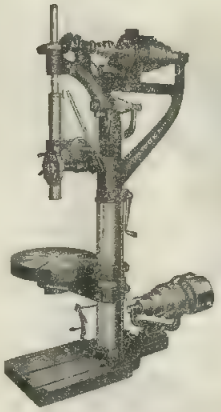
Height of drill 83 inches.
Capacity—holes up to 1⅛ inches
Drills to center of 24 inch circle.
Greatest distance base to spindle 43½ inches.
Greatest distance table to spindle 27 inches.
Travel of spindle 14½ inches.
Travel of table 28 inches
Diameter of table 16⅜ inches.
Size of tight and loose pulleys 8x3 inches.
Speed of drive pulleys 500 R.P.M.
Smallest diameter of cone pulleys 4 inches.
Largest diameter of cone pulleys 9 inches.
Floor space 47x16 inches.

Regularly furnished for No. 4 Morse Taper Drills. Can be furnished for No. 3 Morse Taper Drills.

NO.	Wt. Crated	EACH
24R	1100 lb	$325.00

Refer to page 3707 for Electric Current Information.

UPRIGHT



Back Geared—25-in.

This machine is designed in every respect to do accurate and efficient work, having eight speeds and four power feeds, also hand and lever feeds.

Can be instantly changed from plain to back-geared drive without using wrench, by disengaging knob in the top gear and throwing in back gears by means of hand lever. A locking screw is also provided to hold this in place.

Adjustable automatic trip throws out power feed instantly when piece has been drilled to required depth.

All bearings split and adjustable for wear; has ball bearing graduated and ground spindle, worm feed wheel runs in oil and is latch-hinged. All gears machine cut and made extra heavy; bronze bushings; the screw that operates table has ball thrust and is lathe turned; table arm drilled by machine itself—this insures accuracy; base and table T-slotted and planed.

SPECIFICATIONS

Height of Drill ..... 85 inches
1—⅝-inch hole to center ..... 25-inch circle
Greatest distance between base and spindle ..... 44¾ inches
Table and spindle ..... 31 inches
Travel of spindle ..... 14½ inches
Diameter of table ..... 21 inches
Size of tight and loose pulleys ..... 10x3¼ inches
Speed of drive pulley ..... 800 R.P.M.
Smallest diameter of cone pulley ..... 4 inches
Largest diameter of cone pulley ..... 10 inches
Depth of cone pulley steps ..... 3¼ inches
Feeds ..... .0005, .007, .009, .016

Regularly furnished for No. 4 Morse Taper Drills. Can be furnished for No. 3 Morse Taper Drills.

NO.	Wt. Crated	EACH
25-PD	1780 lb.	$7.00

Refer to page 3707 for Electric Current Information.

"TOYS THAT TEACH"—A Toy Department in Itself.

MODERN "TOYS THAT TEACH" BLOCKS

Patent applied for

A most important feature of these Blocks is that a young child can by forming the picture of the Clown and Boy Scout and piling the three Clown Blocks on top of the three Boy Scout Blocks automatically produce the prismatic colors in their proper order, and the numbers from one to six in consecutive order, also illustrations of a nursery rhyme complete.

MODERN "TOYS THAT TEACH" BLOCKS

THE BLOCKS THAT SELL

Modern Blocks were first offered to the trade in 1929. The tremendous sale on this line indicated immediately that the features and workmanship on these block sets met with the approval of buyers.

These Blocks contain six educational features, and it is remarkable that all of these features could be incorporated into one set of blocks; in fact a set of these Blocks is really six toys in one. Remember that all of these features are contained in every set of MODERN "TOYS THAT TEACH" BLOCKS.

In selecting the features we obtained the advice of a number of recognized kindergarten authorities, because it is very evident that Toy Blocks with real educational features are a very important factor in the education of children. Naturally these Blocks will replace the old-fashioned spelling blocks, although there still remains enough of the alphabet where this is desired.

We are proud to add MODERN BLOCKS to our family of "TOYS THAT TEACH" believing that children will have many hours of instruction and entertainment with them.

Modern Blocks are made in all sizes to retail from 10c to $2.00. Send for Catalog and Samples.

THE EMBOSSING COMPANY, ALBANY, N. Y.

New York Office and Display Room — **Room 440 200 Fifth Ave.**

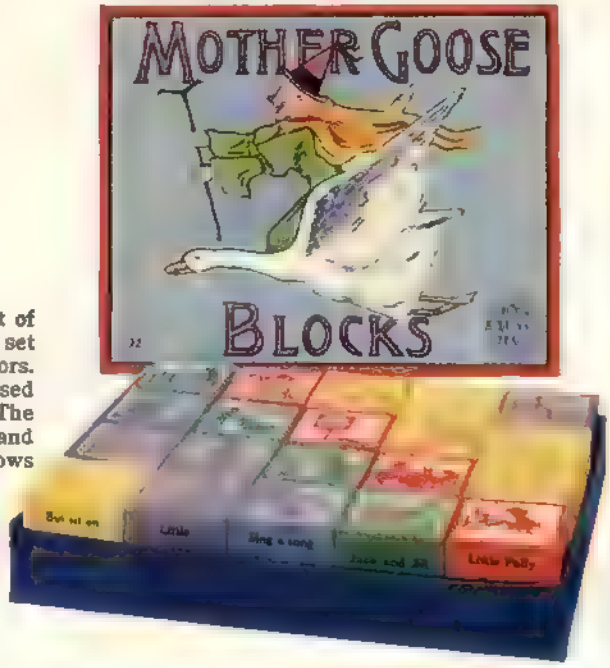
With proper display "TOYS THAT TEACH" Sell on sight.

NEW NUMBERS FOR 1930

ANAGRAMS

The Game of Anagrams has been popular always, but recently there has been a renewed interest in the game due no doubt to its educational advantages. In designing this set our aim was to offer the ideal color arrangement, black and yellow, proper size and style letters, and an embossed back so that one letter could not be distinguished from another, when face down. This is an ideal Anagram Set to retail at a popular price. See illustration at left.

Retails for $1.00.



NO. 92 BLOCKS

There will always be a good demand for a real high grade set of toy blocks with Mother Goose Illustrations and Rhymes. This set contains twenty 2-1 8" cubes, embossed and printed in six colors. Each block contains a Mother Goose Rhyme with the ends embossed with illustrations of the Rhyme. Sanitary washable finish. The sets are furnished in a cardboard box, also in a strong wood box, and in a substantial colored wagon. The illustration at the right shows the set in a cardboard box.

FIRST STEP COLORED PLAY BLOCKS

The name FIRST STEP "TOYS THAT TEACH" COLORED PLAY BLOCKS was selected for these sets because we believe this type of toy should be the first given to the child. The sets which contain blocks in the six prismatic colors will teach colors and simple designing, and the blocks are just right for piling.

Sets retail from 50c to $2.00.

"TOYS THAT TEACH"—Happy Contented Children.

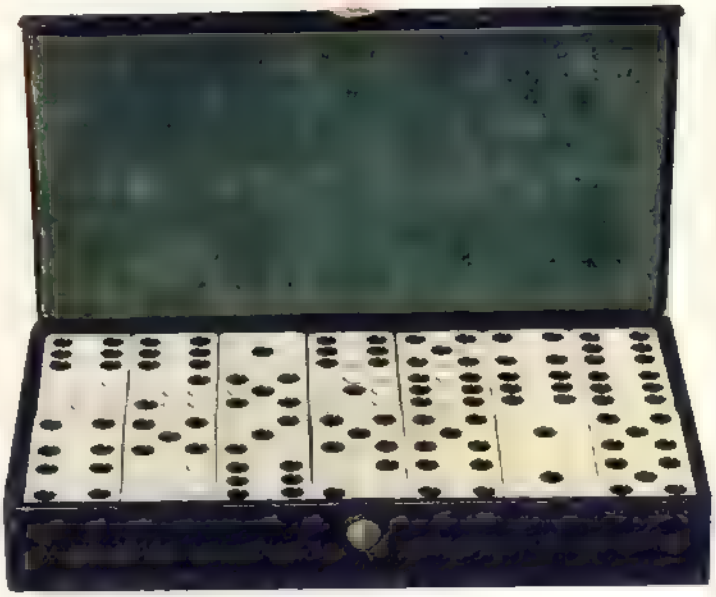
NEW NUMBERS FOR 1930

POPULAR TOY BLOCKS

This is a new line of popular priced Toy Blocks offered first in 1930. The features are along modern ideas. We call particular attention to the embossed letters on the blocks, which are plain and distinct. The illustrations too were very carefully selected for children of the toy block age. While we show an illustration of only one set in this line we have sets to retail at all prices from 10c up.

The blocks are made in three sizes—1-1/16″, 1-5/16″ and 1-11/16″ cubes. Illustration of the 1-11/16″ cube is shown above.

1930 CELLULOID DOMINOES



In offering our "1930" Dominoes, we have a practical, high grade set of Dominoes attractively packed. At the right is an illustration of the complete set, as well as the single Domino pieces showing front and back. This is a high grade set of Dominoes to retail at a fair price. The pieces are white celluloid with black dots, with an attractive design on back. Packed in special heavy snap fastener box covered with decorated cloth, with green velvet lining pad on cover.

Retails for $5.00

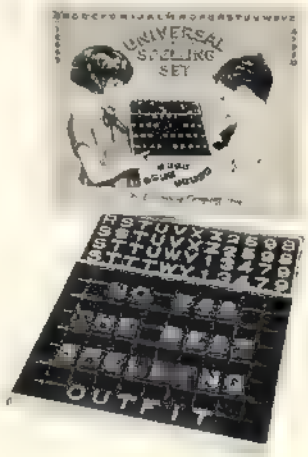
The all year 'round line—"TOYS THAT TEACH".

NEW AND POPULAR NUMBERS

On this page are illustrated an assortment of new and popular numbers. Most of them have been added to our lines within the last few years; they are all ready sellers, and items which should be in every toy department. The educational phase of "Toys That Teach" is more pronounced than ever. We seek the counsel of educators in originating and developing new ideas. Our line has been increased and made more attractive, interesting, and easy to sell. The demand for "Toys That Teach" indicates that most buyers are familiar with this line; if you are not let us send you catalog and samples.

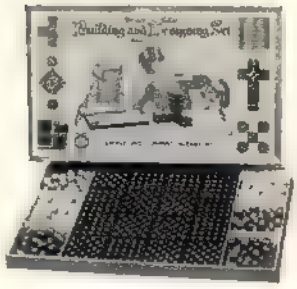
Angle Designs

Transit Toy



Spelling Set

Furniture Sets



Prism Color Sets
Building and Designing

Color Cubes

House Building Blocks

Wonderwood Flowers

Checker Set

The items on this page and the three preceding ones are but a portion of our lines.
For description of our complete lines, send for our latest catalog and price list.

THE EMBOSSING COMPANY, ALBANY, N. Y.

New York Office and Display Room — **Room 440 200 Fifth Ave.**

CHAMPION SPARK PLUGS

See Pages 508 to 510 for Specification Chart Indicating the Types of Champion Spark Plugs Suitable for the Various Engines.

No. 1—⅞ In. Standard.

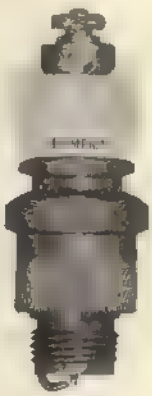
No. 2—⅞ In. Regular.

No. 3—⅞ In. Long Regular.

No. 4—⅞ In. Long Body Regular.

No. 6—⅞ In. Long Special.

No. 7. Metric.



No. 8. Metric Standard.

No. 9. Long

No. 10. Metric.

No. 31—½ In. Standard.

X Long. ½ In. Long for Model T Fords and Fordsons.

No. 3X. ⅞ In. Long for Model A Ford Cars and Model AA Ford Truck.

Truck and Bus Type Truck Special ⅞ In.

Airplane Type Aero A.

Racing Type. Standard R1 Metric Special R2, R3, R9, R11 Metric

CHAMPION SPARK PLUGS

See Specification Chart Indicating The Types Of Spark Plugs Suitable For The Various Engines.

Nos. 1, 2, 3, 4, 6, 7, 8, 9, 10, 31, 3X	Each	$0 75
No. X	Each	60
Truck Special. ⅞ in.	Each	75
Aero A. Metric Airplane	Each	1 25
Nos. R1, R2, R3, R9, R11. Metric Racing	Each	1 25

Special Types.

No. 0. ⅞ in. Heavy Service	Each	$0 75
No. 2. Special. ⅞ in. Regular.	Each	75
No. 5. ⅞ in. Hot Type	Each	75
No. 8. Special Metric	Each	75
No. 11. Metric Hot Type	Each	75
No. 13. Short Body Metric	Each	75
No. 15. Small Hex. Metric for Nash Series 400	Each	75
No. 20. ⅞ in. Standard Long Body	Each	75
No. 30. ½ in. Standard	Each	75
No. 32. ½ in. Extra Long	Each	75
No. 33. ½ in. Long	Each	75
No. 34. ½ in. Extra Long	Each	1 00
No. 35. ⅞ in. Regular	Each	75
No. 36. ⅞in. Extra Long	Each	1 00
No. 38. ¾ in. Long	Each	75
No. A1-64. Metric	Each	1 25
Priming. ½ in.	Each	1 00

All above, one in a carton, ten in a box.

CHAMPION CORES

A-105.

A-205.

Gaskets furnished with all cores.

No. A-105. Plug type X—A15	Each	$0 30
No. A-205. Plug type X Long A25	Each	30
Extra Gaskets	Each	04

Ten cores in a package, weighing about 12 ozs.

CHAMPION SPARK PLUGS

SPECIFICATION CHART

Indicating The Types Of Spark Plugs Suitable For The Various Engines.

Passenger Cars.

Ajax 8
Auburn 4
High Comp. Head 0
Buick (exc. '29) ..6
(1929) 9
Cadillac 2
Case 2
Chalmers 4
Chandler (to '23) 4
(from 23) 3
Chevrolet 4 3
6 9
Chrysler 2
Red Head ..2 Sp.
1930 Models ...10
Cleveland 3
Cord 10
Cunningham 3
Dagmar 2
Daniels 2
DeSoto 10
Diana 2
Dixie 1
Dodge 4 3
6 4
'30 Model 10
Dorris 3
Dort 4 & 6 1
Dusenberg
(to '29) 9
(1929) 10

Durant 55, 60 63, 65 4
Model 75 ...8 Sp.
Elcar (to 28) ..6
(from '28) 4
Elgin 6
Erskine (to '29)...3
(1929) 4
Essex 9
Falcon 1
Flint 2
Ford, Model T X Long
Model A 3X
Franklin to Ser 12 6
Series 12-B ... 9
Gardner 4
Graham
Paige 835 8
All others 3
Gray 6
Hudson (to '21) ..4
(from '21) 9
Hupmobile 4 2
8 (to '28) 2
Century 8 8
6 3
6 Mod. 8 10
Jewett 4
Jordan 8
Model JE 10
(All others) 4

Kissel ..... 2 Sp.
LaSalle 2
Lincoln (to '28) ..4
(from '28) 3
Turbo head 3
Locomobile
(to '28) 2
(from '28) 8
Marmon 75 & 68 ..4
78 1
Model 8 ....8 Sp.
Marquette 10
Maxwell 4
Mayfair 31
McFarlan 6
(to '21) 2
(from '21) 6
Meteor (to 28) ..3
(from '28) 8
Moon 8-30 and Windsor 8
(all others) 2
Nash Big and Special 6 6
Light 6 4
New Ser. 400 Special and Adv. 6 15
Standard 6 8
Oakland (to '24) 6
(from '24) 3

Oldsmobile
(to '27) 6
(1927) 4
6 Model F 8
Overland 4 31
6 4
Packard (to '26)..2
(from '26) 3
Paige 4
Peerless 81 8
Model 125 9
(all others) 4
Piedmont 1
Pierce Arrow 4
Plymouth (to '20) 2
(1929) 10
Pontiac 3
Reo (to '27) 31
Flying Cloud
(to '28) 1
(from '28) ...10
Wolverine
(to '28) 1
(from '28) 10
Master and Mate 10
Rickenbacker 6
Roamer 4
Rolls Royce
Model 40-50.....8
Model 40-65 9
Roosevelt 4
R. & V. Knight ...4

Sayers & Scovill
(to '28) 3
(from '28) 9
Star 4 3
6 4
Stearns-Knight ...1
Stephens 3
Sterling Knight ...1
Studebaker
Dictator
(to '29) 1
(1929) 4
Commander
(to '29) 3
(1929) 2
President 4
Big Six 3
Stutz and Black Hawk 6 & 8....8
Black Hawk Hi. Comp 8 8 Sp.
Velie 66 6
77 & 88 1
Viking 10
Whippet 6 3
4 4
Wills Ste. Claire...9
Willys-Knight 4...4
Great 6 2
Light 6 1
Windsor W. P. ...8
Winton (to '20) ..3
(from '20) 2

CHAMPION SPARK PLUGS

SPECIFICATION CHART

Indicating The Types Of Spark Plugs Suitable For The Various Engines.

Commercial Cars.

Ace 4
ACF Conch ..8 Sp.
Acme 4
Ahrens Fox Fire ..2
All American 4
American 1
Amer. LaFrance Tr. Sp.
Armleder 3
Atterbury 2
Autocar ....Tr. Sp.
Avery 1
Beggs 4
Beiderman ..Tr Sp
Bessemer 4
Bessemer 31
Betz 4
Brill Rail Car .....Tr. Sp.
Brockway Wisc. Eng .....6 Cont. Eng. 1
Century 4
Checker Cab 3
Chevrolet 4..3 Chev. 6 9
Chicago ....Tr. Sp.
Coleman 2
Commerce 1
Concord 4
Cook 4
Corbitt 4
Cyclone 6
Dart 3
Day Elder 4
Defiance 2
Denby 1
Diamond Cab ... 3 T 2
Dodge 4 .....3 6 .....4 ½, ¾, 1 Ton .. 10 2 and 3 Ton and Motor Coaches 4 or Tr. Sp.
Duplex 3
Fageol .....Tr. Sp
Fageol Safety Coach 4.. Tr. Sp
Fageol Safety Coach 6 ... 8 Sp
Fargo 2
Federal, models F7, A6, T8, FW, T3W ....Tr. Sp. FC, 3FW, U5, UL7, W4, MXA 4 3C6 11
Fifth Avenue Coach ...Tr. Sp.
Ford, Model T, X Long
Mod. AA 3X
Freeman ....Tr Sp
F.W.D. 2
Garford (1 ton) ..4
Garford 3
Gary 4
Giant 4
G.M.C. .... Tr Sp. Pont Mtr. .....3 Buick Mtr. .. 6
Golden Crown Mod. FA ... 10
Gotfredson 2
Graham 4 cyl .. 3 6 cyl .....2 Sp.
Gramm Bernstein 2
Guilder Buses 6
Hahn .....Tr. Sp
Hug 4
Independent 4
Indiana 2
Intl. Harvester Mod. S, Ser. 4 and 6 .....2 Spec Del ..... 2 H. S. Series ....2 6 Speed Spec. ..2 All others 6
Jumbo 1
Kelly-Springfield 4
Kenworth 4
Kenworth 6
Kimball 4
Kissel 4
Kleiber 2
Koehler 4
Large 6
Larabee-Deyo 2
Litttle Giant 1
Luedinghaus 4
Macear 4
Mack .. ...Tr Sp.
Master 4
Maxim 6
Menominee 4
Meteor 1
Miller 1
Mogul Cab 3
Moreland .. Tr. Sp
National 4
Nelson 1
Noble 4
Oldsmobile 6
Oneida 4
Packard 2
Packard 8
Paramount Cab ...4
Parker 4
Peter Pirsch.Tr. Sp.
Pierce Arrow Tr. Sp.
Relay .....Tr. Sp.
Reliance 4
Reo Speedwagon ..6 4 cyl. 31
Republic 4
Robinson (Fire) ..2
Ruggles 1
Sandow 4
Sanford 2
Schacht ....Tr. Sp.
Seagrave (Fire) Tr. Sp.
Selden .....Tr Sp.
Servie 1
Southern 4
Standard 4
Steinkoening 4
Sterling 4
Stewart 4
Studebaker 4
Superior 4
Traffic 1
Traylor 4
Twin City 1
Union 4
United 2
Universal 4
U S 2
Velie Del Trk. ....6 Speed Wagon ...1
Ward LaFrance.Tr. Sp.
White (¾ & 2 T) 8 6 .....1 Models 60 & 61 .....4 (All others) Tr Sp.
Wichita 1
Wilcox 4
Winther 4
Wisconsin 1
Wolverine 4
World Model D 8 .....8 (All others) ...4
Yellow Cab 3
Yellow Coach Tr Sp

Tractors.

Allis-Chalmers ...6
All Work 1
American 1
Austin 31
Austin 3
Avery (Mod. 5, 10)...3 (All others) ...31
Bailor 4
Bates Steel Mule 4
Beeman Garden 31
Best 1
Bolen 8
Case .... ..2 Spec
Caterpillar 1
Cletrac 1
Cleveland Model D .....3 Model 100 .... .6 Model 20, 30, 40 and W 1
Dart 3
Eagle 31
Elgin 1
Emerson Brantingm ...31
E W. C. 1
Fageol 2
Farmall 20
Fitch 4
Flour City 31
Fordson .. X Long (Cork) 3X
Graham 4
Gray 4
Hart Parr (to '29) 31 (1929) 2
Holt 2
Holt 8
Huber 4
Indiana 4
International Harvester ....20 Thresher .....2C 8-16 and Titan..38
John Deere .....31 Harvester Thresher 1
Keck-Gonnerman .. 31
Kinkade 31
Knox 6
La Crosse 31
Lauson 6
Little Giant .. .31
McCormick-Deering .. .20
Midwest 1
Minneapolis 31
Minneapolis 3
Monarch 6
National 3
Nelson 4
Nichols & Shepard 31
Parsons 1
Pioneer 31
Reliable 31
Rock Island 4
Ross Carrier 2
Rumely 4
Russell 4
Stewart 4
Topp-Stewart 3
Toro 4
Traylor 4
Twin City 1
Utilitor 1
Wallis Cub 1
Waterloo Boy 31
Wisconsin 31
Yuba 12, 20z ....3 (30, 40 & 70) ..31

CHAMPION SPARK PLUGS

SPECIFICATION CHART

Indicating The Types Of Spark Plugs Suitable For The Various Engines.

Farm, Stationary, Marine and Lighting Engines.

Alamo 3
Alamo 31
Anderson 31
Associated ... 31
Auto-Lite 1
Automatic 31
Barnes
Priming ⅞ in.
Bean Sprayers ...31
Bean Sprayers .. 6
Beaver 6
Bessemer ..4
Brennan 8
Bridgeport 31
Briggs and
Stratton ..8 Sp
Buda 1
Buffalo 4
Buffalo 31
Cady 31
Capitol A1-64
Challenge 31
C. H. & E. 6
Chrysler 0
Climax 4
Continental Models
16R (begin 182)
18R (begin 286)
20R (begin 652)
10 or 8 Sp
Cook 31
Cushman 1
Cushman 31
Cushman 12
Delco-Light 6
(4 cyl.) .9
Doman 4
Duro 31
Erd 1
Fairbanks 4
Fairbanks-
Morse ⅞ in. . 0
½ in. 31
Fairmont ½ in...30
⅞ in. 4
Fate 4
Fay & Bowen .. 4
Fisherman 6
Foos 31
Friend 31
Frisbie 31
Fuller & Johnson..1
Fuller & Johnson..31
Gray 6
Gray 31
G. R. S. 8
Grinnell
(Washer) 1
Hall-Scott 75
A1-64
50 .....Tr. Sp.
H. C. Dodge .. 6
Hercules Canton..4
Evansville .. 31
Hess 31
Hettinger 31
Holland 31
Holt 2
Homelite .....8 Sp
International
Harvester
Power Unit ...20
Sta. Eng. 20
Ideal 51
Iowa 31
Thorobuy 31
Kermath 2
Kermath 31
150 H. P. ... 13
Kewanee 31
Kohler .....2 Sp.
Kohler .....8 Sp
Lansing 1
Lathrop 6
Le Roi 1
Lockwood Ash ..31
Matthews 4
Maytag .. 34
Mianus 31
Miller 31
Miller 1
Mulge 31
Nelson 31
Niagara 1
Northwestern .. 51
Novo 1
Novo 31
Page 31
Palmer 1
Palmer 31
Peerless 31
Peerless 6
Peninsular 1
Perfection 4
Perfection 31
Phelps 31
Regal 1
Regal 3
Roberts 31
Sanderson .. 31
Sandwich .. 31
Scramm ..A 15
Scripps .....8 Sp.
Scripps 2
Servel 31
Sorg 4
Speedway 31
Speedway 1
Standard 1
Star Drilling 4
Stearns 3
Sterling 2
Sterling 0
Stover 6
Stover 31
Sunbeam 31
Superior 31
Thoroughbred 1
Turmo 6
Twin City 1
United 3
Universal
(to '21) 31
(from '21) 1
Van Blerck 4
(1929) .. 7 Met.
Waterloo Boy 31
Waukesha 4
Weber 31
Westinghouse 1
Willys Light 1
Wilton ...Tr. Sp.
Wisconsin 4
Witte 31
Wolverine 31
Wright
Whirlwind ..R-9
W. S. M. 4

Motorcycles.

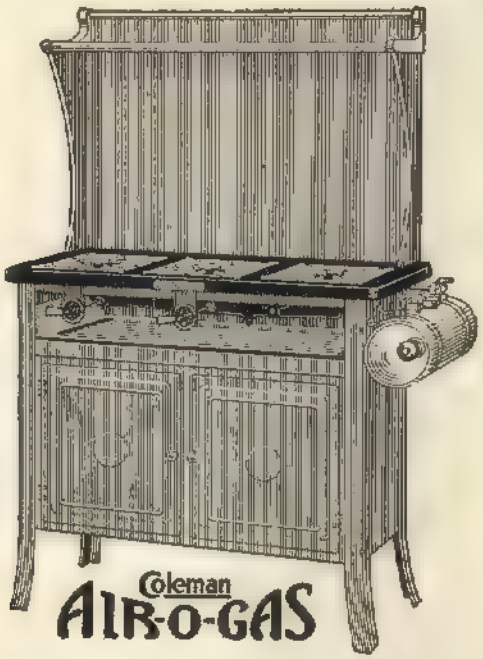
Cleveland .....8 Sp.
Excelsior
7 Met. or 13
Harley-
Davidson 0
7 Met. or 13
Henderson
7 Met. or 13
Indian .....8 Sp.
Johnson Motor
Wheel ... .8 Sp.
Neracar ....8 Sp.

Outboard Motors

	For Ordinary Conditions	For Speed	For Racing
Caille 12, 22, 30.....	1	1	0
Caille 34, 36, 44, 46.....	7 Met. or 13	7 Met. or 13	R1
Caille 14, 24, 32, 42.....	8	7 Met. or 13	7 Met. or 13.
Caille Stout Twin.....	1	1	0
Caille Liberty Single.....	0	0	0
Elto	8 Sp.	7 Met. or 13	R-1 or R-11
Evinrude to 1929	1	0	
Evinrude 1929	8 Sp.	7 Met. or 13	R-1 or R-11
Hartford	7 Met.	7 Met. or 13	R-1
Johnson	7 Met.	7 Met. or 13	R-1 or R-11
Johnson Single & Lt. Twin..	9	7 Met. or 13	
Lockwood	7 Met.	7 Met. or 13	R-1

GASOLINE COOK STOVES

COLEMAN AIR-O-GAS



With High Back—Three burner cabinet with high back and mantel shelf. Full height 56 inches, depth 19½ inches, width 39½ inches, cooking top 31½ inches high. Packed one in crate complete except high back which is shipped separately in heavy corrugated carton. Combined shipping weight 120 pounds. Regular Air-O-Gas Finish and Equipment.

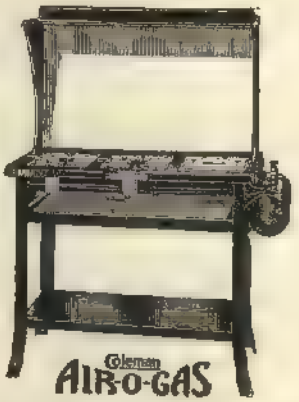
Model No. 325. With High Back .....Each **$39 00**

Model No. 325. Without High Back. Ship. wt. 103 pounds .....Each **$33 60**

With High Back—A three burner kitchen stove with high back and mantel shelf. Has regular Air-O-Gas burner and tank equipment. Handsomely finished in baked French Gray enamel with baked black Japan cooking top. Height 53½ inches; width 39½ inches; depth 17½ inches; cooking height 31½ inches. Shipping weight 110 lbs.

Model No. 324. With High Back .....Each **$37 50**

Model No. 324, Without High Back. Shipping weight 93 lbs. .....Each **$32 10**

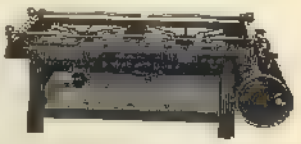


With High Back—A new model three-burner Air-O-Gas Stove with glossy black Japan finish. Has high back with mantel shelf and splash back finished in light gray Japan. Has regular Air-O-Gas burner and hot blast preheater; black Duco finished fuel tank equipped with built-in air pump, combined air and fuel gauges, hand operated filler plug. Height 53½ inches; width 39½ inches; depth 17½ inches; cooking height 31½ inches. Shipping weight 90 lbs.

Model No. 330. With High Back .....Each **$34 50**

Model No. 330, Without High Back. Shipping wt. 78 lbs. .....Each **$29 10**

Model No. 327—Is a compact portable, three-burner, hot-plate type of stove with removable porcelain drip pan. It is fine for use in the laundry, summer kitchen, hunting cabins, summer cottages, show concessions, roadside lunch stands, or anywhere, any time a quick, clean cooking heat is needed. A great stove for cook houses and short order stands. Has regular Air-O-Gas burner and tank equipment and is finished in black baked Japan. Measures 39½ inches in length, depth 17½ inches, height 9½ inches. Shipping weight 66 pounds. ..... Each **$30 60**

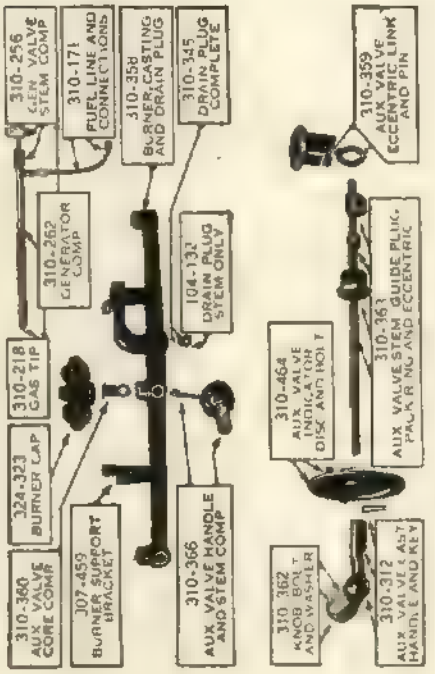


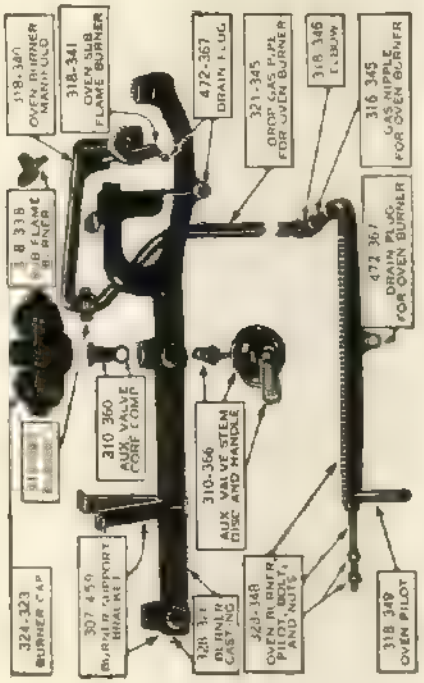
Model No. 326—A two-burner hot-plate stove of convenient size. Just the thing for hunting, cabins, laundry rooms, lunch counters, concession stands, or any place where a handy portable stove is needed for quick and efficient cooking service. Finished in black baked Japan. Has regular Air-O-Gas burner and tank equipment. Measures 28½ inches long, 17 inches deep, 9½ inches high. Shipping weight 55 lbs. ..... Each **$25 80**

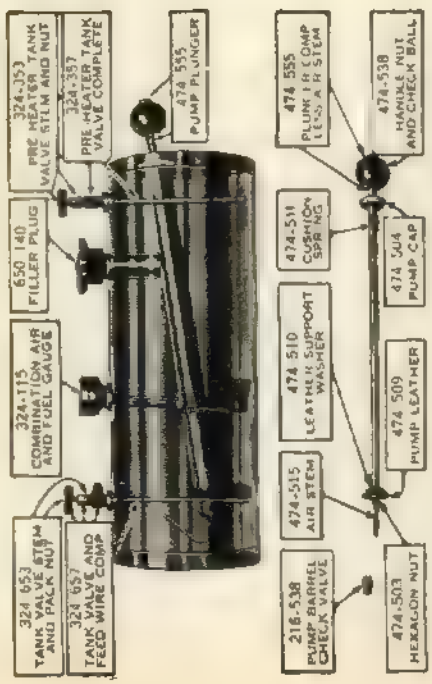
Model No. 323—Same size and dimensions as Model No. 326, but has adjustable lock galley rails that may be set to fit any size of cooking utensil. This stove is designed especially for use in motor boats, yachts, moving buffets, etc. Readily adapted to any quick-heating, fast-cooking use. Is of sturdy construction—built for rough-and-ready service. Finished in rust-resisting zinc plate. Same regular burner and tank equipment as all Air-O-Gas Stoves, 28½ inches long, 17 inches deep, 9½ inches high. Shipping weight 60 pounds. ..... Each **$28 20**

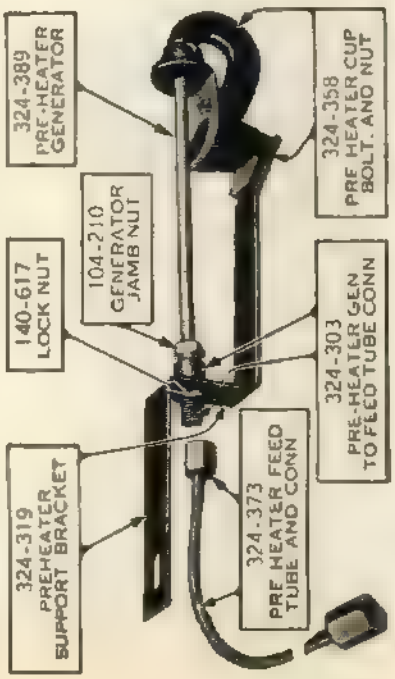
PARTS FOR GASOLINE COOK STOVES

COLEMAN AIR-O-GAS









PARTS FOR GASOLINE COOK STOVES

COLEMAN AIR-O-GAS

New No. 310-444. Old No. A0003—High Shelf Brackets (Right and Left) .....Each $0 90
New No. 310-423. Old No. A0007—High Legs..Each 60
New No. 310-171. Old No. A0019—Fuel Line and Connections .....Each 30
New No. 307-323. Old No. A0023—Burner Cap..Each 1 20
New No. 316-657. Old No. A0029—Tank Valve Complete .... Each 1 05
New No 650-136. Old No A0036 Filler Plug Gasket .....2 for 09
New No. 310-140. Old No. A0040. Filler Plug Complete .....Each 75
New No. 305-441. Old No. A0044—Cooking Top Grates .....Each 60
New No. 310-189. Old No. A0102—Tank, complete with Filler plug, Air Gauge, Fuel Gauge and Valve ....Each 7 50
New No. 451-522. Old No. A0103—Pump Only ..Each 1 35
New No. 310-357. Old No. A0115—Pre-Heater Valve ....Each 90
New No. 310-389. Old No. A0119—PreHeater Generator ....Each 36
New No. 310-383. Old No. A0120—Pre-Heater Less Feed Wire ....Each 1 80
New No. 310-371. Old No. A0121—Pre Heater Feed Wire and Connections .....Each 36
New No. 310-360. Old No. A0111 Auxiliary Valve Core Complete .....Each 30
New No. 310-312. Old No. A0106 Cast Handle Extension .....Each 21
New No. 310-363. Old No. A0107 Auxiliary Stem ....Each 18
New No. 310-413. Old No. A0109—Indicator Disc.Each 21
New No. 310-362. Old No. A0108—Bolt and Washer and Porcelain Handle .....Each 12
New No. 307-459. Old Nos. A2027, A6027—Burner Support Bracket .....Each 12

PARTS FOR 4-HOLE STOVE

New No. 308-218. Old No A6018—Gas Tip for Main Generator ....Each $0 12
New No. 329-262. Old No. A6062 Main Generator complete, 4-hole stove .....Each 2 40
New No. 312-322. Old No. A6071 Burner Casting (Left Half) ....Each 2 25
No. 312-358. Old No. A6072—Burner Casting (Right Half) ....Each 2 70
No. HB6—High Back complete, for 4-hole model (for Nos. 620, 621, 622, 623) ..... Each 7 95
New No. 308-238. Old No. A6009—Needle and Holder for Generator (308-238) .....2 for 09

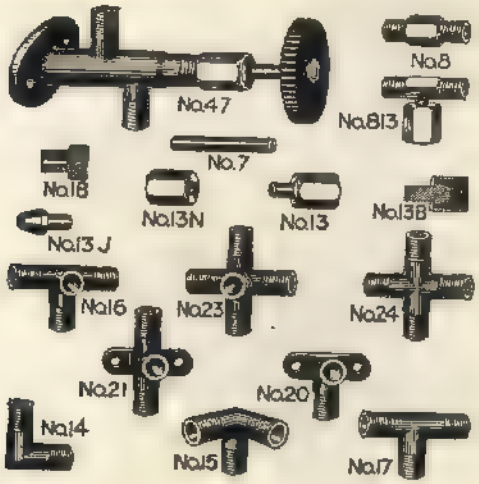
PARTS FOR 3-HOLE STOVE

New No. 307-218. Old No A2018—Gas Tip for Main Generator ....Each $0 12
New No. 324-262. Old No. A2062 Main Generator complete for 3-hole stove ..... Each 2 40
New No. 310-358. Old No. 2026—Burner Casting Each 3 00
No. HB 2—High Back, complete for 3-hole Model (for Nos. 211, 212, 213, 214) .....Each 6 60
New No. 307-238. Old No A2009 Needle and Holder for generator (307-238) .....2 for 09

PARTS FOR 2-HOLE STOVE

In ordering, use same numbers of parts as for 3-hole stoves, but always specify that parts wanted are for 2-hole model.

HOLLOW WIRE AND CONNECTIONS



For Coleman System Lights, Urn Burners and Stoves.

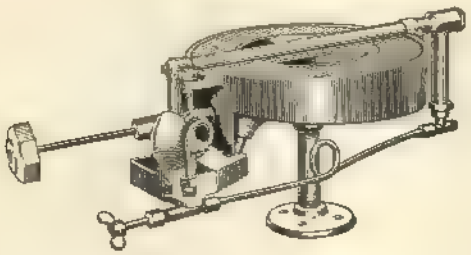
Connecting to outside large capacity tanks and for other convenient connections.

No. 1—Open ....Each $0 06
No. 1B—Blind ....Each 06
No. 7—Splicing Sleeve ....Each 03
No. 8—Coupling (for two No. 13) .....Each 12
No. 13J—(jam) ....Each 03
No. 13N (nut) ....Each 03
No. 13—Complete (jam and nut) .....Each 06
No. 13B—Complete (jam and nut) Blind .....Each 06
No. 14—Ell Connection .....Each 12
No. 15—(3-way Corner Connection) .....Each 18
No. 16—(3-way Tee with Drop) .....Each 24
No. 17—(3-way Tee) .....Each 18
No. 20—Ell with Nail Plate .....Each 18
No. 21—(5 way) Cross .....Each 30
No. 24—(4 way) Cross .....Each 24
No. 47—Wall Valve ....Each 75
No. 813—Three-Way with No. 13 .....Each 30
No. 2—Hollow Wire Only, ...Per foot 09
No. 2—Hollow Wire with number 13 connections brazed, ...Per foot 12
Silver Solder .....Per ounce 1 80

GASOLINE BURNERS

COLEMAN

Made to meet the demand for a complete and dependable cooking unit where natural gas cannot be obtained or where the gas supply cannot be depended upon; can be attached to any hollow wire system or used independently with a 10-gallon fuel tank.

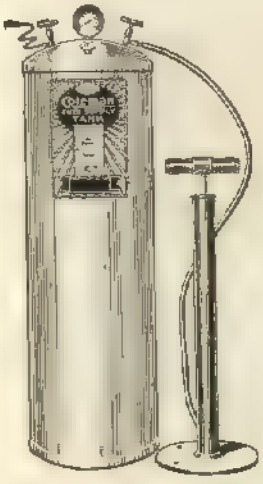


Model No. 505. The most popular burner in the line. It is a five-inch burner, match lighting, and suitable for light or heavy duty. The long-lived brass generator can be easily cleaned or replaced. Burner is furnished with either pedestals or stove supports. Wt. each, 5 lbs.....Each **$8 25**

Model No. 707. Built for large capacity urns, boilers, or vats. Has 7-inch burner casting. Is match lighting. Wt. each, 9 lbs. .....Each **$12 00**

FUEL TANKS

COLEMAN



Supplies fuel under pressure to water heaters, urn burners, stoves, etc. This is a ten gallon tank with six gallons of fuel capacity and four gallons of air space, equipped with air gauge, brass valves, hand operated filler plug and pressure pump. Made of heavy gauge galvanized steel, all seams electrically welded, to withstand several times normal operating pressure, carefully tested, and guaranteed.

No. 652A. With pump, wire assembly consisting of 16 feet of wire with fittings attached, wall valve and special filler plug for connecting with tank on stove or radiant heater. Ship. wt. ea. 28 lbs. .....Each **$15 90**

No. 652B. With pump only. Ship. wt. ea. 25 lbs.Each **$13 50**

No. 65W. Wire assembly, wall valve and special filler plug. Ship. wt. ea. 3 lbs. .....Each **$2 40**

OVENS

These ovens are superior to the ordinary oven in several ways. The body is made in one piece, free from seams, preventing rust and making the oven very easy to clean as well as more attractive. The tight-fitting spring door retains all the heat. The asbestos insulation is **clamped** to the tin linings, **not pasted** to the outside walls. Pasted linings soon loosen and sag from heat and moisture, thus preventing circulation. These ovens are scientifically designed for perfect heat circulation and ventilation. The V shaped flame spreader directs the heat to the sides, preventing heat from striking door and breaking the glass.

No. 22. Baking capacity 18 in. wide, 12 in. high, 12½ in. deep. Wt. 22 lbs. .....Each **$5 25**

No. 155. Baking capacity 10¾ in. wide, 8 in. high, 10¼ in. deep. Wt. each, 8 lbs. .....Each **$2 50**

GASOLINE LAMPS
COLEMAN NEW INSTANT-LITE

OPERATION—Lights instantly, no pre-heating required. Makes and burns its own gas from ordinary gasoline.

Produces 200 to 300 candle power of light, according to pressure used.

BURNER—New instant gas design and construction. Equipped with new triple life generator, new automatic gas tip cleaner, new automatic safety air release, new style shade holder and two No. 41 Coleman Junior mantles.

FOUNT—Brass with crown ribbed embossing; Grecian Vase design handle. Height over all 19½ inches. Diameter base 8 inches. Capacity tank 3 pints, sufficient for 15 to 18 hours service.

Brown Gold Colac Finish Fount And Handle.

10 inch cream colored opal glass shade.

Each

No. 118—Complete with shade, built in air pump, two mantles and wrench $22 50

One in carton; wt each 10 lbs.

Green Gold Colac Finish Fount And Handle.

12 inch cream colored opal glass shade decorated in harmonizing colors.

Each

No. 119—Complete with shade, built in air pump, two mantles and wrench $25 50

One in carton; wt each 10½ lbs.

Stippled Green Colac Finish Fount And Handle.

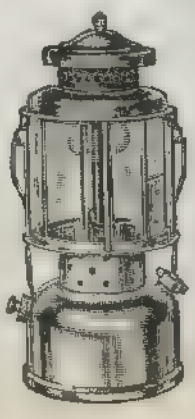
10 inch cream colored opal glass shade.

Each

No. 117—Complete with shade, separate air pump, two mantles and wrench $21 00

One in carton; wt each 10 lbs.

GASOLINE LANTERNS
COLEMAN NEW INSTANT-LITE



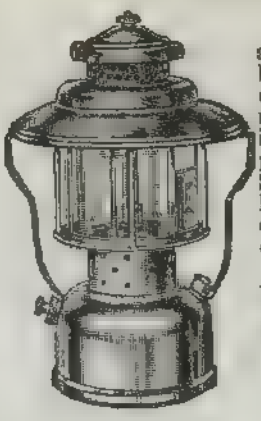
Seamless brass fount, nickel plated and highly polished. Equipped with built in air pump, six piece mica chimney and 5 inch green porcelain top. Complete with two mantles and wrench. Capacity 2 pints, sufficient for 12 to 15 hours service.

Each

No. 220—Height over all 14 ins; diam base 6 ins $19 50

One in carton; wt each 6 lbs.

GASOLINE LANTERNS
COLEMAN NEW INSTANT-LITE



Seamless brass fount, nickel plated and highly polished. Equipped with built in air pump, six piece mica chimney and 8¾ inch green porcelain reflector top, white enameled so that it reflects the light downward. Complete with two mantles and wrench. Specially designed for use in hen houses, for night fishing, work-shops, etc., where concentrated light is desired.

Capacity 2 pints, sufficient for 12 to 15 hours service.

Each

No. 228—Height over all 14 ins; diam base 6 ins $20 25

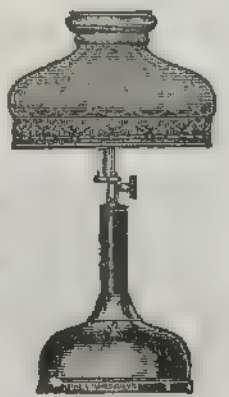
One in carton; wt each 6½ lbs.

GASOLINE LAMPS
COLEMAN, "QUICK-LITE"

The latest types of hydro-carbon gasoline lamps. They produce a very powerful, bright light (approx. 300 C. P.) at a minimum cost. The construction is such that they cannot explode will not smoke nor smell. Ideal for homes, yet can be used for stores and halls by suspending from ceiling by an extra wire and ring which are furnished with each lamp.

They have three features that make them different from all other gasoline lamps. The first and most important is that it lights with common matches instead of being generated with an alcohol torch. The second is the simplicity of maintenance. Third is that the burner is supported by the air intake tube which takes the air below the mantles where it cannot be affected by heat.

Seamless brass fount. All lamps regularly furnished complete with mantles, pump, wrench, hanger, cleaning pick and extra generator.



Nickel Plated, Polished Fount.

Ornamental opal paneled glass shade.

Each

No. C329—Capacity 3 pts, burns 15 to 18 hours; height over all 20 ins; diam shade 10 ins $18 00

One in carton; ship wt each 10½ lbs.

COLEMAN, "QUICK-LITE"

Nickel Plated, Polished Fount.

Opal panel glass shade fitted with asbestos coated wire bug screen, which protects the mantel from flying insects.

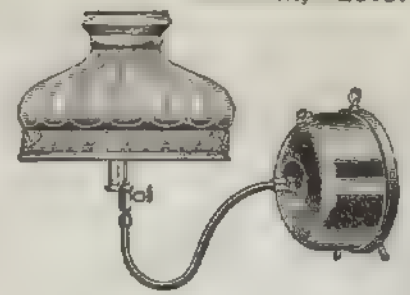
Each

No. C333—Capacity 3 pts, burns 15 to 18 hours; height over all 20 ins; diam shade 10 ins $20 25

One in carton; wt each 11 lbs.

GASOLINE LAMPS

COLEMAN, "QUICK-LITE"



Bracket, Wall Or Table Lamp.

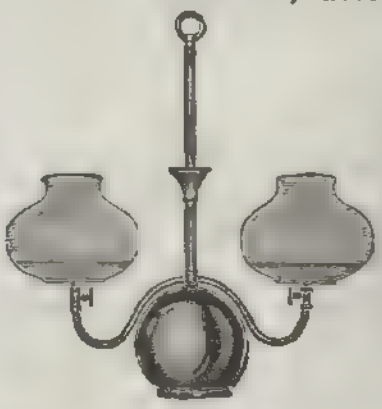
Especially designed for use over desks, in bath rooms, kitchens or rooms with low ceilings. Can also be used for table lamp. Seamless brass fount, nickel plated and polished; quick removable filler cap and panel opal glass shade.

Each

No. B329—Capacity 2½ pts, burns 12 to 15 hours; diam shade 10 ins; height over all 22 ins; diam fount 8 ins $21 75

One in carton; ship wt each 15 lbs.

COLEMAN, "QUICK-LITE"



CHANDELIER

Especially designed for use in large rooms, schools, halls, churches, and stores. Seamless brass fount, nickel plated and polished. Double burners, mounted on chandelier arms and may be used one or both at a time as desired. Three quarter frosted bug-proof globes. Complete with globes, 4 mantles, pump wrench, cleaning pick, and two extra generators.

Each

No. P321—Capacity 6 pts, supplies both burners 16 to 18 hours; diam of shades 10 ins; height over all 27 ins; diam of fount 8½ ins $39 75

One in carton; ship wt each 20 lbs.

GASOLINE LANTERNS

COLEMAN, "QUICK-LITE"

With Built In Pump and Quick-Lite Burner.

Seamless brass fount, highly polished and nickel plated; will not rust. Mica chimney and reflector.

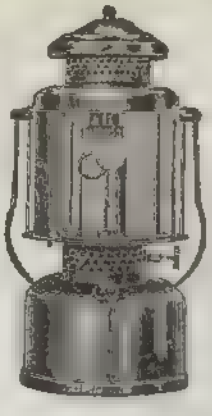
Furnished with mantles, pump, wrench, cleaning pick and extra generator. Capacity 3 pints, sufficient to burn 15 hours; diameter chimney 5 inches; diameter fount 6 inches.

Each

No. L427—Height over all 14 ins $18 00

One in carton; shipping wt each 6 lbs.

GASOLINE LANTERNS



COLEMAN, "QUICK-LITE"

"Also Dept. 9, Page 2279."

With "Quick-Lite" Burner.

Seamless brass fount, highly polished and nickel plated; will not rust. Mica chimney and reflector.

Furnished complete with mantles, pump, wrench, cleaning pick and extra generator.

Capacity 3 pts, sufficient to burn 15 hours; diam chimney 5 ins; diam fount 6 ins.

Each

No. L327—Height over all 14 ins $15 00

One in carton; shipping wt each 6 lbs.

LAMP SHADES

For Coleman Quick-Lite Lamps.

Three-quarter frosted globe, for all Quick-Lite table lamps. Diameter top 4 inches; diameter bottom 4 inches; diameter center 9 inches; height 7½ inches.

No. 321
Less than case, Per Doz $49 50
Case of 1 doz, Per Doz 45 00

One doz in case; wt per doz 12 lbs.

GENUINE COLEMAN

For Quick-Lite Lamps.

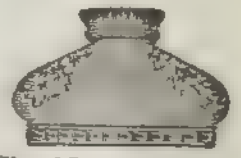
Opal panel style; designed especially for Quick-Lite lamps requiring standard 10 inch dome. Diameter bottom 10 inches, top 4 inches, height 7 inches.

No. HGC329
Less than 6, Each $3 75
Full case of 6, Each 3 00

Half doz in carton; wt per doz 8¼ lbs.

GENUINE COLEMAN

For Quick-Lite Lamp.



Four panel white opal glass. Diameter 11½ inches; height 7 inches.

Green Tinted With Hand Painted Floral Decorations.

No. HGC324
Less than 6, Each $6 00
Full case of 6, Each 5 10

Tan Tinted With Hand Painted Pink Floral And Green Foliage.

No. HGC318
Less than 6, Each $6 00
Full case of 6, Each 5 10

Half doz in case; wt per doz 8¼ lbs.

For Coleman Quick-Lite Lamps.

Ribbed, for Quick-Lite and all table lamps requiring standard 10 in. dome. Diam bottom 10 ins; top 4 ins; height 6 ins.

Opal Glass.

No. 740S
Less than a carton, Each ..... $ 2 25
Full cartons, Per Doz 21 87

Green Enameled Outside, White Inside.

For Coleman Quick-Lite lamps and Rayo pattern table lamps.

No. 1740G
Less than a carton, Each ..... $ 3 00
Full cartons, Per Doz 32 40

Half doz in carton.

LAMP SHADES

For Coleman Quick-Lite Lamps.

Opal panel, for Quick-Lite and all table lamps requiring a 10 inch dome.
Diameter bottom 10 inches; diameter top 4 inches; height 7 inches.

No.	H329S
Less than 6, Each	$ 2 10
In packages of 6, Per Doz	21 00

Half doz in carton.

MANTLES

For all Quick-Lite Lamps and Lanterns.

	Less than gro, Per Doz	Gro lots, Per Gro
No. 41—Genuine Coleman; highest grade soft rag with top draw string	$2 25	22 50

One gro in display box; one doz in envelope.

BUG SCREENS

For Coleman Lamps.

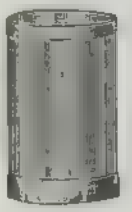
White asbestos coated wire insect screen. For Nos. C. Q. 329, C. Q 317, C.Q.318 and C.Q. 324 Quick Lite Lamps.

	Per Doz
No. 333—Diam 9 ins	$30 00

Packed loose.

GLOBES

For Quick-Lite Gasoline Lanterns.



	Each	Per Doz
No. HG327—Mica; metal top and bottom, bands and uprights; diam 5 ins	$1 80	18 00

One in carton; wt 1 lb.

SUPPLY CASES

For Coleman, Quick-Lite Gasoline Lamps and Lanterns.

Metal counter display case gives dealer the proper assortment of all parts and supplies purchased by Quick Lite users. Assortment consists of the following parts:

1—No. Q57 Valves.
2—No. Q Pumps.
1—No. Q26 Mixing Chamber.
1—No. Q56B Valve Stem and Nut.
6—No. Q36 Gaskets.
12—No. Q18 Gas Tips.
4—No. Q41 Shade Holder Screws
4—No. QW Wrenches.
1—No. Q17 Casting.
12—No. Q77 Generators.
3—No. Q64B Filler Plugs.
6—No. Q23 Burner Caps and Screens.
2—No. Q24 Burner Tubes.
1—No. LQ57 Lantern Valve.
1—No. LQ55 Valve Stem and Nut.
1—No. Q69 Hanger Rods.
6—No. Q Pump Leathers.
1—No. LQ41 Ball Nuts.
12—No. 007 Tip Cleaning Picks.
25—No. Q99 Generators.
6—No. Q10 Generator Jam Nuts.
4—No. L409 Pump Leathers.
6—No. L436 Gaskets (Rubber)
1—No. Coleman Liquid Siphon.

	Per Case
No. 1—Ass't complete as above described	$48 00

One ass't in carton; wt per ass't 8 lbs.

SUCTION PUMPS

COLEMAN

Composed of nickel plated brass barrel with 8 inch length of brass tubing fitted on lower end. Designed for use in cleaning out lamp or lantern founts and stove tanks before refilling so as to remove any dirt that may have collected in bottom. Eliminates the clogging of generator and difficulty that might be caused by dirty gasoline.

	Each
No. H135—Length over all 21 ins	$2 85

Packed loose; wt each 1½ lbs.

FILTER FUNNELS

COLEMAN

Heavy copper plated, non-corrosive steel body with fine mesh brass wire strainer and removable ring covered with filtering fabric which when saturated with gasoline, water or dirt will not pass through. Designed for use when filling gasoline lamps, lanterns, irons and stoves. Prevents all foreign matter entering tank and prevents clogged generators and gas tips.

Nos.	H0	H1
Diam, ins	2½	5
Height, ins	3¼	6
Capacity per minute, gals	½	4
Diam outlet, ins	⅜	¾
Wt each, ozs	2	10
Each	$1 26	2 52

No. H0, half doz in carton. No. H1 packed loose.

GENERATORS

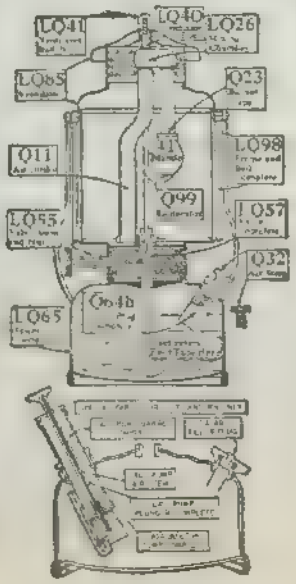
STRAIGHT TYPE

For Coleman New Instant-Lite and Quick-Lite Lamps and Lanterns.

	Each
No. Q77—Wt each 1 oz	$0 41

Packed loose.

REPAIRS FOR QUICK-LITE GASOLINE LANTERNS



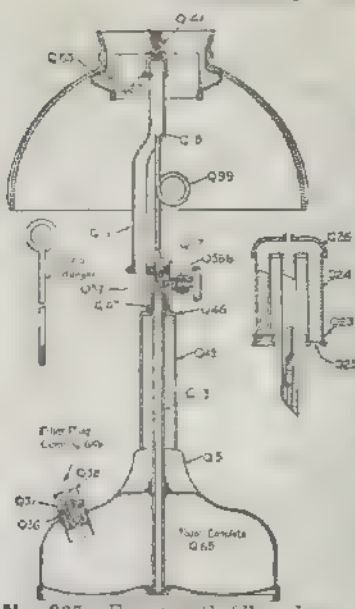
COLEMAN QUICK-LITE

	Each
No. LQ40—Ventilator rods	$0 12
No. LQ41 Ventilator ball nuts	12
No. LQ55- Valve stem and nuts	60
No. LQ57 Valves complete	1 50
No. LQ70—Burner complete with valve and generator	5 40
No. LQ85—Ventilators	3 00
No. L409—Pump Leathers	15
No. L436—Filler plug gaskets	09
No. L4648—Filler plug complete	1 20

Packed loose.

REPAIRS FOR QUICK-LITE GASOLINE LAMPS

COLEMAN, "QUICK-LITE"



	Each
No. Q11—Burner support tube	+$0 72
No. Q18—Gas tip	+ 12
No. Q24—Burner tubes	30
No. Q23—Burner cap complete	30
No. Q25—Burner cap screen	+ ■
No. Q26 Mixing chamber	+ ■
No. Q32—Air stem	+ 36
No. Q36—Filler plug gasket	+ 06
No. C45 Handle	+ 60
No. C46—Handle cap	+ 12
No. Q99—Generator	75
No. Q007—Pick	12
No. QW—Wrench	30
No. Q64B—Filler plug complete	1 20
No. C65 Fount with filler plug	+10 80
No. C69 Handle	+ 18
No. Q70—Burner generator and valve assembled	6 00
No. Q—Pump	1 50
No. Q57—Valve complete	1 50
No. C5—Finishing shell	+ 72
No. Q17—Burner support casting	+ 36
No. C47—Handle lock nut	+ 12
No. Q56B—Valve stem lock nut	+ 60
No. Q63—Shade holder	+ 60

REPAIRS FOR COLEMAN'S AIR-O-LITE LAMPS

(OLD STYLES)	Each
No. NA18—Gas tips, for model A lamps	$0 48
No. NA57—Valves	1 50
No. NA58-12—Generator tube and filter	2 10
No. NA59—Tip screens for generator	15
No. NA58—Asbestos filter (or wick)	18
No. CQ101—Lighting fork	30
	Per Doz
No. CQ107—Pump leathers	+$1 08

Packed loose.

KEROSENE LAMPS

CENTRAL DRAFT PARLOR ORIENT

Brass body, nickel plated; brass center draft burner, with flame spreader and rack wick carrier; chimney holder lifts for lighting and is held in place by bayonet lock; it also lifts off for cleaning.

Height to top of burner 11⅝ inches; oil capacity 2½ pints; burns 8 hours.

Complete with No. 22 Rayo Chimney, 10 inch opal dome shade and nickel plated tripod, No. 2 center draft burner and No. 2 round wick.

No.	C030
Less than cases, Per Doz	$91 50
Full cases, Per Doz	87 00

Half doz complete in barrel; wt per case 65 lbs.

+F. O. B. Kansas Factory Only.

KEROSENE LAMPS

ROSETTE

Stand and chimney moulded from one piece of highly colored and ornamented glass. No. 2 shrunk on collars; complete with chimney and No. 2 burner.

Assortment consists of 12 lamps, three each of assorted colors. Per Ass't

No. R12—Height over all 19 ins $28 50

One ass't in barrel; wt per ass't 75 lbs.

STAND AND SEWING ASSORTMENTS

Moulded in one piece of clear, white crystal glass with glass collar, into which is moulded a threaded brass ferrule which is impossible to remove without breaking the lamp. This is a new feature and greatly superior to the old style pinched or shrunk on collarswhich come loose in a very short time.

Assortment consists of 6 each of the following lamps described. Prices do not include burner and chimney.

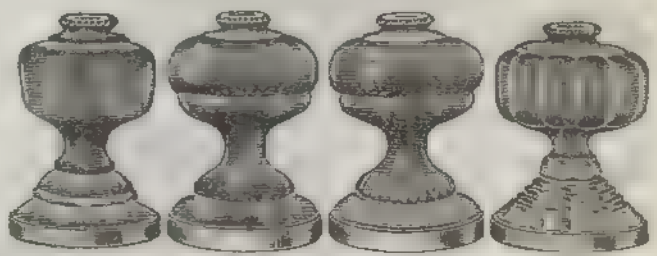
	Stand			Sewing
Size Collar, No.	2	2	2	2
Height, ins	9⅛	9⅝	10¼	8¾
Capacity oil, oz	15	18	20	21

Per Ass't

No. 65—Wt per ass't 115 lbs $27 60

(Sold in full assortments of 24 lamps only.)

SEWING LAMP ASSORTMENTS



Prices do not include burner and chimney. Per Ass't

No. 68—Assortment contains 6 each of above patterns; size collar No. 2; ht 8¾ ins; cap oil, 25 ozs $25 20

(Sold in full assortments of 24 lamps only.)

Nos. 65 and 68 one ass't in barrel; wt per ass't 115 lbs.

Per Ass't

No. 68-1—Assortment contains 3 each of above patterns; size collar No. 2; ht 8¾ ins; cap oil, 25 ozs $13 20

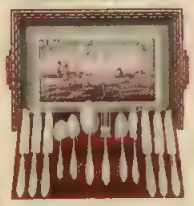
(Sold in full assortments of 12 lamps only.)

One ass't in carton; wt per ass't 42 lbs.

COMMUNITY PLATE

Patrician Moderne Design

Tray, FREE With Silverware



CREST WOOD TRAY

With DeLuxe Stainless Dinner Knives

	Retail	List
79 Pieces (set for 6)		
Hollow Handles	$36.50	$46.36
Modeled Handles	31.59	39.84
54 Pieces (set for 8)		
Hollow Handles	$48.60	$66.78
Modeled Handles	41.25	52.08

The Free Salon Mirror Tray, Bridal Chest and Petit Voyage Case are same in price

50 YEAR REPLACEMENT GUARANTEE

SPOONS—*Six in Box*

Priced, per dozen	Retail	List
Tea	$8.00	$10.00
Dessert	16.00	20.00
Table	16.00	20.00
Soup Round Bowl	16.00	20.00
Cream Soup	16.00	20.00

FORKS—*Six in Box*

Priced per dozen	Retail	List
Dinner	$16.00	$25.00
Dessert	16.00	20.00
Individual Salad	15.00	18.80

KNIVES DeLuxe Stainless *Six in Box*

Priced, per dozen	Retail	List
Hollow Handle Dinner	$28.00	$36.48
Hollow Handle Dessert	20.00	26.48
Modeled Handle Dinner	18.00	23.44
Modeled Handle Dessert	18.00	23.44

KNIVES Jeweled Handle DeLuxe Stainless *Priced, per dozen*

	Retail	List
Dinner Knives with Emerald Pearl Color Handles	$19.50	$25.40
Dessert Knives with Ruby Pearl Color Handles	19.50	25.40
Dessert Knives with Emerald Pearl Color Handles	19.50	25.40
Dessert Knives with Sapphire Pearl Color Handles	19.50	25.40

KNIFE AND FORK SETS

6 DeLuxe Stainless Knives and 6 Forks

Priced, per Set	Retail	List
With Hollow Handle Dinner Knives	$22.00	$28.24
With Hollow Handle Dessert Knives	22.00	28.24
With Modeled Handle Dinner Knives	17.00	21.72
With Modeled Handle Dessert Knives	17.00	21.72

KNIVES Standard Stainless

Six in Box

Priced, per dozen	Retail	List
Modeled Handle Dinner	$16.00	$20.84
Modeled Handle Dessert	16.00	20.84
Hollow Handle Fruit	23.00	30.00
Modeled Handle Fruit	16.00	20.84

COMMUNITY PLATE

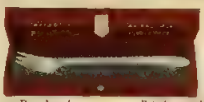
Patrician Moderne Design

	Retail	List
Sugar Spoon	$1.25	$1.57

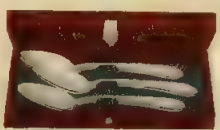
	Retail	List
Butter Knife, *each*	$1.25	$1.57
Butter Knife and Sugar Spoon, *set*	2.50	3.12

	Retail	List
Oyster or Salad Fork	$5.50	$6.88

	Retail	List
Priced, set of six		
Cream Soup Spoons	$8.00	$10.00

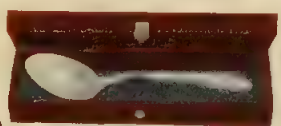


	Retail	List
Priced, each		
Pickle or Olive Fork	$1.50	$1.88



	Retail	List
Priced, set of six		
After Dinner Coffee Spoons	$4.00	$5.00
Five O'Clock Tea Spoons	4.00	5.00

	Retail	List
Priced, set of six		
Iced Tea or Iced Drink Spoons	$6.00	$7.50



	Retail	List
Priced, each		
Berry or Serving Spoon	$3.50	$4.38
Small Berry or Preserve Spoon	2.80	3.75

	Retail	List
Priced, each		
Cold Meat or Serving Fork	$2.50	$3.13
Small Cold Meat or Sardine Fork	2.25	2.82

BABY SPOONS AND FORKS

In Bright, Decorated Boxes	Retail	List
Spoon, Bent Handle, *each*	$1.00	$1.25
Spoon, Straight Handle, *each*	1.00	1.25
Fork, Straight Handle, *each*	1.00	1.25
Fork and Bent Spoon, *set*	2.00	2.50
Fork and Straight Spoon, *set*	2.00	2.50

CHILD'S SETS

In Brightly Decorated Boxes	Retail	List
With Hollow Handle Knife, *set*	$4.00	$5.00
With Flat Handle Knife, *set*	3.00	3.75

CARVERS
De Luxe Stainless Blades

	Retail	List
2-Piece, Hollow Handle (7-inch Blade), *set*	$12.50	$15.63
2-Piece, Hollow Handle (5-inch Blade), *set*	8.50	11.08
2-Pc. Mild Hdle Standard Stainless (5-in. Blade), *set*	5.50	7.15
Large, 3-Piece Hollow Handle, *set*	20.00	26.00
De Luxe Knife Sharpener, *each*	2.75	3.58

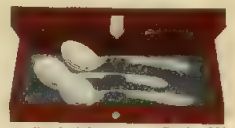
PIECES NOT ILLUSTRATED

Priced, each	Retail	List
Pie or Ice Cream Server, H. H.	$4.50	$5.63
Cheese Server, H. H.	3.00	3.75
Jam or Conserve Spoon	1.75	2.19
Lemon or Relish Fork	1.50	1.88
Pierced Bon Bon Spoon	3.50	3.13
Jelly Server	1.75	2.19
Cake Serving Set	8.00	10.25
Cake Fork	3.00	3.76
Cake or Bread Knife	5.00	6.31
Grape Shears	11.00	13.75
Sugar Tongs	2.00	2.50

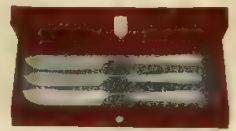
Priced, set of six	Retail	List
Tea Cream or Sundae Spoons	$6.00	$7.50
Ice Cream or Sherbet Forks	6.50	8.13
Individual Pie Forks	9.00	11.26
H. H. Tea or Butter Knives	12.00	15.64

	Retail	List
Priced, set of six		
Individual Salad or Pastry Forks	$7.50	$9.40

	Retail	List
Priced, each		
Salad Dressing or Small Ladle	$2.25	$2.82
Serving or Gravy Ladle	3.00	3.75
Medium Soup or Serving Ladle	8.50	10.64

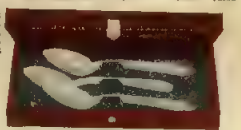


	Retail	List
Priced, set of six		
Bouillon or Consomme Spoons	$7.50	$9.40

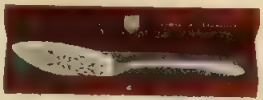


	Retail	List
Priced, set of six		
Individual Oyster Forks	$6.50	$8.14

	Retail	List
Priced, each		
Olive or Salted Nut Spoon	$2.00	$2.50



	Retail	List
Priced, set of six		
Orange or Grapefruit Spoons	$6.00	$7.50



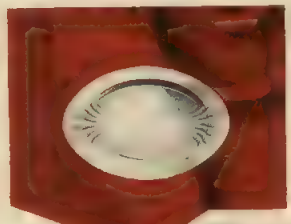
	Retail	List
Priced, each		
Pierced Pastry Server	$4.50	$5.63
Pierced Round Server	3.50	4.38

COMMUNITY PLATE

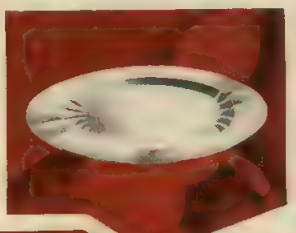
Patrician Moderne Design

		Retail	List
TEA POT	*Capacity 5 half pints*	$30.00	$25.52
SUGAR BOWL	*Height 3¼ inches*	11.00	13.76
CREAM PITCHER	*Height 3¼ inches*	9.00	11.26
OVAL WAITER	*18 inch*	20.00	25.02

		Retail	List
THREE-PIECE TEA SET	*(without waiter)*	$40.00	$50.04
FOUR-PIECE TEA SET	*(as shown above)*	60.00	75.06
SUGAR AND CREAM SET		20.00	25.02
DESSERT SERVICE	*(Sugar and Cream)*	10.00	12.52



SALT AND PEPPER SETS *(boxed)*
Height 5½ ins. Retail $7.50 / List $9.38



SANDWICH OR CAKE PLATE *(Length 11¾ ins.)*
Retail $7.50 — List $9.38

SANDWICH OR CAKE BASKET *(Length 12 ins. Cake Plate with folding handle)*
Retail $10.50 — List $13.14

BREAD OR ROLL TRAY *(Length 14 inches)*
Retail $7.50 — List $9.38

DOUBLE VEGETABLE DISH *(Length 12 ins. Cover can be used as additional dish)* . . . Retail $17.50 — List $ 21.90

COMMUNITY PLATE

Patrician Moderne Design

MEAT PLATTERS—*Well and Tree*
18 inch . . . . . *Retail,* $24.00 *List,* $50.02

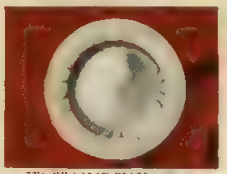
WATER PITCHER—*Capacity 2 qts.*
Retail . . . $17.50 *List,* $21.90

MEAT PLATTERS—*Plain*
18 inch . . . . . *Retail,* $20.00 *List,* $35.02

PICKLE, OLIVE OR SALTED NUT TRAY
Length 9 ins. *Retail,* $3.75 *List,* $4.70

GRAVY BOAT AND TRAY—*Length of tray, 9 inches*
Retail, ... $15.00 *List* $18 . 0

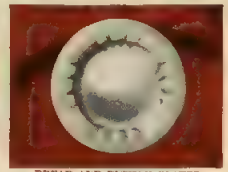
BON BON DISH *Length 6 3/4 ins*
Retail, . . . $4.00 *List* . . $5.00



TEA OR SALAD PLATE *6 1/4 ins*

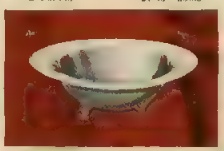
	Retail	*List*
Each	$4 00	$5.00
Set of Six	24 00	30.00

BREAD OR ROLL BASKET—*Length 15 inches*
Retail, ... $9.50 *List,* $11.88

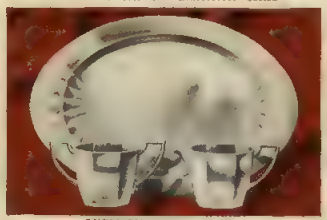


BREAD AND BUTTER PLATES
Diameter 6¼ inches

	Retail	*List*
Set of Six .	$22.50	$28.16



MAYONNAISE BOWL—*Length 6¾ ins.*
Retail $7.50 *List,* $6.88



THREE PIECE DESSERT SET
Sugar Bowl and Cream Pitcher, *each 2¾ ozs. high*
Tray 12 *ozs. long*

	Retail	*List*
THREE-PIECE SET, as shown	$17 50	$21 90
DESSERT SERVER, 18 ozs.	10 00	12 52
COLD MEAT OR DESSERT TRAY	7 50	9.38

FINGER BOWLS—*Dia. 5 inches*

	Retail	*List*
Set of Six . .	$22 50	$28.16

CHILD'S PORRINGER *Dia. 5 ins.*
Retail $3.75 *List* $4.70

CHILD'S SET BOWL AND PLATE

Dia. of		*Retail*	*List*
	Set	$7 50	$9 40
Plate	Plate	3.75	4.70
6¼ ins.	Bowl	3.75	4.70

CHILD'S CUP *Height 2¾ inches*
Retail, $3 75 *List,* . . $4.70

Last Call For
EASTER

Make Every Toy an Easter Toy. Clean Out the Slow Movers. This Article Tells How

THERE's still time to plan for Easter. It falls this year on Sunday, April 20th. To grown-ups it has several points of significance—to some its religious aspect is the big thing; to others it presages the height of style in garment finery. But to the youngsters it means that "school is out."

Easter brings certain ingredients which, if mixed together, automatically point to toy sales. The school vacation means the necessity for play materials to aid in whiling away the time. Sufficient time has elapsed for Christmas toys to have lost interest or to have reached a stage of obsolescence that makes replacement necessary. And that most important ingredient—legend, or custom—decrees, just as it does at Christmas time, that the children must get gifts significant of the occasion.

Bunnies, Chicks and Eggs

It is not the purpose of this article to dwell upon those types of merchandise which from time immemorial have been regarded as "hot Easter numbers." The Easter eggs, bunnies and chicks have sufficient background, established through the ages, to place them in the foreground as Easter sellers. Nor is it the purpose of this article to enumerate any of the stunts or features that enterprising toy dealers can stage, at a relatively small expense, as an aid in drawing the children and their parents to the toy department. The past two issues of PLAYTHINGS have carried suggestions for these features and have shown the type of advertising and window display necessary to bring the crowds.

Moving The Slow Ones

This article concerns itself primarily with the moving of the poorer sellers. While it is true that a check-up throughout the nation proved that stocks carried over into 1930 were at the lowest mark in history, these reports were for the entire toy stock and did not take into consideration certain isolated types of merchandise. Were there any little errors made in judgement on certain toy lines? Were there any other types of toys on which conditions beyond control slowed up the sales? Or possibly, as happened in certain sections of the country, weather conditions at the height of the Christmas rush prevented the expected attendance. All of these things probably meant a certain amount of carry-over. And it is for these toys that this article is written. Change them over into Easter toys and sell them.

How The Plan Works

This is not a idle statement. It is a plan that has been worked to advantage by toy merchants year after year; it is a plan through which toys that couldn't under any circumstances be sold at Christmas have sold at prices that even more than made up for the additional carrying charges. We have seen imported toy garages which could not under any amount of pressure be made to sell at Christmas time for $1.00, sell for $1.50 at Easter; we have seen a large stock of 50c toy wagons that couldn't be moved, move at $1.00 during the Easter holidays; we have seen groups of cheaper toys, which as individual items did not sell, disposed of at a price in excess of that reached by the total of the individual prices.

Ribbon — Plus Chicks

The transition from a slow-moving Christmas number to a fast-selling Easter item is accomplished at a few cents cost. The $1.00 garage has a few yards of ribbon wound around it, and perched on the roof is a tiny fluffy chick. Presto! It became a $1.50 Easter toy. The toy wagon carried over from Christmas also gets its decoration of colorful ribbon and a chick. Result—another fast-selling Easter number. In short, the plan by which this change is brought about is merely the taking advantage of what folk lore through the ages has always associated with Easter. Dress up a prosaic toy in Easter raiment and it immediately carries an additional appeal to the buying public.

Groups of Toys

A large number of stores seize on Easter to group their toys together and obtain six or a dozen sales where before one sale was difficult. An Easter basket plus a rubber ball, a top, a toy glider, and toys of similar type and price, can be sold at a price exceeding the retail figures for the toys included and the cost of the basket. Similar baskets are readily made up for the girls—with

Scene at the Tournament Recently Held at the Hotel Pennsylvania, New York

rivalry on the Ping Pong table. Then word began to get around of Ping Pong games in private dwellings, where the bridge table was forsaken to settle the question of supremacy on the green table. Then leading department stores staged tournaments, to which an international flavor was added by participation of champions from all countries, these appearing from Hungary, England, France, Germany all countries, in fact, having their entrants

A Job Well Done

Naturally, back of this revival there must have been the strong hand of organizations or individuals who, believing in the merits of Ping Pong, were taking it upon themselves to sell its possibilities to the world

Especially active in exploitation of Ping Pong is Mr. E B. Rose, New York Manager of Parker Bros. His understanding of the best method of deeply interesting the public has had much to do with the accomplishment of the revival of Ping Pong and the establishing of it upon a basis of approved laws and specifications. The newspaper publicity accomplished through Mr. Rose's efforts has been of vital importance in increasing the interest throughout the country to the great benefit of the dealers as well as of the playing public.

The newspapers and magazines are continually carrying stories of Ping Pong. The public is having held up to them the possibilities of sport recreation, skill and exercise that exist in this game. The public is apparently accepting Ping Pong and it is this public acceptance, in this revival, that the opportunity rests for the toy dealer.

Stage a Tournament

Stage a Ping Pong tournament of your own. We don't hold out the hope that you will get four hundred entrants, but we are firmly convinced that the revival has now reached a point where enterprise of the dealer in staging such a tournament will be rewarded by interest on the part of the people in the dealer's community And it goes without saying that to attain proficiency means practice—that practice, in turn, means the necessity for equipment, and the necessity for equipment means sales of Ping Pong sets and tables.

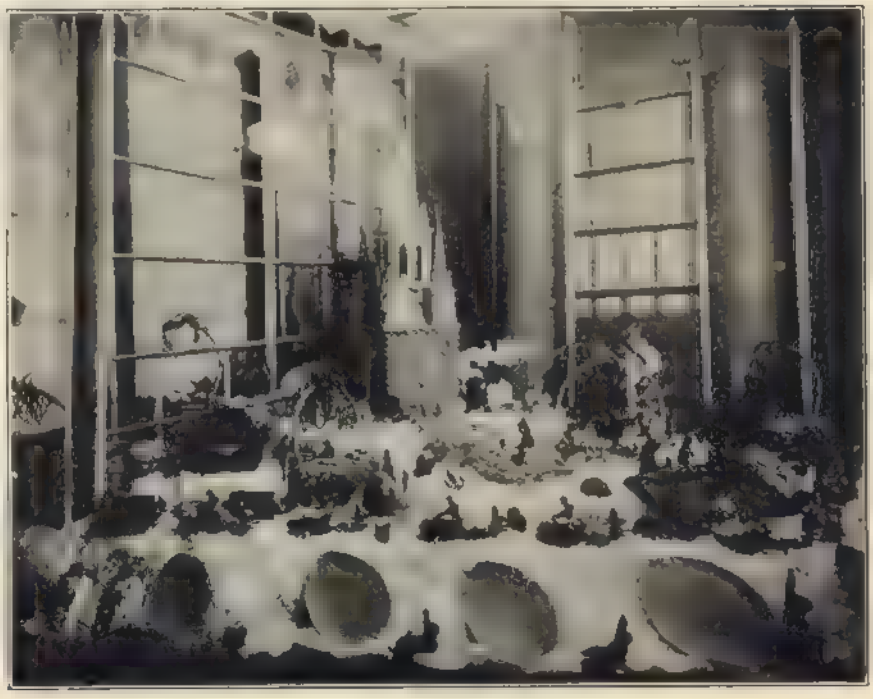
The American Ping Pong Association

Another suggestion. Why not, in your community, organize a local chapter of the American Ping Pong Association? This organization, patterned closely along the lines of the U. S. Lawn Tennis Association, is now past the formative period and is an established organization. Details relative to methods of organization and helpful hints in the matter of creating profitable interest in your community can be obtained from the American Ping Pong Association, 175 Fifth Avenue, New York City.

Ping Pong has revived. Toy dealers are going to make money out of this revival. Just which toy dealers these are going to be, however, rest with themselves. In short, the ones who make the money are the ones who are going after the business.

Inexpensive
EASTER WINDOWS

The Attractive Trim of
Mrs. Carol Schultz,
Buffalo, N. Y.



The Easter Display of
John Petrow,
Fremont, Nebr.

jackstones, jump ropes, painting sets, sewing sets and other numbers particularly designed for the little ladies. These need not be confined to the lesser priced grade of toys, baskets retailing up to $10.00 selling quite satisfactorily. The appeal on the basket is two-fold. It removes the burden of choice for the parent and, at the same time, contains a variety of toys calculated to keep the youngster satisfied for many days to come.

The plan by which all toys are turned into Easter numbers is simple. It does not entail heavy outside purchases; it needs no experts. It simply means taking girls with an aptitude for decorative effects and putting them to work trimming toys and making up baskets.

Easter carries with it time-honored opportunities. Stuffed toys have a particular appeal; vehicles come into their own due to the fine days that mark the holidays. These opportunities of themselves should be sufficient to make the dealer determine to feature this period as "a little Christmas." But when with Easter comes the added opportunity for disposal of the carry-overs, for getting rid of those constant reminders of something that didn't go as well as expected, when it offers what might be properly called the final clean-out opportunity, then it certainly merits every toy seller's best attention. Make the most of this chance! Sell Easter toys, but make all of your toys come properly under this classification.

A Doll Surgeon

Benjamin Hoffman, Richmond Hill Merchant, Says Boys Prefer Brunette Dolls as Well as Blondes

By Dick Lee

BENJAMIN HOFFMAN

"The Doll Surgeon of Richmond Hill"

"DR" Ben Hoffman, owner of Hoffman's Doll Hospital, Richmond Hill, L. I., N. Y., has practiced doll "surgery" for fifteen years. Many of his "patients" have been in dire distress, but he has managed in all cases to start them on the road to recovery. His deft fingers have restored "fractured skulls," "sightless eyes" and "broken limbs" hundreds of times. Naturally, so skilled a "surgeon" has his reminiscences.

"Life in a doll's hospital is not one of pain for the 'patients,'" 'Dr. Hoffman said. "The trying ordeal of the 'operation' is always reserved for the 'parent.' Six-year-old 'mothers' sometimes come into my hospital with their 'babies' who have been crushed underfoot, prodded in the eyes with sticks, or chewed by dogs. In such cases, I am called on to remove the 'injured' parts. When this happens, it is always the little 'mother' that cries—never the 'parent.'"

'Dr.' Hoffman, in addition to his doll hospital, carries a very complete line of toys, dolls, novelties, sporting goods and musical instruments. He has built up his business in these lines to its present thriving proportions by his modern merchandising ideas, his friendly counsel and advice that customers have come to rely on, and through the reputation that he enjoys of carrying a very wide and complete stock to choose from.

In the doll section, many hundreds of this type of plaything are to be found on the shelves

There are big dolls and little dolls, blondes and brunettes, "boys and girls," some of them walk, talk and sleep. Others have none of these human attributes. All of them, however, are pretty, enticing and appealing. All sorts of people buy them. Many of them find their way to foreign countries, where Americans have small nieces and nephews. Some of the dolls which have been returned to 'Dr.' Hoffman's hospital for "operations" are as much as forty years old

Dolls for Adults

"It may seem a bit untrue, many a childless couple have bought dolls to take the place of the children they never had," said "Dr." Hoffman. "A couple bought a doll for that purpose only recently. They paid twenty-five dollars for the doll and almost as much for its clothes, which I carry in stock at all times They bought a silk dress, silk stockings, a lace cap, fancy shoes and a hat and coat. They freely admitted why they wanted the doll

"Handling dolls for fifteen years has taught me a good deal about human nature. Children who own dolls take very good care of them. They are on the way to good parenthood. When a mother comes into my hospital with a broken doll, she invariably says, 'My little girl borrowed this doll from the girl next door, and she dropped it on the walk.' It is as I said—the girl who owns a doll seldom breaks it."

"Dr." Hoffman was a little shy about claiming ability to determine the nature of the child by the type of doll for which it expressed a preference. He said, however, that both boys and girls like dolls. Some mothers, he said, will buy dolls as birthday anniversary gifts for girls as old as 16, 18 and 20. He refused to admit, on being questioned, that the majority of little boys prefer blondes.

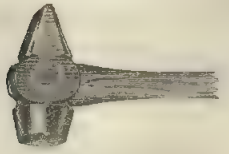
Abraham Meier

THE trade will regret to learn of the death of Abraham Meier, President of Meier & Frank Co., who passed away in his sixty-second year at his home in Portland, Oregon. Mr. Meier was one of the founders of the firm, which was established back in 1857.

He is survived by his brother, Julius Meier, the present Vice-President and General Manager, and also a son, Alan, who now serves as Merchandise Manager.

FARRIERS HAMMERS E

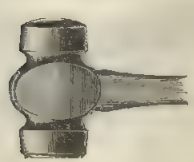
FITTING



Drop forged tool steel; hickory handle.

NO.	Size	Wt. Doz.	DOZEN
5-2	2 lb.	24 lb.	$39.00
5-2½	2½ lb.	27 lb.	39.00
5-2½	2½ lb.	30 lb.	39.00

ROUNDING



Maud S

Drop forged tool steel; hickory handle.

NO.	Size	Wt. Doz.	DOZEN
4-2	2 lb.	24 lb.	$39 00
4-2½	2½ lb.	27 lb.	39 00
4-2½	2½ lb.	30 lb.	39 00

DRIVING

Clean Claw

Drop forged tool steel; hickory handle.

NO.	Weight Each	DOZEN
37-14	14 oz.	$30.00
37-16	16 oz.	30.00

DRIVING

Scotch Pattern

Drop forged tool steel; hickory handle.

NO.	Weight Each	DOZEN
13	14 oz.	$28.00

Standard Pattern

Drop forged tool steel; hickory handle.

NO.	Weight Each	DOZEN
51-12	12 oz.	$28.00
51-14	14 oz.	28 00
51-16	16 oz	28.00

Standard Pattern

Drop forged tool steel; hickory handle.

NO.	Weight Each	DOZEN
50-14	14 oz.	$28.00
50-15	15 oz.	28.00
50-16	16 oz.	28.00

E FARRIERS TOOLS

SOLE KNIVES

Axe pattern; drop forged steel.

NO.	Approx. Lgth.	Wt. Dz.	DOZEN
2	8 in.	9 lb.	$10.00

Adze

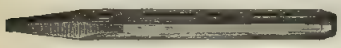
NO.	Approx. Lgth. In.	lb Doz.	DOZEN
78	6	8½	$12.00

BUFFERS

Drop forged steel.

NO.	Approx. Lgth.	Wt. Dz.	DOZEN
17	6 in.	13¾ lb	$10.00

PRITCHELS



Octagon steel; hardened point.

NO.	Size	Weight Doz.	DOZEN
10	10x⅝	15	$7.00
2	10x1	12½	8.00

HORSE TOOTH FILES

Heller Bros.

Jointed nickel plated steel shank, hardwood handle, removable float. Reversible file and rasp.

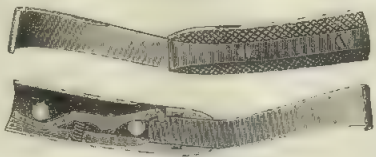
NO.	Weight Doz.	EACH
4	15 lb.	$3.00

REMOVABLE FLOATS

To fit No. 4.

NO.	Weight Doz.	DOZEN
7	2 lb.	$4.00

KNIVES



Champion

Japanned iron handle; crucible steel blades; can be changed instantly. One handle, one blade.

NO.	Size	Wgt. Doz.	DOZEN
35-½	½ in.	4½ lb.	$10.50
35-⅝	⅝ in.	4½ lb.	10.50
35-¾	¾ in.	4½ lb.	10.50

KNIFE BLADES

NO.	Size	Wgt. Doz.	DOZEN
35-½B	½ in.	12 oz.	$6.75
35-⅝B	⅝ in.	12 oz.	6.75
35-¾B	¾ in.	12 oz.	6.75

KNIFE HANDLES

NO.	lb Doz	DOZEN
35H	3¾	$3.75

HORSE RASPS

Heller—Plain

NO.	Length	Wt. Doz.	DOZEN
HP12	12 in.	16 lb.	$ 7.00
HP14	14 in.	21 lb.	9.00
HP16	16 in.	32 lb.	13.00

Heller—Tanged

NO.	Length	Wt. Doz.	DOZEN
HT14	14 in.	29 lb.	$12.00
HT16	16 in.	39 lb.	18.00

Sierra—Plain

NO.	Length	Wt. Doz.	DOZEN
SP12	12 in.	16 lb.	$ 6.00
SP14	14 in.	21 lb.	8.00
SP16	16 in.	31 lb.	11.50

Sierra—Tanged

NO.	Length	Wt. Doz.	DOZEN
ST14	14 in.	29 lb.	$10.75
ST16	16 in.	42 lb.	14.00

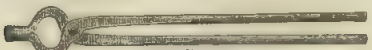
FARRIER TOOLS

TONGS

Straight Lip

Drop forged steel; oil finished.

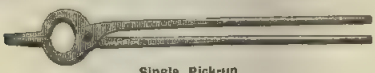
NO.	Length	Wgt. Each	EACH
60-16	16 in.	2 lb.	$1 00
60-18	18 in.	2½ lb.	1.00
60-20	20 in.	3 lb.	1.25
60-22	22 in.	3½ lb.	1.35
60-24	24 in.	4 lb.	1.50



Bolt

Curved lip; drop forged steel; oil finished.

NO.	Size Iron	Length	Wgt Each	EACH
58-1/4	1-4 in.	18 in.	1⅞ lb.	$1.50
58-5/16	5-16 in.	18 in.	1⅞ lb.	1.50
58-3/8	3-8 in.	20 in.	2⅛ lb.	1 50
58-1/2	1-2 in.	20 in.	2⅛ lb.	1.75
58-5/8	5-8 in.	22 in.	3⅛ lb.	2.00
58-3/4	3-4 in.	22 in.	3⅛ lb.	2.00
58-7/8	7-8 in.	24 in.	3⅜ lb.	2 25
58-1	1 in.	24 in.	3⅜ lb.	2 25



Single Pick-up

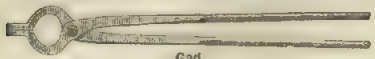
Drop forged steel; oil finished.

NO.	Length	Wgt. Each	EACH
65	22 in.	3 lb.	$1 50

Double Pick-up

Drop forged steel; oil finished.

NO.	Length	Wgt. Each	EACH
64	22 in.	3¾ in.	$1 50



Gad

Drop forged steel; oil finished.

NO.	Length	Wgt. Each	EACH
59-20	20 in.	2¾ lb.	$1.40
59-22	22 in.	3 lb.	1.50

Horseshoers

Light. Drop forged steel; oil finished.

NO.	Length	Wgt. Each	EACH
32-12	12 in.	1⅜ lb.	$1.10
32-14	14 in.	1½ lb.	1.25

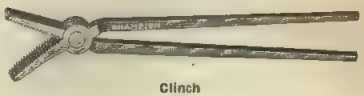
Medium. Drop forged steel; oil finished.

NO.	Length	Wgt. Each	EACH
46-12	12 in.	1½ lb.	$1.10
46-14	14 in.	2 lb.	1.25

Universal

NO.	Length	Wgt. Each	EACH
8	16 in.	1¾ lb.	$1.50

TONGS



Clinch

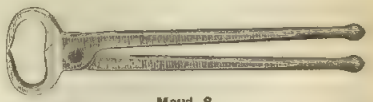
Straight ends; drop forged steel; full polished.

NO.	Length	Wgt. Doz.	DOZEN
20	14 in.	22 lb.	$38.50

PINCERS

Extra quality. Polished head; oil finished handles.

NO.	Length	Wgt. Dozen	DOZEN
49-12	12 in.	20 lb.	$15.00
49-14	14 in.	25 lb.	18.00



Maud S

Extra quality. Polished head; oil finished handles.

NO.	Length	Wgt. Dozen	DOZEN
23-12	12 in.	26 lb.	$30.50
23-14	14 in.	33 lb.	32.50

Favorite

Drop forged steel; polished head; blued handles; square jaw used as a clinch block.

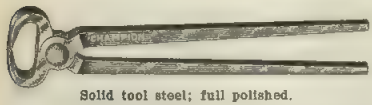
NO.	Length	Wgt. Dozen	DOZEN
80-14	14 in.	34 lb.	$36.00

E FARRIERS TOOLS

CUTTING NIPPERS

Extra quality. Polished head; oil finished handles.

NO.	Length	Wt. Doz.	DOZEN
48-12	12 in.	20 lb.	$12.00
48-14	14 in.	25 lb.	15.00



Solid tool steel; full polished.

NO.	Length	Wt. Doz.	DOZEN
25-10	10 in.	16 lb.	$30.00
25-12	12 in.	20 lb.	36 00
25-14	14 in.	25 lb.	45.00

HOOF NIPPERS

Wagner & Lowe

NO.	Length	Wt. Doz.	DOZEN
61-14	14 in.	25 lb.	$33 50
61-16	16 in.	35 lb.	40.00

HOOF SHEARS

Our Pride

Drop forged tool steel, full polished; ball bearing joint with adjustable nut. Both blades sharp, and pass each other, making a shear cut. Upper blade called "right," lower blade "left."

NO.	Size	Wt. Doz.	DOZEN
81	14 in.	30 lb.	$61.00

HOOF SHEAR KNIVES

NO.	Wt. Doz. Pr.	DOZ. PAIR
81K	3 lb.	$15.00

HOOF SHEAR SPRINGS

NO	Wt. Doz.	DOZEN
81S	4 oz.	$1.20

HOOF PARERS

Solid tool steel; full polished.

NO.	Length	Wt. Doz.	DOZEN
26-12	12 in.	21 lb.	$36.00
26-14	14 in.	26 lb.	45.00

APRONS

Muleskin—With Flaps

Complete with brass eyelets and leather strings.

NO.	Size	Quality	Wt. Doz.	EACH
M	28x36 in.	Medium	24 lb.	$7.00
S	30x38 in.	Heavy	27 lb.	8.00

Boss—Split Leather

Complete with brass eyelets and leather strings.

NO.	Length	Wt. Doz.	EACH
A	26x38 in.	18 lb.	$5.00
X	30x36 in.	19 lb.	6.00

GREYSTONE ENAMELED WARE G

In a single coated, low priced grey enameled ware, you will find nothing superior to Greystone Enameled Ware.

COFFEE BOILERS

NO.	Trade Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
60G	5	8	½ doz.	32	$13.80
70G	6	8½	½ doz.	36	14.50
80G	8	9½	½ doz	44	16 20
90G	11	10½	1-6 doz.	54	21 50

MILK OR RICE BOILER

NO.	Trade Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
18G	1½	8	1 doz.	55	$17.00
24G	3	10¼	1 doz.	80	24 00
52G	1	5½	1 doz.	41	16.00
52½G	2	6	1 doz.	46	17.00
53G	2½	6½	1 doz.	50	18.50

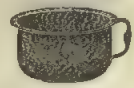
WASH BOWLS

NO.	Diameter	In Case	Wt. Doz.	DOZEN
26G	10½ in.	6 Dz.	11 lb.	$3.00
28G	11½ in.	6 Dz.	12 lb.	3 50
30G	12 in.	6 Dz.	13 lb.	4 00
32G	12½ in.	6 Dz.	16 lb.	4 50
34G	13½ in.	4 Dz.	20 lb.	5.20

SEAMLESS BOWLS

NO.	Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
12G	1	5½x3	6 doz	6	$2 60
14G	1½	6¼x3	6 doz.	7	3 00
16G	2	7¼x3	6 doz.	9	4.00
18G	2½	7½x3½	6 doz.	9	4.25
20G	3	8¼x3½	4 doz.	10	4 25
22G	4	8½x4	4 doz.	13	5.10
24G	5	9½x4½	3 doz.	24	5.50

CHAMBERS



NO.	Size	In Case	Wt. Doz.	DOZEN
1G	7½x4 in.	1 Dz.	12 lb.	$4.20
1½G	8½x4⅝ in.	1 Dz.	14 lb.	5.60
2G	9¼x5 in.	1 Dz	18 lb.	7.00

CHAMBER COVERS

NO.	Size	In Case	Wt. Doz.	DOZEN
1G	7⅝ in.	2 Dz.	7 lb.	$2.70
1½G	8⅝ in.	2 Dz.	7 lb.	3.20
2G	9⅝ in.	2 Dz.	9 lb	3.70

COLANDERS

NO.	Size	In Case	Wt. Doz.	DOZEN
1G	10 in.	3 Dz.	13 lb.	$6.30
2G	11 in.	3 Dz.	23 lb.	7.20

DRINKING CUPS

NO.	Cap. Pt.	Size In.	In Case	lb Doz.	DOZEN
8G	½	3½x2	12 doz.	3	$2.00
9G	¾	3¾x2½	12 doz.	3	2.00
10G	1	4¼x2½	12 doz.	4	2.20

PIECED CUPS

NO.	Cap. Pt.	Size In.	In Case	lb Doz.	DOZEN
25G	1	3⅝x2⅝	6 doz.	4	$2.40

CUSPIDORS

NO.	Size	In Case	Wt. Doz.	DOZEN
10G	7x3¼ in.	2 Dz.	8 lb.	$5.60
20G	7¼x4¼ in.	2 Dz.	12 lb.	7.50

WINDSOR DIPPERS

NO.	Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
110G	1	4⅝x3	6 doz.	6	$3.20
112G	2	5⅜x3	6 doz.	7½	3.50

G GREYSTONE ENAMELED WARE

PIECED FUNNELS

NO.	Capacity	In Case	Wt. Doz.	DOZEN
02G	½ pt.	6 Dz.	4 lb.	$3.00
03G	1 pt.	6 Dz.	5 lb.	3.70
04G	1 qt.	4 Dz.	10 lb.	4.60
05G	2 qt.	4 Dz.	17 lb.	5.60

CONVEX KETTLES

NO.	Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
02G	2	5⅜x3⅜	1 doz.	12	$ 5.50
03G	3	6¼x4	1 doz.	13	6.30
04G	4	7⅛x4½	1 doz.	17	7.80
06G	6	9 x5⅝	1 doz.	23	9.30
08G	8	10 x5⅞	1 doz.	28	12.00
010G	10	10⅝x6½	½ doz.	40	13.60
012G	12	11½x6⅞	½ doz.	50	16.50

TEA KETTLES

NO.	Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
50G	3	8	1 doz.	22	$12.00
60G	4	8¾	1 doz.	27	13.20
70G	5	9½	½ doz.	29	15.00
80G	7	10¼	½ doz.	36	18.00
90G	8	11⅛	½ doz.	44	20.70

GRADUATED MEASURES

NO.	Cap. Qt.	In Case	lb Doz.	DOZEN
11G	1	3 doz.	14	$5.00

CHAMBER PAILS

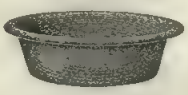
NO.	Cap. Qt.	In Case	lb Doz.	DOZEN
2G	10	½ doz.	44	$16.50
3G	12	½ doz.	48	18.70

WATER PAILS

NO.	Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
110G	10	10¾x7⅛	1 doz.	32	$11.00
112G	12	11⅛x8⅛	1 doz.	39	13.60
114G	15	12⅝x9⅛	1 doz.	47	18.50

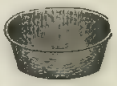
DISH PANS

NO.	Cap. Qt.	Size In.	In Case	lb Doz	DOZEN
80G	8	14⅛x4⅜	2 doz	33	$ 7.00
100G	10	15⅛x4⅛	2 doz.	34	8.00
140G	14	16⅛x5	2 doz.	38	9.00
170G	17	18 x5	2 doz.	42	12.00
210G	21	19¾x5⅛	2 doz.	35	16.00



NO.	Capacity	Size In.	In Case	Doz. lb Doz.	DOZEN
241G	14 qts.	16½x5⅛	2	35	$8.50

MILK PANS



NO.	Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
0G	½	6 x1⅛	6 doz.	5	$1.90
11G	1	7 x1⅜	6 doz.	6	2.00
20G	2	8⅛x1⅝	6 doz.	7½	2.50
30G	3	9½x2⅛	6 doz.	9	2.80
40G	4	10⅝x2⅛	6 doz.	12	3.50
60G	6	12⅝x2⅝	6 doz.	15	4.50
80G	8	13½x3	6 doz.	20	5.30
110G	10	14½x3	6 doz.	22	7.00

GREYSTONE ENAMELED WARE G

PUDDING PANS

NO.	Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
100G	1	7⅞x2¼	6 doz.	7	$2.30
150G	1½	7¼x2⅝	6 doz.	8	2.40
200G	2	8⅜x2⅝	6 doz.	10	2.80
300G	3	9⅛x3	6 doz.	12	3.30
400G	4	10⅛x3⅛	6 doz.	14	3.60
500G	5	11 x3⅜	6 doz.	17	4.00
600G	6	11⅞x3⅛	6 doz.	18	5 00
800G	8	13 x3⅛	4 doz.	20	6.50

CONVEX SAUCE PANS

Covers are tin not enameled as shown.

NO.	Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
02G	2	5⅝x3⅜	1 doz.	12	$ 5.30
03G	3	6⅜x4	1 doz.	16	6.40
04G	4	7⅛x4½	½ doz.	24	8.00
06G	6	9 x5⅜	½ doz.	38	9.70
08G	8	10 x5⅝	½ doz.	42	12.20
010G	10	10⅝x6½	½ doz.	100	14.00

LIPPED SAUCE PANS

NO.	Cap. Qt.	Size In	In Case	lb Doz.	DOZEN
14G	1½	6¼x3	3 doz.	12	$3 .0
16G	2	7⅛x3	3 doz.	14	3 10
18G	2½	7⅞x3½	3 doz.	16	3 90
20G	3	8½x3⅝	3 doz.	18	4.00
22G	4	8⅞x4	3 doz.	24	5.10
24G	6	9⅝x4½	3 doz.	27	6.00
26G	8	11 x4½	2 doz.	37	7.20

PIE PLATES

Shallow

NO.	Size	In Case	Wt. Doz.	DOZEN
28G	8x⅞ in.	12 Dz.	5 lb.	$2.20
29G	9x⅞ in.	76 Dz.	6 lb.	2.30

Deep

NO.	Size	In Case	Wt. Doz.	DOZEN
39G	9x1½ in.	12 Dz.	5½ lb.	2.50
40G	10x1½ in.	12 Dz.	6 lb.	2.70

COFFEE POTS

NO.	Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
5G	1	4½	2 doz.	11	$ 6 60
15G	1½	5¼	2 doz.	12	7 00
25G	2	5½	2 doz.	13	7 75
35G	3	6⅜	1 doz.	21	9 00
45G	4	7	1 doz.	23	10.50

TEA POTS

NO.	Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
0G	1	4½	2 doz.	11	$ 7 50
10G	1½	5¼	2 doz.	12	8 20
20G	2	5¾	2 doz.	13	9.20
30G	3	6⅜	1 doz.	21	11.00

BASTING SPOONS

NO.	Size	In Case	Wt. Doz.	DOZEN
10G	10 in.	12 Dz.	3 lb.	$1 50
12G	12 in.	12 Dz.	4 lb.	1 60
14G	14 in.	12 Dz.	4 lb.	1 90
16G	16 in.	12 Dz.	5 lb.	2 30

G

SAVORY METAL WARE

A Wonderful New Material for Kitchenware

A solid metal harder than steel, as smooth as glass and practically non-porous. Modern improved shapes.

STAINLESS

The most acid foods may be cooked in it, yet it will not stain. Will not melt, soften or crack.

RUSTLESS

It will not rust. Guaranteed for a period of ten years.

DOUBLE BOILER

NO.	Capacity	Diam. In	EACH
521	2 qts.	6	$12 00
531	3 qts.	7	14 00
541	4 qts.	7⅞	15 00

SOUP BOWL

NO.	Capacity	Size In.	Lbs. Doz.	EACH
S-125	1½ pts.	5⅝x2½	12	$3 25

MIXING BOWL

NO.	Capacity	Size In.	Lbs. Doz.	EACH
S-16B	1 qt.	6⅝x2⅞	12	$3.00
S-20B	1⅝ qt.	7⅞x3⅜	18	3.50
S-22B	2⅜ qt.	9 x4	24	4.25
S-26B	4⅜ qt.	10⅜x4⅝	36	5 25

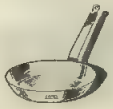
CONVEX KETTLES

NO.	Capacity	Size In.	Lbs. Doz.	EACH
S-031K	3 qts.	7⅞x5⅛	54	$7.75
S-041K	4 qts.	8¼x5⅜	60	8.25
S-061K	6 qts.	9⅜x6⅛	81	10.50
S-081K	8 qts.	10⅛x6⅝	98	11.75
S-0101K	10 qts.	11 x7¼	120	13 50

LADLE

NO.	Lbs. Doz.	EACH
S-10		$4.15

FRY PANS



NO	Size In	Lbs. Doz.	EACH
S-16F	8⅛x2		$4 00
S-24F	9⅝x2⅛		6 25
S-28F	10⅝x2¼		8.50

CONVEX PANS

NO	Capacity	Size In.	Lbs Doz.	EACH
S-31P	3 qts.	7⅛x5⅛	48	$7.75
S-41P	4 qts.	8¾x5⅝	54	8.25
S-61P	6 qts.	9¼x6⅛	78	10.50

PUDDING PAN

NO	Capacity	Size In.	Lbs Doz	EACH
S-1P	1 qt.	7⅛x2½	12	$3.00
S-2P	2 qt.	8⅝x2⅝	24	3.75
S-3P	3 qt.	9⅛x3	30	4.15
S-4P	4 qt.	10¼x3⅛	36	4 50

LIPPED PANS

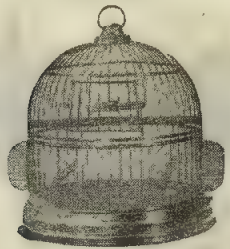
NO.	Capacity	Size In	Lbs Doz.	EACH
S-16P	2 qts.	7 x3¼	30	$4.75
S-18P	2½ qts.	7¾x4¼	42	5 15
S-20P	3 qts.	8¼x4⅛	48	5 75
S-22P	4 qts.	9 x4½	54	4 15
S-24P	5 qts.	10 x5	60	7 25

CONVEX POTS

NO.	Capacity	Size In.	Lbs. Doz.	EACH
S-03P	3 qts.	7⅛x5⅛	48	$7 75
S-04P	4 qts.	8¼x5⅝	54	8 25
S-06P	6 qts.	9⅛x6⅛	66	10.50
S-08P	8 qts.	10⅛x6⅝	96	11.75
S-010P	10 qts.	11 x7⅛	108	13.50

BIRD CAGE ASSORTMENTS G

These assortments contain the most popular cages in the entire line. Feed cups, swings and perches included.



Body of cage made of solid brass spring wire fastened to three cross rails by a patent device. Top piece, base and seed cups finished in Blue, Green or Red.

NO.	Color	Diam. In.	Lbs Doz.	EACH
5218G	Blue	11¼	52	$4.75
5217G	Green	11¼	52	4.75
5216G	Red	11¼	52	4.75

Packed three in carton.

Body of cage made of solid brass spring wire fastened to the cross rails by a patent device. Finished in two-tone effects of Blue, Green, Red or Orange.

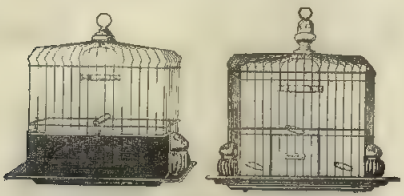
NO.	Color	Diam. In	Lbs. Doz.	EACH
567G	Green	11¼	52	$4.75
568G	Red	11¼	52	4.75
588G	Blue	11¼	52	4.75
569G	Orange	11¼	52	4.75
561D		11¼	62	1.75

Packed three in carton.

Solid Brass Cages—Satin Dip

NO.	Diam In.	Lbs. Doz.	EACH
561D	11¼	52	$5.25

Packed three in a carton.



Maxwell

Assortment contains the following cages, the ivory with guards and white without guards.

NO.	Size In.	Finish	EACH
50	10⅛x7⅛	Ivory	$5.25
51	10⅞x7½	White	5.75
52	11¼x8¼	Ivory	6.35
53	11⅝x8⅝	White	6.75

Assortment

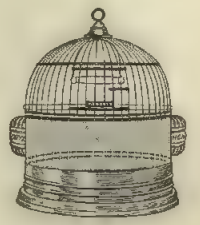
NO.	lb Asst.	ASSORTMENT
5	14	$22.00

Maxwell

Contains the following cages with guards as illustrated.

NO	Size In.	Finish	EACH
20	10	White	$6.75
21	10½	White	7.50
22	11	White	8.50

NO	lb Asst.	Assortment	ASSORTMENT
2	14		$21.00



Hendryx

Solid brass body, brass wire seed guard and brass top piece. Assortment consists of three cages in assorted colors.

NO	Size In.	Ht. In.	Finish	EACH
801	10⅛	14	Blue	$5.70
802	10⅛	14	Red	5.70
803	11	14½	Green	7.60

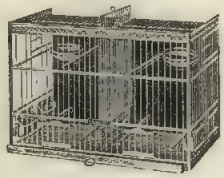
Assortment

NO.	lb Asst.	ASSORTMENT
800	15	$17.25

G BIRD CAGE ASSORTMENTS

The three- and four-cage assortments of the ever popular Hendryx make, are selected with the view of satisfying all demands for variety, style and size. Feed cups, perches and swings are included.

BREEDING CAGES



Hendryx

Double breeding cage. White enameled. Solid and wire partitions. Metal drawer and closed back. Consists of 3 sizes.

NO.	Size In.	EACH
868	17½x8¾x14	$ 7 75
86	19½x10x14¾	10 20
87	22 x11x16¾	12.00

NO.	lb Asst.	Assortment	ASSORTMENT
1018	84		$30 00

PARROT CAGES

Hendryx

Contains the following cages.

No.	Size In.	Hight In.	EACH
901	17	20	$11.40
902	17¼	23	13.90
903	19¼	24	17.00

Assortment

No.	Lbs. Asst	ASSORTMENT
900	55	$38.50

White and Bronze

White with Guard

Hendryx

Assortment contains four cages.

NO.	Size In.	Finish	EACH
601	9¾x6¾x15¾	White, Bronze, Guard	$7 40
602	10¾x7¾x13¾	White, Guard	8 00
603	12¾x8¾x17¾	Enameled, Guard	8 70
604	13 x8¾x18	White, No Guard	9 40

Assortment

NO	lb Asst.	ASSORTMENT
600	20	$30 00

Hendryx

Assortment contains the following cages.

NO.	Size In.	Finish	EACH
301	9⅝x6¾x12¾	Tinned	$4 80
302	10¾x7¾x13¾	Tinned, Guard.	5 00
303	10¾x7¾x13¾	Tinned, Guard	5.40
304	13 x8¾x14¾	Tinned	5.80

Assortment

NO.	lb Asst.	ASSORTMENT
300	20	$20.00

Tinned or Brass

All Brass

Hendryx

Contains the following cages with brass guards.

NO.	Size In.	Finish	EACH
501	10¾x7¾x12¾	Brass	$ 8.90
502	10¾x8¾x15	Brass	9.80
503	13 x8¾x14¾	Tinned	11.00

Assortment

NO.	lb Asst.	ASSORTMENT
500	15	$26.75

BIRD CAGE ASSORTMENTS G

Hendryx

Assortment contains the following fancy half globe cages.

NO.	Size In.	Finish	EACH
401	10x16¾	Ivory	$7.00
402	11x17½	White	7.60
403	12x18	Ivory	8.50

Assortment

NO.	lb Asst.	ASSORTMENT
400	15	$20.00

Hendryx

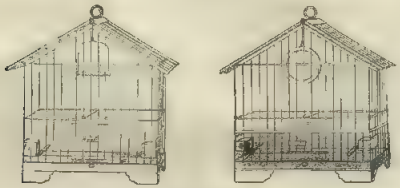
Assortment contains the following cages as illustrated.

NO.	Size In.	Finish	EACH
201	9¾x6½x11¾	Brass	$6.20
202	10¾x7¾x14	Brass	6 80
203	10¾x7¾x13½	Tinned	7 60

Assortment

NO.	lb Asst.	ASSORTMENT
200	15	$18.50

COLLAPSIBLE



222D 555D

Plain white enamel

Cages are so constructed that walls, top and bottom may be separated by removal of holding pin; very convenient for cleaning or storage. Packed one in a carton.

NO.	Size	Height	EACH
222D	8¼ x 11 in.	11¾ in.	$6.00

All brass; fine mesh guard.

NO.	Size	Height	EACH
555D	8¼ x 11 in.	11¾ in.	$14.60

Hendryx

Round brass cage with extra top rail and brass wire guard. Assortment consists of:

NO.	Size In.	Finish	EACH
701	10½	Brass	$6.50
702	11	Brass	7.10
703	11½	Brass	8.00

Assortment

NO.	lb Asst.	ASSORTMENT
700	15	$20.00

Hendryx

Assortment contains the following cages as illustrated.

NO.	Size In.	Finish	EACH
101	9¾x6½x15¾	White	$4.10
102	10¾x7 x16	Fancy Enam.	4 80
103	11 x7¾x16¾	Fancy Enam.	5.20
104	12¼x8¼x16	Fancy Enam.	5 60

Assortment

NO.	lb Asst.	ASSORTMENT
100	20	$18.00

G

BIRD CAGES AND STANDS

120-118

117-115

Japanese style cages finished in colors of blue, green or red with brass hilite. Stand is ⅝-inch brass upright tubing with ornamental spindle finished in colors to match cage with brass hilite. Cage and stand sold complete.

NO	Finish	Diam. Cage In.	EACH
120	Blue	10¾	$20.00
119	Green	10¾	20.00
118	Red	10¾	20.00

Body of cage made of solid brass spring fastened to three rails by patent device. Center rail covered with highly polished brass band. Finished in colors of blue, green or red with colors of stand to match. Stand is made from ⅝-inch tubing, fancy spindle brass base. Cage and stand sold complete.

NO.	Finish	Diam. Cage In.	EACH
117	Blue	11¾	$14.25
116	Green	11¾	14 25
115	Red	11¾	14.25

109

111-114

Japanese style cages finished in red with stand to match.

NO.	Diam Cage In.	Ht. In.	Lbs Ea	EACH
109		67	18	$9.75

Finished in red or blue with polished brass band and brass wire.

NO.	Finish	Diam. In	Ht. In	Lbs. Ea.	EACH
111	Blue		67	18	$8 75
110	Red		67	18	8.75

Finished in green, ivory and red. No brass band as in above cages.

NO.	Finish	Diam Cage In	Ht. In.	Lbs. Ea.	EACH
112	Green		67	18	$8.50
113	Red		67	18	8.50
114	Ivory		67	18	8.50

ICE CREAM FREEZERS

Alaska Household Electric Freezers

Designed especially for family use, tea rooms or small clubs. Two brass screws holds the aluminum enclosed power unit to the gear frame, 110 volts A.C. or D.C., ½ h.p. universal type motor. Furnished complete with 10 ft. Tirex cord, switch and fusible plug.

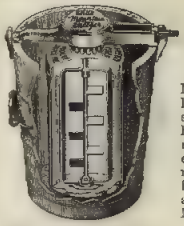
NO.	Sizes	Wt. Each	EACH
300	3 qt.	40 lb	$69.00
400	4 qt.	42 lb	70.00
600	6 qt.	45 lb	78.00
800	8 qt.	46 lb	90.00

One in a crate.

White Mountain—Hotel and Confectioners

A heavier freezer than the family, but not built for power application. Furnished with balanced fly wheel.

NO.	Capacity	Wt. Each	EACH
112	12 qt.	73 lb.	$27.55
115	15 qt.	81 lb.	31.60
120	20 qt.	97 lb.	40.60



White Mountain—Family Style

The new triple motion White Mountain Freezer embodies the latest and most scientific construction. The tubs are of correct height and diameter, resulting in minimum ice consumption. The cans are of best tin plate. The new form of beater retains the famous triple motion, an original and exclusive feature on White Mountain Freezers.

NO.	Capacity	Wt. Each	EACH
10	1 qt.	6 lb.	$ 4.85
12	2 qt.	13 lb.	5.65
13	3 qt.	14 lb.	6.75
14	4 qt.	16 lb.	8.25
16	6 qt.	23 lb.	10.45
18	8 qt.	27 lb.	13.50
20	10 qt.	29 lb.	18.00
22	12 qt.	48 lb.	21.55
24	15 qt.	54 lb.	25.60
26	20 qt.	61 lb.	33.20

Alaska

Cream can be frozen in from three to four minutes. Cranks furnished with each freezer. Hinged gear frame allows frame to be raised for removing can.

NO.	Capacity	lb Each	EACH
31	1 qt	6	$3.20
32	2 qt.	10	3.75
33	3 qt.	14	4.40
34	4 qt.	15	5.40
36	6 qt.	21	6 80
38	8 qt.	24	8.85

Alaska Graygoose

The Alaska Graygoose is the regular Alaska Freezer, finished in DeLuxe style, with gray enameled tub.

NO.	Capacity	lb Each	EACH
41	1 qt.	7	$3.60
42	2 qt.	11	4.20
43	3 qt.	15	5.00
44	4 qt.	16	6.15
46	6 qt.	23	7.80
48	8 qt.	26	10 10

G ICE CREAM FREEZERS

Arctic—Improved Family

A single motion machine, the can turns while the dasher remains stationary. The tub is made from white pine, chemically treated, rendering it waterproof and watertight; bound with wire hoops. The can is made of bright tin plate and all interior castings are heavily tinned.

NO.	Capacity	Wt. Each	EACH
1	1 qt.	5 lb.	$4.00
2	2 qt.	10 lb.	4.60
3	3 qt.	12 lb.	5.55
4	4 qt.	13 lb.	6.80
6	6 qt.	18 lb.	8.60
8	8 qt.	22 lb.	11.10
10	10 qt.	30 lb.	14.80

Cottage Special

Tub is of selected northern pine, welded wire hoops. The dasher of tinned cast iron adjustable wood scrapers. Can is of 3A charcoal tinplate, 3X double seamed bottom. Cover is of cast iron, tinned. Crank bolts to gear frame, has a revolving wood grip.

NO.	Capacity	Wt. Doz.	DOZEN
62	2 qt.	73 lb.	$38.50

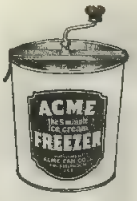
One-half dozen in a carton.

Pollyanna

The tub is of white pine, clear stock, water tight and bound with two electric welded hoops. Galvanized gear frame, copper steel tin plated can with tinned cast iron cover. Tinned cast iron beater with floats and equipped with two self-adjusting wood bars. Side crank very easily operated.

NO.	Capacity	Wt.	DOZEN
70	2 qt.	30 lb.	$30.50

Six freezers in a carton.



Acme

A simple, easy operating, efficient ice cream freezer that freezes perfectly and with great ice economy. The tub is made of galv. iron and the can is made of 3X tin.

NO.	Size	Finish	Wt. Doz.	DOZEN
02	2 qt.	White Enameled	40 lb.	$24.00
04	4 qt.	White Enameled	60 lb.	42.25
002	2 qt.	Galvanized	40 lb.	20.00

One-half dozen in a carton.

Junior or Toy

Single dasher, single motion, tinned castings, white pine tub, shellaced, three brass hoops. Made in one size only.

NO.	Capacity	Wt. Each	EACH
80	1 pt.	2½ lb.	$3.35

Auto Vacuum

Automatically freezes ice cream up to full capacity, firm, smooth, velvety, in forty-five minutes, without tiresome turning, cranking or other manipulation and contents remain frozen eight hours and longer

"Salt cannot get into ice cream." The cross section indicates the manner of protecting cream chamber contents from salt, ice and water

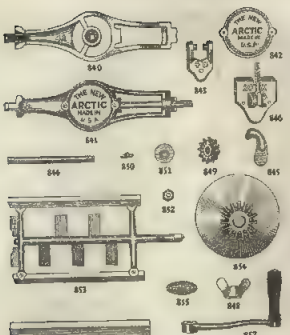
This freezer is used and endorsed by leading authorities and is a good seller. It is finished in lithographed white enamel, blue and gold labels and each freezer packed in individual wooden box.

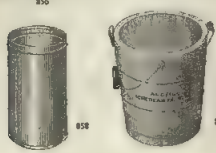
NO.	Capacity	Wt. Each	EACH
1	1 qt.	5 lb.	$3.50
2	2 qt.	6 lb.	4.00
3	3 qt.	8 lb.	5.00
4	4 qt.	10 lb.	6.00

Extra rubber washers for auto vacuum freezers.

NO.	DOZEN
1	$2.50
2	2.50
3	4.00
4	6.00

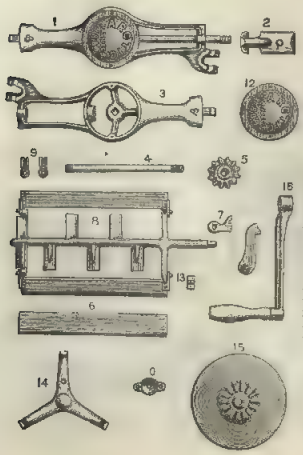
ICE CREAM FREEZER PARTS G





NEW STYLE FOR ARCTIC FREEZERS

NO.		Size of Freezers, in Quarts 1	2	3	4	6	8	10	12	15	20
840	Gear Case, Blank	$0 60	$0 80	$0 95	$1 10	$1.50	$1.60	$2 30	$3 25	$3.55	$4.70
841	Gear Case, Complete	1 15	1 30	1 50	1.60	2.05	2.35	3.00	5.00	5.90	7.75
842	Cap for Gear Case	18	.34	.34	.34	.68	.68	.68	1.05	1.05	1.18
843	Tub Ear next to Crank	.38	.38	.38	.38	.48	.48	.48	1.50	1.50	1.70
844	Driving Shaft	.20	.22	.28	.34	.50	.56	.64	1.02	1.10	1 22
845	Small Tub Hook Opposite Crank	14	.18	.18	.18	.18	.18	.18			
846	Large Tub Latch Opposite Crank								1.20	1.20	1 30
847	Special Bolt for large Tub Latch								.40	.40	.40
848	Wing nut for Latch Bolt								.22	.22	.22
849	Pinion Gear on Crank Shaft	.30	.34	.34	.34	.58	.58	.58	1.02	1.02	1.36
850	Can Lug	.10	.14	.14	.14	.14	.14	.14	.18	.18	.22
851	Dasher Support Inside of can	.18	.22	.22	.22	.28	.28	.28			
852	Small nut on Driving Shaft								.14	.14	.14
853	Mixer Complete with Scrapers	.32	.50	.68	.86	.96	1.10	1.56	2.58	2.70	4.16
854	Lid or can cover	.60	.75	.80	1.00	1.10	1.40	2.12	3.28	3.36	3.54
855	Iron Centerpiece in bottom of tub	.14	.16	.16	.16	.16	.16	.16	.30	.30	.36
856	Wooden Scraper Bar	.10	.14	.14	.14	.16	.16	.16	.28	.28	.42
857	Crank	.34	.50	.65	.65	.84	.84	.84	1.72	1.72	1.88
858	Can less Lid	.72	1.18	1.32	1 60	2 26	2 80	3.98	5 72	6.26	7.76
859	Tub with fittings	1.24	1.94	2.30	2.74	3 24	4.02	5.70	6.42	7.44	9.30
860	Can bottom, cast iron								2.50	2.70	2.96

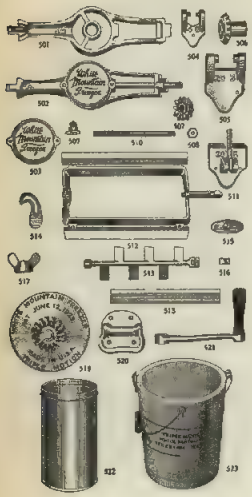


OLD STYLE FOR ARCTIC FREEZERS

NO.		Size of Freezers, in Quarts 1	2	3	4	6	8	10	12	15	20
101	Gear Frame, with Gears	$1.15	$1.30	$1.50	$1.60	$2.05	$2.35	$3 00	$5.00	$5.90	$7 75
102	Ear	.18	.22	.22	.22	.34	.34	.34	.56	.70	70
103	Gear Frame, without Gears	.80	.80	.95	1.10	1.50	1.60	2.30	3 25	3.55	4.70
104	Shaft	.20	.22	.28	.34	.50	.56	.64	1 02	1.02	1 22
105	Screw Gear	.18	.22	.22	.22	.34	.34	.34	1.02	1.02	1.28
106	Wood Scraper	.10	.14	.14	.14	.18	.18	.18	.28	.28	.28
108	Beater complete, with Woods	.32	.50	.68	.86	.96	1.10	1.58	2.58	2.70	4.16
109	Wood Scraper Holder	.10	.14	.14	.14	14	14	.14	.18	.18	.18
110	Center	.14	.18	.18	.18	.18	.18	.18	.34	.34	.34
112	Gear Cap	.18	.28	.28	.28	.38	.38	.38	.63	.65	.65
113	Can Stop	.10	.14	.14	.14	.14	.14	.14	.18	.18	.18
114	Can Socket	.18	.20	.22	.28	.54	.88	.42	.62	.62	...
115	Can Cover	.52	.76	.84	1.00	1.10	1.40	2 12	3.28	3.36	3.53
116	Crank	.34	.50	.65	.65	.84	.84	.84	1.30	1.30	1.30
117	Frame Latch	.14	.16	.16	.16	.16	.16	.16	.28	.28	.28
118	Cans, Without Cover	72	1.18	1 32	1 60	2.26	2.80	3.98	5.72	6.26	7 76

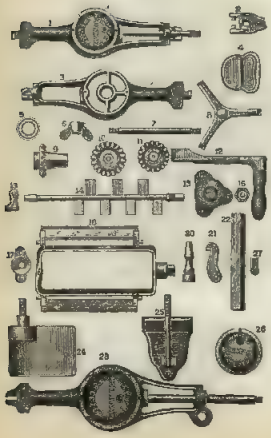
G

ICE CREAM FREEZER PARTS



NEW STYLE FOR WHITE MOUNTAIN FREEZERS

NO.		Size of Freezers, in Quarts 1	2	3	4	6	8	10	12	15	20
501	Gear Case, Blank	$0 60	$1.05	$1.15	$1.30	$2.20	$2.50	$2.80	$4.75	$5.10	$5 30
502	Gear Case, Complete	1.60	2.50	2 65	2.80	4.70	5.00	5.45	9.85	10 40	10.95
503	Cap for Gear Case	.18	.34	.34	.34	.68	.68	.68	1.05	1 05	1.18
504	Tub Ear next to crank	.22	.38	.38	.38	.48	.48	.48	..	.	. ..
505	Large Tub Ear	.....	..	..	. .			.	1 50	1.50	1.70
506	Upper Gear for Dasher Stem	.28	.50	.50	.50	1.04	1.04	1.04	1.70	1.70	3.30
507	Pinion Gear on Crank Shaft	.20	.34	.34	.34	.58	.58	.58	1.02	1.02	1.36
508	Small nut on Driving Shaft	.....	.....	.....	.....	.....	.....	.....	.14	.14	14
509	Dasher Support inside of can	.18	.22	.22	.22	.28	.28	.28	.....	.....	.....
510	Driving Shaft	.20	.22	.38	.34	.50	.56	.64	1.02	1.10	1.22
511	Large Tub Latch Opposite Crank	.....	.....	.....	.....			... .	1 20	1 20	1 30
512½	Special Bolt for Large Tub Latch	.....	....	.....	.....	.....	.....	.....	.40	.40	.40
512	Outer Mixer with wood scrapers	.52	.70	.88	1.06	1.46	1.75	2.30	2.65	2.82	3.70
513	Inner Mixer	.36	.42	.52	.64	.76	.98	1.42	1.94	2.12	2.46
514	Small Tub Hook Opposite Crank	.14	.18	.18	.18	.18	.18	.18	.....	. ..	.....
515	Iron Centerpiece in Bottom of Tub	.14	.18	.18	.18	.18	.18	.18	.30	.30	.36
516	Can Lug	.10	.14	.14	.14	.14	.14	.14	.18	.18	.22
517	Wing Nut for Latch Bolt	.....	..	.....	..	.. ..	..	..	.22	.22	.22
518	Wooden Scraper Bar	.10	.14	.14	.14	.18	.18	.18	.28	.28	.42
519	Lid or Can Cover	.60	.75	.80	1.00	1.10	1.40	2.12	3.38	3.38	3.58
520	Drop Handle, complete for Tub	.....	.....	.....	.....	.....	.....	.50	.50	.50	.65
521	Crank	.34	.50	.65	.65	.84	.84	.84	1.72	1.72	1.98
522	Can, less Lid	.72	1.18	1.32	1.60	2.26	2.80	3.98	5.72	6.26	7.76
523	Tub with fittings	1.24	1.94	2.30	2.74	3.34	4.02	5.70	6.42	7.44	9.30
524	Can bottom, cast iron	.....	.. ..	.....	.....	.....	.....	....	2.50	2.70	2.95



OLD STYLE
FOR WHITE MOUNTAIN FREEZERS

NO.		Size of Freezers, in Quarts 1	2	3	4	6	8	10	12	15	20	25
1	Gear Frame, with Gears	$1.60	$2.50	$2.65	$2.80	$4.70	$5.00	$5.45	$9.85	$10.40	$10.95	$14.70
2	Small Ear	.22	.38	.38	.38	.48	.48	.48	.	.	.	.
3	Gear Frame, without Gears	.60	1.05	1.15	1.30	2.20	2.50	2.80	4.75	5.10	5.30	6.70
4	Tub Handle	..	..	..	..	..	.	.40	.50	.50	.65	.65
5	Ring for Cover of Can	.14	.20	.20	.20	.20	.20	.20	.34	.34	.34	.48
6	Thumb Nut	..	..	..	..	..	..	..	.22	.22	.22	.22
7	Shaft	.20	.22	.28	.34	.50	.56	.64	1.02	1.02	1.22	1.68
8	Can Socket	.20	.22	.34	.34	.34	.50	.50	.68	.68	.68	1.18
9	Shank Gear	.28	.50	.50	.50	1.04	1.04	1.04	1.70	1.70	1.70	2.30
10	Tool Gear	.30	.34	.34	.34	.68	.68	.68	1.15	1.15	1.15	1.88
11	Screw Gear	.30	.34	.34	.34	.58	.58	.58	1.02	1.02	1.02	1.36
12	Crank	.34	.50	.65	.65	.84	.84	.84	1.72	1.72	1.72	1.98
14	Inside Beater	.30	.42	.52	.64	.78	.98	1.42	1.94	2.12	2.46	3.52
15	Large Center	..	..	..	..	..	..	..	.34	.34	.34	.34
16	Shaft Nut	..	..	..	..	..	..	..	.14	.14	.14	.14
17	Small Center	.14	.18	.18	.18	.18	.18	.18	..	..	..	..
18	Outside Beater	.52	.70	.88	1.06	1.46	1.76	2.30	2.65	2.82	3.70	4.58
20	Spindle	.18	.20	.20	.20	.50	.50	.50	.65	.65	.65	1.05
22	Wood Scraper	.10	.14	.14	.14	.18	.18	.18	.28	.28	.28	.42
24	Large Ear	..	..	..	..	..	..	..	1.70	1.70	1.70	1.70
25	Large Latch	..	..	..	..	..	..	..	1.30	1.30	1.30	1.30
26	Gear Cap	.18	.34	.34	.34	.68	.68	.68	1.08	1.08	1.08	1.18
27	Wood Scraper Holder	.10	.14	.14	.14	.14	.14	.14	.18	.18	.18	.20
28	Frame Latch	.14	.18	.18	.18	.18	.18	.18	..	..	..	..
30	Covers only	.52	.70	.84	1 00	1.10	1.40	1.66	1.80	2.28	2.60	3.56
31	Cans, With Cover	1.24	1.94	2.10	2.60	3.36	4.20	6.54	7.68	8.64	10.36	13.32

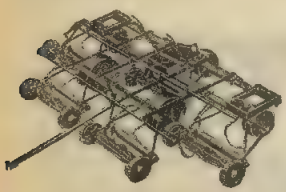
The Ideal Bulldog

3 and 5 Unit Gang Mowers
For Tractor and Horse Drawn Service

Designed for use on golf course fairways, parks, estates of large acreage and grounds of similar character.

Frame is of extra strong, reinforced angle steel, hinged for flexibility and mounted upon wide faced caster wheels which carry the assembly weight. Sturdy "Bulldog" Cutting Units attached to frame by side arms and are pushed beneath frame just as a hand mower is pushed. Cutting units free to move up and down to conform to ground irregularities. Will not bob or sway on side hills or in heaviest cutting. Tests prove that it can travel faster than any other gang mower and do good work.

Cutting units easily lifted completely off the ground. Mower turns easily, can be backed up, and cuts right up close to obstructions. Close-coupled, low-wheeled "Bulldog" Cutting Units insure years of service at minimum up-keep cost.



5-Unit Bulldog Mower
Tractor Hitch

Specifications—5-Unit (Tractor Hitch)

Width of Cut, Inches	138
Unit Width of Cut, Inches	30
Cutting Units	Bulldog Type H. C.
Net Weight, Pounds	1,727
Shipping Weight, Pounds	2,065
Price	$675.00
Extra each for additional cutting units	95.00

3-Unit Bulldog Mower
Tractor Hitch

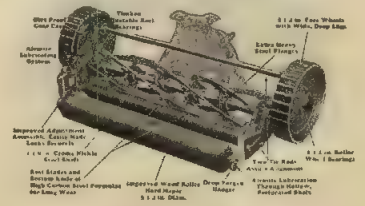
Specifications—3-Unit (Horse or Tractor Hitch)

Width of Cut, Inches	84
Cutting Units	Bulldog Type H. C
Net Weight, Pounds	1,070
Shipping Weight, Pounds	1 100
Price	$415.00
Extra each additional for cutting units	95.00

(Choice of tractor hitch, pole for team or thills for one horse.)

3-Unit Bulldog Mower
Horse Hitch

Used on over 1,000 Golf Courses Noted for Long Life and Low upkeep cost.

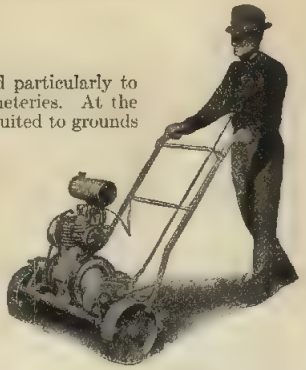


The Bulldog Cutting Unit
Simple Sturdy Construction

Ideal Power Lawn Mowers—Wheel Type

Ideal "Twenty-Five"

A Flexible Mower



The Ideal "Twenty-five" is a wheel type mower adapted particularly to the work on lawns having steep grades and for use in cemeteries. At the same time, it does a very smooth job of cutting and is well suited to grounds of any character.

It has ample power and the extra wide wheels provide sufficient traction to negotiate any grade that it is possible for any power lawn mower to climb—and it wades right through thick, heavy grass with ease.

With a capacity of from four to six acres per day, it is particularly suitable for medium size estates, parks, schools, colleges, cemeteries, etc., having lawns with steep grades. Power is applied to both drive wheels and cutting unit. Control levers conveniently placed.

Specifications

Power—4 cycle, air cooled engine.
Bore, 3 in.; stroke, 3¾ in.
Width Cut—25 in.

Speed—2 to 4 miles per hour.
Capacity—4 to 6 acres per day.
Width Wheels—3½ in.

Diameter Wheels—12 in.
Net Weight—310 lbs.
Shipping Weight—390 lbs.

Price..... $295.00
Extra for grass catcher..... 6.00

Ideal "Twenty"

A Sturdy Reliable Mower

Having a capacity of from 1 to 3 acres per day it is just the mower for use on any grounds too large to be conveniently cut with hand mowers. It handles as easily as a hand mower. A splendid outfit for cemeteries and trim up work in parks.

Thousands of home owners can afford this small "Twenty" who would not care to invest in the larger and more expensive power equipment. Home owners who do not relish the hard job of pushing a hand mower will welcome this reliable little machine.

Very easy to operate, having automobile type differential, and with clutch and throttle controls conveniently located on mower handle. Well balanced design and without exception the sturdiest small power mower ever built.

Specifications

Power—4 cycle, slow speed engine
Bore, 2¾ in.; stroke, 3 in.
Width Cut—20 in.

Speed—From 1 to 3 miles per hour.
Capacity 1 to 3 acres per day.
Width Traction Wheels—2½ in.

Diam. Traction Wheels—12 in.
Net Weight 245 lbs.
Shipping Weight 315 lbs.

Price..... $195.00
Extra for grass catcher..... 5.00

Ideal Power Lawn Mowers—Roller Type

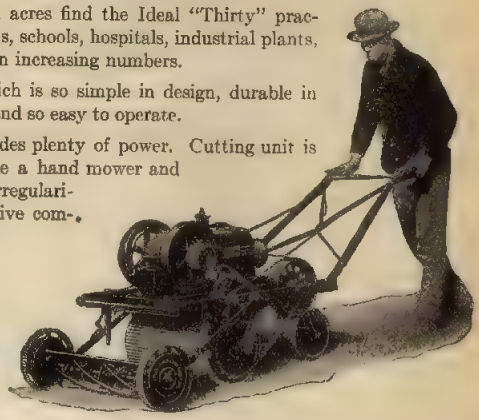
Ideal "Thirty"

It Rolls as it Cuts

Home owners with lawns of several acres find the Ideal "Thirty" practically indispensable—park departments, schools, hospitals, industrial plants, ball parks, cemeteries are using them in increasing numbers.

There is no other power mower which is so simple in design, durable in construction, dependable in operation and so easy to operate.

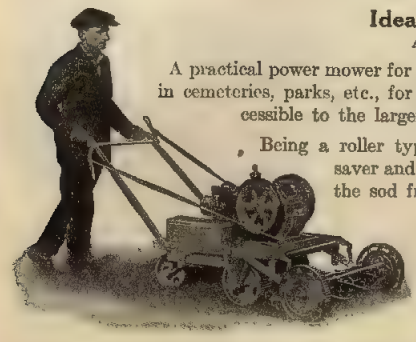
The slow-speed, 4-cycle engine provides plenty of power. Cutting unit is pushed ahead of the machine just like a hand mower and is so suspended as to conform to all irregularities. Two levers on steering handles give complete control.



Specifications

Power—4 cycle, slow speed engine. Bore, 4 in.; stroke, 4 in.
Ignition—Magneto.
Width Cut—30 in.
Speed—2¾ miles per hour.
Capacity—5 to 7 acres per day.
Width Roller—24 in.
Diameter Roller—14 in.
Net Weight—630 lbs.
Shipping Weight—800 lbs.

Price	$385.00
Extra for riding trailer	25.00
Extra for grass catcher	12.00



Ideal "Twenty-Two"

A Real Lawn Builder

A practical power mower for small and medium size lawns, also widely used in cemeteries, parks, etc., for trimming and cutting in narrow places not accessible to the larger mowers.

Being a roller type mower the "Twenty-two" is both a labor saver and a lawn builder as frequent lightrolling keeps the sod free from irregularities, smooth and vigorous.

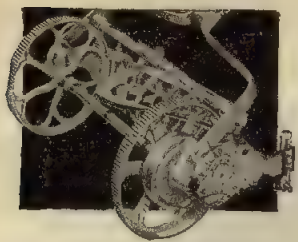
It is a simple mower that anyone can operate—it takes all the hard work out of mowing. Guides easily around trees, flower beds, etc. The reliable 4-cycle, air-cooled engine and Ideal "Bulldog" cutting unit assure years of service.

Specifications

Power—4 cycle, slow speed engine. Bore, 3¼ in.; stroke, 3¾ in.
Ignition—Magneto.
Width Cut—22 in.
Speed—3 miles per hour.
Capacity—3 to 4 acres per day.
Width Roller—17 in.
Diameter Roller—10 in.
Net Weight —430 lbs.
Shipping Weight—575 lbs.

Price	$265.00
Extra for grass catcher	9.50

Genuine Philadelphia Lawn Mowers



Style "A"

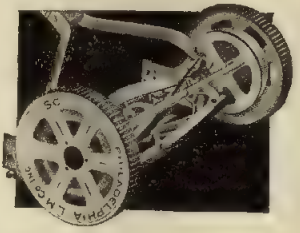
Five Chrome Steel Blades

10-in. Dia. Drive Wheels

6½-in. Dia. Cutters

Is the highest grade mower of its type on the market. It has triple-pawl ratchets in both wheels single train of gears, to insure lightness

Blade, inches	15	17	19	21
Price, each	$30.00	$34.00	$38.00	$42.00



Style "SC"

Four Crucible Steel Blades

9-in. Dia. Drive Wheels

5½-in. Dia. Cutters

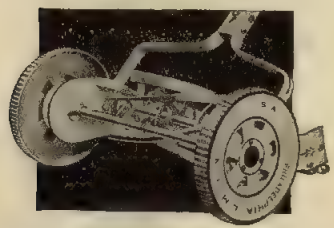
Is a new pressed steel mower, built for that class of trade requiring a mower for ordinary household use. It is 95% unbreakable It is light and easy running

Bearings, non adjustable ball; gearing, double direct

Blade, inches	15	18
Price, each	$32.00	$36.00

Style "SA"

Pressed Steel, 10-in. Dia. Wheels, Radial Ball Bearings Throughout

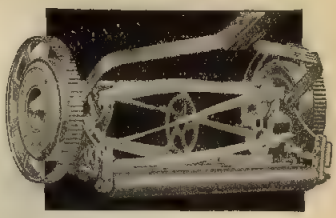


5 Blade 6½ inch Diameter Cutter Double Train Gearing

The highest grade Lawn Mower made Oil tight, dust proof gear cases. Triple roller, clutches eliminate noise and high cutter speed insures a smooth uniform lawn surface.

Blade, inches	15	18	21
Price, each	$30.00	$36.00	$42.00

Style "K"

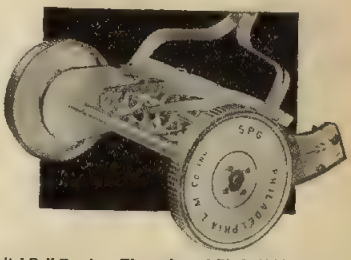


5 Blade 6½ in. Diameter Cutter 10-in. Diameter Drive Wheels

Is made to meet the demand for a light weight, high grade mower

Blade, inches	14	16	18	20
Price each	$24 00	$26.00	$28.00	$30.00

Style "S.P.G."



Radial Ball Bearings Throughout 8 Blade 6½ in. Diameter Cutter

Especially designed for mowing Golf Greens, Tennis Courts and Fine Lawns. The lightest, easiest running, quietest and most dependable Lawn Mower made

Blade, 18 in Price, each. . . . $50.00

Lawn Trimmer

Plain Bearings

8-in. Dia. Drive Wheel 4 Blade

5½-in. Dia. Cutter

Is the most efficient ever built. It is a half-portion of one of our higher grade mowers. Designed to mow close to trees, fences, etc., where a standard size mower cannot be used.

Blade, inches	6
Price, each	$15.00

D 10

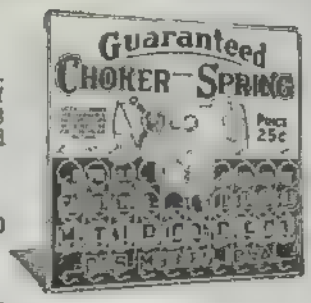
VACUUM SYSTEM REPAIR PARTS

FOR STEWART WARNER VACUUM TANKS

	Per Doz
No. A-3830—Cover Gasket—used on Models 113, 116, 122, 127, 138 and 143	$0 93

CARBURETOR CHOKER SPRINGS

FOR "MODEL T" FORD CARS



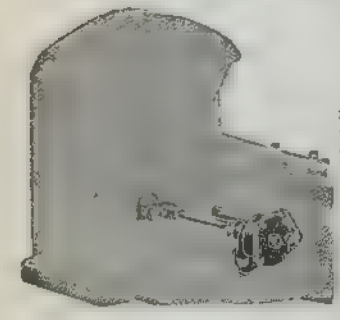
Extra quality spring wire. Designed for quick release of choker. Length over all 3 inches.

	Per Card
No. A-14—14 springs mounted on counter display card 9x7 ins; wt each ½ lb	$3 30
No. A-30—30 springs mounted on counter display card 12x10½ ins; wt each 1¼ lbs	6 00

One card in carton.

WATER CIRCULATING PUMPS

MILWAUKEE
FOR "MODEL T" FORD CARS
Blue Bird.



Cast iron frame, blue enameled. ½ inch steel rod through center of frame with 2½ inch steel pulley for operating with fan belt.

Attach to side of motor block for circulating and keeping water cool in Ford engine, with steel lubricating cap and adjusting screw with lock nut for attaching horn, with fan belt. Length 14½ inches.

	1925 and earlier Models	1926-27 Models
Nos.	A-550	A-551
1 to 5, Each	$9 56	9 56
6 or more, Each	8 82	8 82

One in carton; wt each 6 lbs.

ATLAS CENTRIFUGAL, FOR "MODEL T" FORD CARS

Cast iron frame and pump; grey enameled. Phosphor bronze bushings on each side of impellor. Bronze thrush washer. Large bronze packing nut and adjustable pulley. Easily attached to motor block, driven by regular fan belt. Keeps the engine cool. Diam impeller 3 inches.

	A-F
No.	
1 to 11, Each	$9 00
12 or more, Each	8 10

One in carton; wt each 7 lbs.

AUTOMOBILE CLOCKS

WESTCLOX

For Mounting On Any Car Above Windshield Or On Instrument Board.

30 hour movement, stem wind and set. Steel case and bezel, nickel plated and highly polished. Furnished with wood screws and bolts for mounting on windshield frame or instrument board. Diameter face 2 inches; diameter over all 2½ inches.

Note—On orders for 6 or more a richly colored 11x14 inch metal display stand is given free showing the actual clock mounted in both positions.

	Plain Dial	Luminous Dial
Nos.	A-PD	A-LD
Each	$4 95	6 90

One in cardboard box; wt each ½ lb.

AUTOMOBILE AMMETERS

Nickel plated flange; black japanned scale board with white enameled raised letters and figures. Vibration will not effect reading of the instrument. When motor stops, indicator hand returns to zero.

Standard range 20-0-20.

FOR "MODELS T AND A" FORD CARS

	A-FTC
No.	
Diam case, ins	3
1 to 9, Each	$1 35
10 or more, Each	1 20

One in cardboard box; wt each ½ lb.

MOTO-METERS

BOYCE, New Midget Model.

Black dial, polished nickeled frame; beveled crystals both front and rear. Especially designed for use on small cars. Complete with necessary washers and nut for attaching.

Diameter 2¼ inches; height over all 4¼ inches.

No.	A-11M
1 to 9, Each	$6 99
10 to 49, Each	6 30
50 or more, Each	6 00

One in cardboard box, 10 in carton; wt each ¼ lb.

BOYCE, New Midget Model, Bearing Special Name Plates.

Black dial, polished nickel frame; beveled crystals both front and rear. Especially designed for use on small cars. Complete with necessary washers and nut for attaching. Diameter 2¼ inches; height over all 4¼ inches.

	Chevrolet	Ford
Nos.	A-50MC	A-54MF
1 to 9, Each	$6 99	6 99
10 to 49, Each	6 30	6 30
50 or more, Each	6 00	6 00

One in cardboard box, 10 in carton; wt each ¼ lb.

MOTO-METERS

BOYCE, Junior Model.

Nickel plated and polished brass frame with gold dial and gold lettering. Beveled crystals both front and rear, retaining rings embossed with laurel wreath design.

The temperature range is from 32 degrees freezing to 212 degrees boiling, thermometer tube is protected against breakage by two metal ribs.

Complete with necessary washers and nut for attaching. Diameter 2½ inches; height over all 4½ inches. With 1928 Chevrolet trade name.

No.	A-7JM
1 to 9, Each	$9 99
10 to 49, Each	8 10
50 or more, Each	7 71

Without special car design name plate.

No.	A-8JM
1 to 9, Each	$9 99
10 to 49, Each	8 10
50 or more, Each	7 71

One in slide top wood box; wt each ½ lb.

BOYCE
Universal Model without Special Name Plate.

Black dial, polished nickeled frame; beveled crystals both front and rear. Complete with necessary washers and nut for attaching. Diameter 3 inches; height over all 5 inches.

No.	A-9UM
1 to 9, Each	$15 00
10 to 49, Each	13 50
50 or more, Each	12 84

One in cardboard box; wt each 12 ozs.

BOYCE, Standard Model.

A perfect heat indicating instrument of the highest type. Because of its perfection of workmanship, this model has been selected as regular equipment on many of the leading cars. Nickel plated. Has a retaining ring embossed in laurel wreath design and a gold dial with hand lettering denoting various operating conditions of motor.

Dimaeter 3⅜ inches; height over all 5½ inches.

No.	A-6NSM
1 to 9, Each	$20 01
10 to 49, Each	18 00
50 or more, Each	17 10

One in cardboard box; wt each 1¾ lbs

MODEL S, For Steering Column Mounting.

Provided with an attractively designed bracket which clamps around steering post of practically all makes of cars, holding it firmly in place and in full view of driver.

A special type of bulb fitting is provided, which can be easily installed in the outlet rubber hose. A miniature electric bulb placed behind the dial of this instrument provides illumination for night driving.

Especially designed for test work, where the thermo-syphon system of cooling is employed. Complete with 7 feet of tubing.

No.	A-S
1 to 9, Each	$24 99
10 to 49, Each	22 50
50 or more, Each	21 39

One in cardboard box; wt each 1¾ lbs

MOTO-METERS

BOYCE, RADIO MODEL
Designed For Mounting On Radiator Cap Of All Makes Of Cars.

Unique design, embodies both ornamentation and utility. Its beauty is enhanced by the use of clear crystals and a silhouette dial which lends a transparent effect that is unusual. Lighted by a radio pilot bulb concealed at the top of instrument giving a soft, yet concentrated light on the indicator tube, which gives a constant check on motor condition at night. Size 2¾x5¾ inches.

No.	A-FCRM
Less than 10, Each	$12 99
10 to 49, Each	11 70
50 or more, Each	11 13

One in carton; wt each 18 ozs.

BOYCE, RED BALL MODEL F S. FOR MODEL "A" FORD CARS
For Steering Column Mounting. Illuminated.

Silver dial with inscription "made for the Model "A" Ford Car" in color, together with the special black enamel finish on the mounting arm, add a distinctive note.

No.	A-FS
Less than 10, Each	$17 01
10 to 49, Each	15 30
50 or more, Each	14 55

One in carton; wt each 2 lbs

BOYCE, RED BALL MODEL C L. FOR CHEVROLET CARS
For Dashboard Mounting. Illuminated.

The silver dial with special Chevrolet nameplate in color, adds a distinctive touch of beauty. Being illuminated by a regular tail light bulb placed within the instrument it flags attention day and night. The green spot on the dial indicates proper motor temperature, but when overheating developes the red ball flashes its unmistakable warning.

No.	A-CL
Less than 10, Each	$15 99
10 to 49, Each	14 40
50 or more, Each	13 68

One in carton; wt each 1 lb.

BOYCE, RED BALL MODEL C S. FOR CHEVROLET CARS
For Steering Column Mounting. Illuminated.

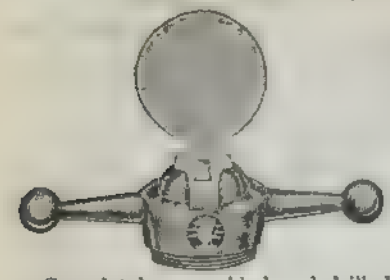
The silver dial with the Chevrolet nameplate in color, together with the special black enamel finish on mounting arm adds a distinctive note. A regular tail light placed within the instrument provides illumination for temperature reading at night. The green or red ball tells at a glance the thermal condition of motor.

No.	A-CS
Less than 10, Each	$17 01
10 to 49, Each	15 30
50 or more, Each	14 55

One in carton; wt each 2 lbs.

RADIATOR CAPS

KEYSTONE JUNIOR, SELF LOCKING



White metal, nickel plated and highly polished; steam and water tight. Rustproof will not stick or freeze, permanently theft proof. Hinged cover to which motor-meter is securely locked by means of a special slotted disc washer, tilts backward for easy radiator filling.

Completely assembled and drilled for universal or standard motor-meters. For this size stem use 5/8 inch lock washer and for Junior Moto-Meters the adapter and 7/16 inch lock washer as applied with each cap.

No insert required, length over all 6½ inches.

PRICES DO NOT INCLUDE MOTO-METERS

	Each
No. A-354—For "Model A" Ford cars	$6 00
No. A-355—For 1928 Whippet Overland cars	7 80

KEYSTONE SELF LOCKING

White metal, nickel plated and highly polished; steam and water tight. Rustproof will not stick or freeze, permanently theft-proof. Hinged cover to which moto-meter is securely locked by means of an insert which turns freely in the opposite direction.

EAGLET

Assembled complete with cover drilled for universal standard model moto-meters. For this size stem use 5/8 inch lock washer and for Junior Moto-meters the adapter and 7/16 inch lock washer as supplied with each cap.

Length over all 18 inches.

PRICES DO NOT INCLUDE MOTO-METERS

	Each
No. A-25—For 1928 Chevrolet	$7 80
No. A-28—For "Model A" Ford	7 80
No. A-30—For 1928 Whippet Overland	6 00

One in cardboard box; wt each 2 lbs.

EAGLE

Note—When ordering specify make, model and year of car. Length over all 10½ inches. Covers drilled for universal or standard Moto-Meters.

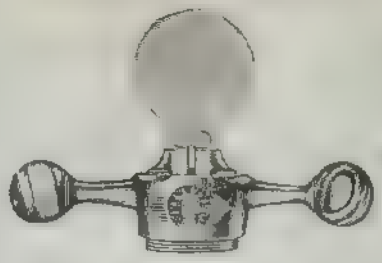
	Each
No. A-20—For all cars except Fords, Gray, Star, Chevrolet and Essex, complete with insert	$11 85

	Each
Extra Insert (Specify make, model and year of car)	$2 55

One in cardboard box; wt each 2½ lbs.

RADIATOR CAPS

KEYSTONE SELF LOCKING WITH ONYX KNOBS



White metal, nickel plated and highly polished. Steam and water tight. Rust-proof will not stick or freeze, permanently theft-proof Meter is securely locked by means of a slotted disc which turns freely in the opposite direction.

Prices do not include Moto-Meters.

JUNIOR

Drilled for universal or standard Moto-Meters. For this size stem use 5/8 inch lock washer and for Junior Moto-Meters the adapter and 7/16 inch lock washer as supplied with each cap.

	Each
No. A-31—For 1928 Chevrolet; length 8 ins	$12 75
No. A-29—For "Model A" Ford cars; length 8 ins	12 75

One in cardboard box; wt each 2 lbs.

ROYAL

Wing Type. Wreath Design Latch.

Cast metal, nickel plated and highly polished; steam and water tight. Locks on the radiator neck with a set screw and is absolutely theft proof. Hinged cover permits easy filling of radiator and opens by spring clamp. Cover drilled for Junior or Midget Moto-Meter.

Junior Size.

Fits the following cars:

Chrysler and earlier	Whippet, 1928 and earlier
Flint Jr., 1926	Willys-Knight 1928 and earlier
Maxwell	Overland.

	Each
No. A-1223—Width 6⅜ ins	$4 95

One in cardboard box; wt each 1¼ lbs.

Senior Size.

Length over all 7⅜ inches.	Each
No. A-1348—Fits 1928 Chevrolet	$5 70
No. A-1347—Fits "Model A" Ford	5 70

One in cardboard box; wt each 2 lbs.

FOR "MODEL A" FORD

Artistic Wing Design.

White metal, nickel plated and highly polished. Steam and water tight. Locks on the radiator and is absolutely theft-proof. Hinged cover permits easy filling of radiator and opens by spring clamp.

Complete with accessories for installing including pin for locking cap to radiator and theft-proof washer for protecting Moto-Meter cover. Drilled for Junior or Midget Moto-Meter.

	Each
No. A-A—Length over all 6¼ ins	$4 35

One in cardboard box; wt each ½ lb.

D 16

RADIATOR CAPS

SUPERB

Brass, nickel plated, highly polished. Fits Chevrolet, Star, Essex and Oldsmobile cars.

No.	A-10A
1 to 11, Each	$1 95
12 or more, Each	1 80

One in cardboard box; wt each ½ lb.

THOMSON WITH ONYX BALLS

Locking Type.

Solid brass throughout, heavily nickel plated and polished; genuine imported onyx balls matched as to color and pattern as near perfect as possible.

For Chevrolet Cars Up To and Including 1927 Model.

No.	A-3066C
Length, ins.	8
1 to 11, Each	$10 50
12 or more, Each	10 20

One in cardboard box; wt each 1½ lbs.

RADIATOR ORNAMENTS

SPEEDPLANE

(No A-1930)

Nickel plated and highly polished aluminum propeller, mounted on ball bearings. Constructed with miniature aeroplane type cylinders around the sides, a facsimilie to that of a real aeroplane. By attaching one, two or three on front of radiator, gives it the resemblance of a single, double or trimotored plane. Propeller revolves at great speed when car is in motion. Length over all 7½ inches.

	Each
No. A-1930—For mounting on radiator cap	$3 30
No. A-1931—For mounting on front of radiator	3 30

One in cardboard box; wt each ½ lb.

GEAR SHIFT BALLS

GENUINE ONYX

Round, genuine Pedrara Onyx, highly polished. Mined from the famous California Onyx Region. Adds to the attractiveness of car and is much better to handle than the ordinary iron or composition ball regularly furnished on cars. Designed to fit cars shown in chart below. Diameter 1 13/16 inches.

Nos.	A-1	A-2	A-3	A-4	A-5	A-6	A-7
Each	$2 40						
Nos.	**A-8**	**A-9**	**A-12**	**A-16**			
Each	$2 40						

10 in cardboard box; wt each 6 ozs.

IMITATION ONYX

Round, highly polished, rich in colorings that add beauty to inside of car and greatly adds to the efficiency of shifting gears. Holds its lustre and finish permanently, will not corrode or discolor. Diameter 1 13/16 inches.

Nos.	A-0	A-01	A-03	A-07	A-010	A-015	A-016
Each	$0 81						

One doz in cardboard counter display box; wt each 5 ozs.

CHART FOR GEAR SHIFT BALLS

CAR	Gear Shift Ball Nos.
Ajax	A-3,A-01
Auburn 25 and earlier	A-7
Auburn 26 and later	A-3 A-01
Buick	A-1 A-0
Cadillac	A-5,A-07
Chandler 27, Standard Nos 31 and Special 43	A-07
Chandler, Big 6	A-3
Chandler Royal 8 and 8	A-5
Chevrolet, 26 and earlier	A-1,A-0
Chevrolet, 1927 and later	A-3,A-01
Chrysler Six to 1928	A-6,A-016
Chrysler Four	A-2
Chrysler 1928 all	A-2
Dodge	A-3,A-01
Durant	A-1,A-02
Erskine	A-3,A-01
Essex	A-4,A-03
Falcon Knight	A-3 A-01
Ford "Model A"	A-9,A-010
Ford, Prefection Axle	A-3
Franklin	A-5,A-07
Gardner	A-3
Gray	A-3
Hudson Super Six	A-4 A-03
Hupmobile Four	A-2
Hupmobile Eight	A-10 A-015
Jewett, 24 and later	A-3 A-01
Jordan Line 8	A-3
Jordan Gt. Line 8	A-10 A-015
Jordan 6 and 8, Model R	A-3
Lincoln	A-3 A-01
LaSalle	A-5 A-07
Little Marmon	A-7
Marmon	A-18
Marmon 1928	A-3
Maxwell	A-2
Moon, 25 and later	A-3
Moon 24-658	A-2
Nash	A-3,A-01
Oakland, 24 to 28	A-3,A-01
Oldsmobile, 488	A-1 A-01
Oldsmobile Six	A-3
Overland	A-3,A-01
Packard, 6 and 8	A-7
Paige 24 and later	A-3,A-01
Peerless 1928	A-1
Pierce Arrow, Series 36	A-5 A-07
Pierce Arrow, Little Six Ser. 80	A-2
Pontiac	A-1
Pontiac, 1928	A-3,A-01
Reo	A-2
Star 4 and 6	A-10,A-015
Star, 1928	A-9
Stearns-Knight	A-1
Studebaker, 25 and later	A-9,A-010
Stutz 25 and 26, 694-695	A-8
Stutz 24, 690	A-6
Stutz 26, AA 8 and 1928	A-10
Whippet	A-3 A-01
Willys Knight	A-3 A-01
Wolverine	A-3 A-01

GASOLINE TANK CAPS

Aluminum, knurled edge with heavy cork gasket to insure a tight joint. Used as a replacement cap on the following cars:

Auburn	1923-27	Oakland	1928
Buick	1924-28	Oldsmobile	1927-28
Chandler	1924-27	Paige	1927
Chevrolet	1926-28	Peerless	1925-27
Chrysler	50-52	Pontiac	1927 28
Dodge	1927-28	Reo	1927-28
Erskine	1927-28	Star	to 1926
Graham Truck	1926-27	Studebaker	1928
Jordan	L & K	Velie	1924-27
Kissel	1924-27	Wolverine	1928
Nash	1925-28		

	Per 100
No. A-10—Wt per 100, 5½ lbs.	$26 40

100 in carton.

OFFICE AND LIBRARY HANGING CLOCKS

All Cases are Solid Wood, Hand Rubbed, Duco Finish. No Veneers are Used.

SATURN
Height, 35 in. Width, 15½ in.
12 inch White Dial, Solid Oak Case
Pendulum Movement
8 Day Time $32.00
8 Day Time Weight 43.85

12 INCH GALLERY
Width, 15 inches. 12 inch White Dial. Solid Oak Case of Octagon Design. 8 Day Pendulum Movement $14.65

REFEREE
Height, 38½ in. Width, 16 in.
12 inch White Dial, Solid Oak Case
8 Day Time $17.60
8 Day Half-hour Strike 20.80

12 INCH BALCONY
Width, 14½ inches. 12 inch Dial. Oak or Mahogany Finish.
8 Day Pendulum Movement $15.35

MARINO
Height, 26 in. Width, 11 in.
8 inch Square Silvered Dial, Revolved Glass Panels, Mahogany Finished Case. 8 Day Half-hour Strike Cathedral Gong $28.50

12 INCH DROP OCTAGON
Height, 21½ in. Width, 15 in.
12 inch White Dial, Solid Oak Case
8 Day Time Movement $13.10
8-Day Strike Movement 15.35

MARAVIA
Height, 27½ in. Width, 16 in.
12 inch Antique Dial. Ornate Hands. Polished Solid Mahogany Hand Carved Case
8-Day Pendulum Time Piece $58.75

NEW HAVEN CLOCKS

EIGHT-DAY JEWELED DESK AND BOUDOIR CLOCKS

All Cases Are Solid Wood, Hand Rubbed, Duco Finish. No Veneers Used.

"ADAM" NO. 1

Height, 8¾ inches. Width, 8 inches. 8 Day Jeweled Movement. 3½ inch Solarchrome Dial, Convex Crystal, Green Pastel Carved Easel Case. Hand Colored ... **$23.10**

"ADAM" NO. 2

Persian Solarchrome Dial, Otherwise same as above.

"QUAINT"

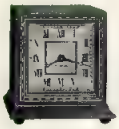
Height, 6½ inches. Width, 5¼ inches. 3½ inch Oval Dial. Raised Numerals. 8 Day Jeweled Movement. Antique Mahogany with Dark Panels **$16.20**

"ADAM" NO. 4

Height, 8¾ inches. Width, 8 inches. 8 Day Jeweled Movement. 3½ inch Solarchrome Dial, Convex Crystal. Rev. Pastel Carved Easel Case. Hand Colored .. **$23.10**

"ADAM" NO. 3

Parquet Solarchrome Dial, Otherwise same as above.



"HOBBY"

Height, 3¾ inches. Width 3½ inches. 8 Day Movement. 2½ inch Silvered Dial. Inlaid Antique Mahogany **$10.00**

"QUEDA"

Height, 5⅞ inches. Width, 12¾ inches. Antique Mahogany 3½ inch Silvered Dial, Skeleton Hands. Reliable 8 Day Jeweled Movement **$16.20**

"HAZEL"

Height, 4¾ inches. Width, 3½ inches 2½ inch Gothic Silvered Dial. 8 Day Movement. Antique Mahogany with Gold Stripe **$10.00**

"SQUARE BOUDOIR"

Height, 7¼ inches. Width, 7¼ inches. Antique Mahogany, Black Panels, Raised Numerals. 3½ inch Silvered Dial. 8 Day Jeweled Movement **$23.10**

"QUALITY"

Height, 5¾ inches. Width, 5¼ inches. 3½ inch Square Dial. Raised Numerals. 8 Day Jeweled Movement. Antique Mahogany **$16.20**

"GOTHIC BOUDOIR"

Height, 7¼ inches. Width, 7¼ inches. Antique Mahogany, Black Panels. Raised Numerals. 3½ inch Silvered Dial. 8 Day Jeweled Movement **$23.10**

ALL CASES SOLID WOOD WITHOUT VENEER, DUCO FINISHED, HAND RUBBED.

NEW HAVEN CLOCKS

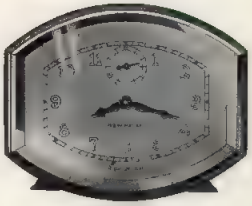
DRESSER AND NOVELTY CLOCKS

"MOROCCO"

Dependable 8 Day Jeweled Movement in Handsome Leather Folding Traveling Case. Stem Wind, Stem Set. Silver Enamel Radium Dial. Covex Crystal. Visible Regulator. Green, Pink, Blue, Tan or Black $23.10

"ROVENA"

Height, 4 inches. Width 3½ inches. Dependable 8 Day Movement. Metal Case with 8 Pcd. Sash. Silvered Dial with Second Hand. Beveled Convex Crysta. Case Finished in a Rich French Bronze $12.40



"FAYETTE"

Height, 2½ inches. Width, 3½ inches. Dependable 8 Day Jeweled Movement. Silvered Metal Case with Easel Rest. Beveled Glass Crystal. Silvered Dial with Radium Hands and Numerals $23.10

"AIGRETTE"

Height 3" inches. 40 Hour Movement. 2 inch Dial. Rose Numerals. Time Piece. Plating. Finished in Pearl, Blue, Pink or Green Bowed Crystal $3.60

"TIP TOP TRAVELER"

Height 4 inches. Silvered Radium Dial. Second Hand. Pull Out Set. Stem Wind, Nickel Plated Octagon Case. Bowed Crystal $5.25

"ELDORE"

Height, 2½ inches. Width 2½ inches. Dependable 40 hour Movement. Metal Case of Attractive Design. Bowed Brass Front. Crystal. White Dial. Pastel Colors, Rose, Green or Blue. $3.00

"ESTELLE"

Height, 2¾ inches. Width 2½ inches. Dependable 40 hour Movement. Metal case of Gothic Design. Bowed Brass Front. Crystal. White Dial. Pastel Colors, Rose, Green or Blue. $3.00

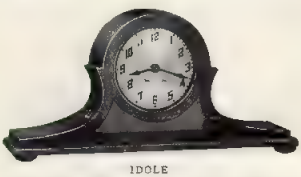
"ICOT."

Height, 3½ inches. Width 3 inches. Moulded Case, 2½ inch Silvered Dial. 30 hour Movement. Mahogany Finish.

Time $5.85
Alarm, Silvered Dial $7.30
Alarm, Radium Dial $8.50

"IOTA"

Height 2 inches. Width 5½ inches. 40 Hour Movement. 2 inch Silvered Dial. Rose Numerals. Mahogany Finish or Walnut Moulded Case $4.60



"IDOLE"

Height 4 inches. Width 8 inches. Mahogany Finished Case with Fret Trim. Panels.

Time $5.85
Alarm, Silvered Dial $7.30

"IBIS"

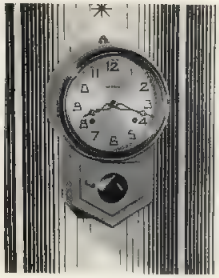
Height 4 inches. Width 8 inches. Mahogany Finished Case with Fret, Toned Panels.

Time, Silvered Dial $5.85
Alarm, Silvered Dial $7.30

NEW HAVEN WALL AND HANGING CLOCKS IN COLORS

MANOR

Height 11½ inches, width 7 inches. 8 inch Silvered Dial. 8 day Pendulum Time and Strike. Pastel Colors Rose, Yellow Blue, Green or White. Strike
List $16.20
List, Timepiece 13.10



LACONA

Height 9" inches, Width 6½ inches. Convex Crystal. 7" inch Cream Colored Dial. 8 day Lever Timepiece Movement with Steel Cut Pinions. Mahogany Finish or Pastel Pastel Colors, Rose, Yellow Green, Blue or White.
List $9.25

All Cases Are Solid Wood, Hand Rubbed, Duco Finish. No Veneers Used.

KITCHENETTE

Width 4½ inches, 3½ inch Silvered Dial with Raised Numerals. 8 day Jeweled Lever Movement. Convex Crystal. Pastel Colors Rose, Blue, Green, Yellow or White
List $12.65

LUCERNE

Height 10½ inches, Width 10 inches. Convex Crystal. 8 inch Cream Colored Dial. 8 day Timepiece Movement with Steel Cut Pinions. Pastel Design. Pastel Colors Rose, Yellow Blue, Green or White
List $9.25

MADENA

Height 18½ inches. Width 11½ inches. 8 day Antique Pedestal Solid Mahogany Finish. Fancy Lyre Base. Cut Open pierced Scroll Ornaments. Bone arc. Hour Roof Strike
List $51.45

LAWEN

Width 7¾ inches, 6¾ inch Silvered Dial. 8 day Jeweled Lever Movement. Convex Crystal. Pastel colors, Rose, Blue, Green, Yellow, White or Mahogany Finish
List $12.65

LARINA

Width 8½ inches, 6½ inch Cream Color Dial. 8 day Convex Crystal. 8 day Lever Timepiece Movement with Steel Cut Pinions. Pastel Colors, Rose, Yellow, Blue, Green or White
List $8.50

OLD HICKORY FURNITURE

"Old Hickory" for many years has proven much in demand because of its sturdiness and attractive rustic appearance. Formed of carefully selected, sanded hickory saplings and woven pliant, durable weaving strips.

CHAIR

Seat 18x16 inches; height from seat to top of back 22 inches.

Each

No. 24 — Tahitai golden peal cane seat.....$10 80

Two in bdle; wt each 21 lbs.

ROCKER

Seat 18x16 inches; height from seat to top of back 22 inches.

Each

No. 25—Tahitai golden peal cane seat. .$12 75

Two in bdle; wt each 21 lbs.

SETTEE—Seat 38x16 inches; height back 18 inches. Each
No. 110—Tahitai golden peal seat; wt 34 lbs $24 00

CHAIR

Seat 18x16 inches; height from seat to top of back 20 inches.

Each

No. N20—Tahitai golden peal cane seat.....$9 90

Two in bdle; wt each 20 lbs.

ROCKER

Seat 18x16 inches; height from seat to top of back 20 inches.

Each

No. N21—Tahitai golden peal cane seat.....$12 45

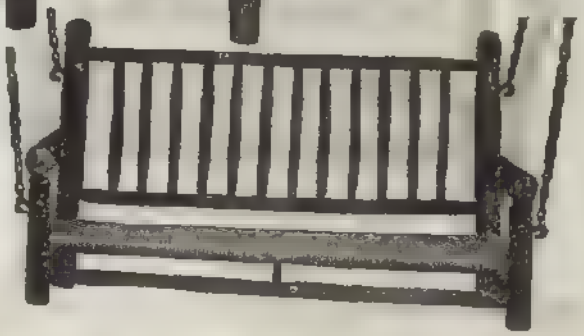
Two in bdle; wt each 21 lbs.

TABLE

Each

No. 198—Round oak top 30 inches in diameter; height over all 30 inches..$33 75

One in bdle; wt each 40 lbs.



SWING—Seat 48x18 ins; height back 20 inches. Each
No. 264—Tahitai golden peal cane seat; wt 86 lbs . $24 00

OLD HICKORY FURNITURE

Formed of carefully selected, sanded hickory saplings and woven pliant, durable weaving strips. This handsome rustic furniture fills every demand for comfortable outdoor furniture.

CHAIR

Seat 18x16 inches; height from seat to top of back 23 inches.

Each

No. 8 — Tahitai golden peal cane seat and back.. $15 75

One in bdle; wt each 21 lbs.

ROCKER

Seat 18x16 inches; height from seat to top of back 23 inches.

Each

No. 9 — Tahitai golden peal cane seat and back.. $18 00

One in bdle; wt each 21 lbs.

SETTEE

Seat 38x16 inches; height from seat to top of back 15 inches.

Each

No. 104—Tahitai golden peal cane seat and back..... $33 00

One in bdle; wt each 30 lbs.

CHAIR

Seat 17x15 inches; height from seat to top of back 20 inches.

Each

No. 32—Tahitai golden peal cane seat and back..... $18 00

One in bdle; wt each 17 lbs.

ROCKER

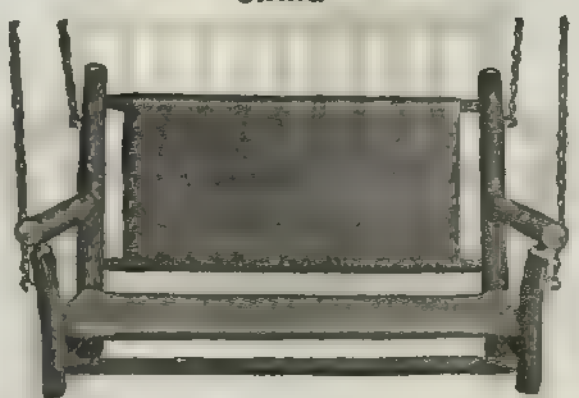
Seat 17x15 inches; height from seat to top of back 20 inches.

Each

No. 33—Tahitai golden peal cane seat and back..... $20 25

One in bdle; wt each 17 lbs.

SWING



Seat 48x18 inches; height from seat to top of back 21 inches. Complete with four 8 foot chains.

Each

No. 300-4—Tahitai golden peal cane seat and back... $33 75

One in bdle; wt each 58 lbs.

Sturdy hickory frames, shaped roomy seats and backs, dressy natural varnish stain, very durable. This handsome rustic furniture fills every demand for comfortable outdoor furniture.

CHAIR

Seat 17x20 inches; height from seat to top of back 22 inches.

Each
No. 34SV—Weight each 23 lbs..... $18 00
One in bdle.

ROCKER

Seat 17x20 inches; height from seat to top of back 22 inches.

Each
No. 35SV—Weight each 23 lbs..... $21 00
One in bdle.

SETTEE

Seat 40x20 inches; height from seat to top of back 22 inches.

Each
No. 144SV—Weight each 40 lbs..... $36 75
One in bdle.

SWING

Seat 48x20 inches; height from seat to top of back 22 inches.

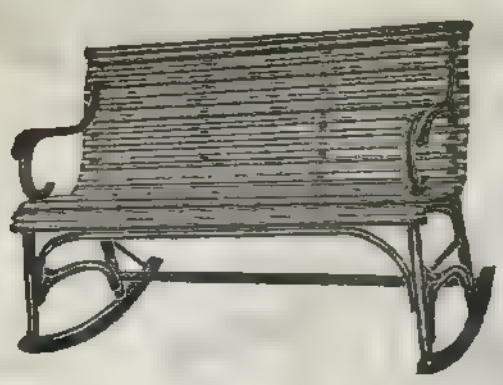
Each
No. 244SV—Weight each 41 lbs..... $36 75
One in bdle.

A growing line that progressive merchants should not overlook.

D 11

PORCH AND LAWN FURNITURE

BENT WOOD SETTEES



Legs, frame and arms are bent from rock elm stock. Slats and rockers are of hardwood. Length 4 feet.

	Each
No. 4BG—Painted green and varnished	$17 25

One in bdle; K. D., shipping wt each about 28 lbs.

BENT WOOD SETTEES

Legs, frame and arms are bent from rock elm stock; slats are of hardwood. Painted green.

Net	4SG	5SG	6SG
Length, ft	4	5	6
Wt each, lbs	25	34	38
Each	$15 75	18 75	22 50

One in bdle, K. D.

PORCH AND LAWN FURNITURE

BENT WOOD CHAIRS

Without Rockers.

Legs, frame and arms are bent from rock elm stock. Slats areof hardwood. Width between arms 19 inches; depth of seat 18 inches.

	Each
No. 1CG—Painted green and varnished	$11 25

One in bdle, K. D.; shipping wt each 16 lbs.

BENT WOOD CHAIRS

With Rockers.

Legs, frame and arms are bent from rock elm stock. Slats and rockers are of hardwood. Width between arms 19 inches; depth of seat 18 inches.

	Each
No. 1RG—Painted green and varnished	$12 75

One in bdle, K. D.; shipping wt each 16 lbs.

DIAMOND BRACELETS

Exclusive Creations

All diamonds used are carefully selected and expertly matched. Bracelets are hand made of 10% Iridium Platinum. Each equipped with safety catch.

Prices are list, subject to wholesale discounts.

D990
All Platinum. 42 fine full cut blue white diamonds of choice quality weighing approximately 3½ carats. $1650

D991
All Platinum. 37 fine full cut blue white diamonds of choice quality weighing approximately 2 carats. $2100

D992
All Platinum. 5 fine large blue white diamonds and 12 white diamonds of choice quality. A charming bracelet representing excellent value $1000

D993
All Platinum. 8 fine large blue white marquise diamonds, 4 fine baguette diamonds, expertly matched, and 244 fine small diamonds in exquisite creation. $6500

D994
All Platinum. 8 fine blue white baguette diamonds expertly matched, and 56 fine white small diamonds. A new design of charm and distinction

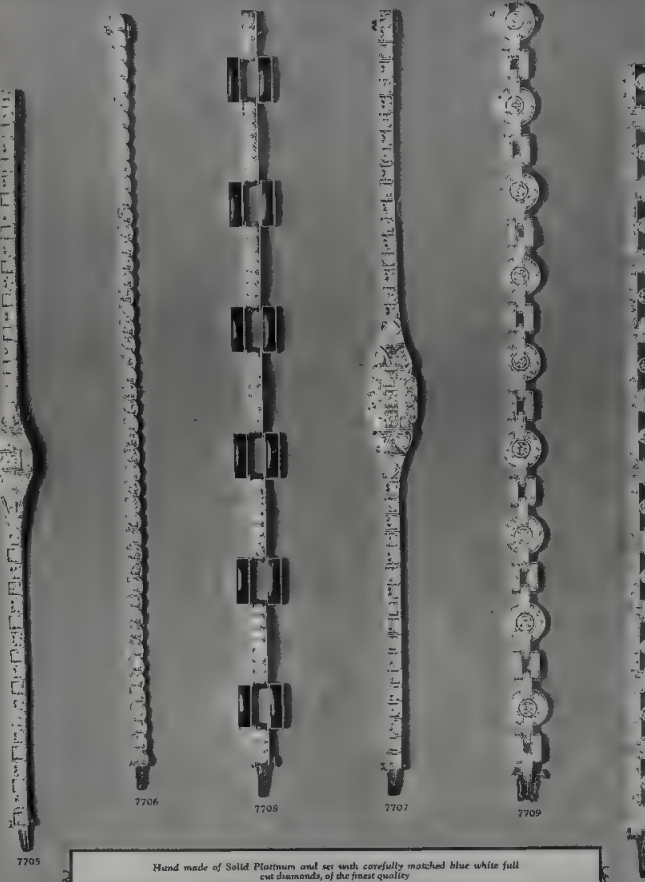
D995
All platinum. 9 fine large blue white marquise diamonds 14 fine baguette diamonds, expertly matched, and 164 fine white diamonds. An excellent example of modern craftsmanship $6,000

D996
All Platinum. 8 fine large blue white marquise diamonds, expertly matched, and 178 fine white diamonds. New French plate design, exquisitely wrought. $8800

D997
All Platinum. 3 fine large blue white marquise diamonds 12 fine baguette diamonds, all expertly matched, and 348 fine white diamonds. A design of distinction and an excellent example of the finest jeweler's art. $14,500

We shall be glad to send any of these bracelets, or other exclusive pieces, on approval for inspection, without obligation to purchase.

New Designs in all Platinum Diamond Bracelets



Hand made of Solid Platinum and set with carefully matched blue white full cut diamonds, of the finest quality

7705 Platinum Bracelet set with 33 fine blue white diamonds, and four fine Oriental sapphires. Centre diamond is one-half carat size. Stunning new design. $1150.

7706 Platinum Bracelet, set with 47 fine blue white diamonds, carefully matched. New raise effect. Diamonds weigh two and one-half carats. $1400.

7707 Platinum Bracelet, hand engraved, set with 3 fine blue white diamonds in center, 3 smaller perfect matched blue white diamonds and 41 small blue white diamonds. 8 Oriental sapphires. $1600.

7708 Platinum Bracelet, 41 fine blue white full cut diamonds and 12 pieces of genuine black onyx in effective combination. A charming new Parisian design. $2200.

7709 Platinum Bracelet, 9 fine large blue white diamonds, and 210 small diamonds, smartly designed in round and square effect. A very new and effective design. Diamonds weigh over 4 carats. $4150.

7710 Platinum Bracelet set with 765 perfect fine cut blue white diamonds, effectively designed in oblong links, each with a large perfect blue white diamond set in center. Diamonds weigh over 5 carats. $4800.

***ABOVE PRICES ARE LIST, SUBJECT TO OUR REGULAR WHOLESALE CATALOG DISCOUNTS.**

Illustrations across size. - We will gladly send any of the above for inspection, without obligation to purchase

All Platinum Diamond Bracelets of Exclusive Design

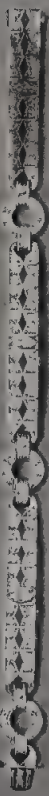
D-500

D-501

D-502

D-503

D-504



D-505

Hand made of Solid Platinum, and set with carefully matched, blue white full cut diamonds of fine quality

D500 Platinum Bracelet. Set with 11 fine blue white full cut diamonds of fine quality, weighing about 2 carats. A most attractive bracelet. Price $1000.

D501 Platinum Bracelet. Set with 11 fine blue white full cut diamonds of fine quality, weighing about 2 carats. A most attractive bracelet. Price $1000.

D502 Platinum Bracelet. Set with 11 fine blue white full cut diamonds of fine quality, weighing about 2 carats. A most attractive bracelet. Price $1000.

D503 Platinum Bracelet. Set with 11 fine blue white full cut diamonds of fine quality, weighing about 2 carats. A most attractive bracelet. Price $1000.

D504 Platinum Bracelet. Set with 11 fine blue white full cut diamonds of fine quality, weighing about 2 carats. A most attractive bracelet. Price $1000.

D505 Platinum Bracelet. Set with 11 fine blue white full cut diamonds of fine quality, weighing about 2 carats. A most attractive bracelet. Price $1000.

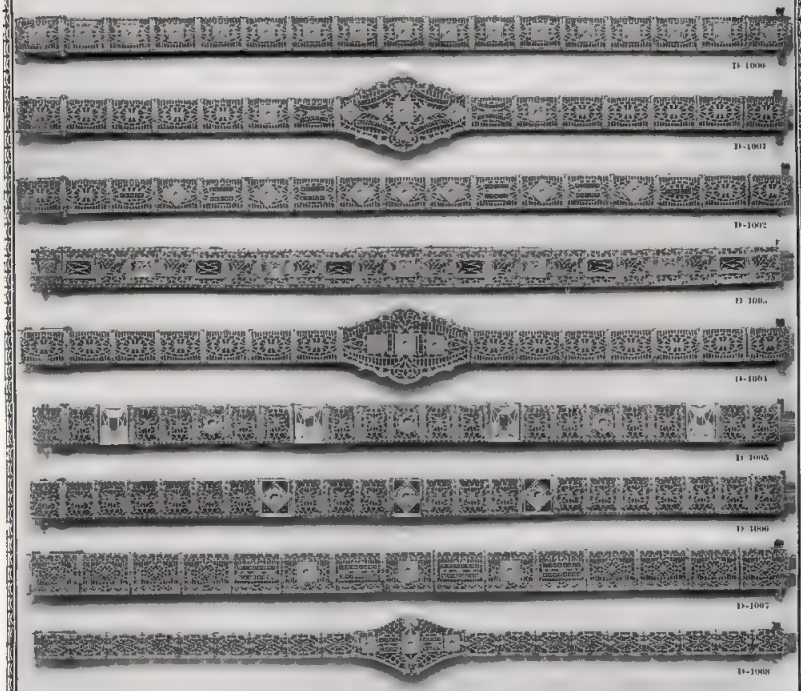
ABOVE PRICES ARE LIST SUBJECT TO HOLMES'S CATALOG DISCOUNT. Illustrations above actual size.

We will gladly send you, free of charge, our booklet on diamonds, showing how to judge the quality of a diamond, and how to buy it to the best advantage.

L.G. HOLMES Sole Trade Mark

DIAMOND BRACELETS

14 Kt. White Gold And Platinum Top



The diamonds in these beautiful bracelets are blue white, expertly matched. Each bracelet is fitted with a safety clasp.

D1000 14 Kt. and Platinum Top. 17 fine full cut blue white diamonds. Pierced and engraved. Exceedingly good value. **$450.**

D1001 14 Kt. and Platinum Top. 8 fine full cut, blue white diamonds and 58 synthetic sapphires. Effective popular design. **$525.**

D1002 14 Kt. and Platinum Top. 7 fine full cut, blue white diamonds and 50 beautiful Hope emeralds. Charmingly pierced. **$395.**

D1003 14 Kt. and Platinum Top. 5 fine full cut, blue white diamonds, and 8 synthetic sapphires. Popular width, effective engraving. **$425.**

D1004 14 Kt. and Platinum Top. 3 fine full cut, blue white diamonds, and 10 synthetic sapphires in attractive wide center design. **$165.**

D1005 14 Kt. and Platinum Top. 5 fine large full cut, blue white diamonds and 4 especially selected aquamarines. Flower design piercing. Unusually attractive. **$450.**

D1006 14 Kt. and Platinum Top. 3 fine large full cut blue white diamonds each surrounded by 4 triangular Hope emeralds. A new attractive design. **$325.**

D1007 14 Kt. and Platinum Top. 3 fine large full cut blue white diamonds and 64 synthetic sapphires. Fashionable width. **$250.**

D1008 14 Kt. and Platinum Top. 5 fine full cut, blue white diamonds, and 16 Hope emeralds, popular wide center design, delicate new pierced engraving. **$350.**

Bracelets may be especially ordered set with any desired stones at slightly higher prices.

ABOVE PRICES ARE LIST SUBJECT TO WHOLESALE CATALOG DISCOUNTS. Illustrations show actual size.
We shall be glad to send any of these bracelets on approval, for inspection without obligation to purchase.

TOY TEA SETS

CHINA

13 Piece Set.

Set consists of 4 large size cups, 4 saucers, sugar bowl with cover, cream pitcher and tea pot with cover. Comes in assorted lustre colors.

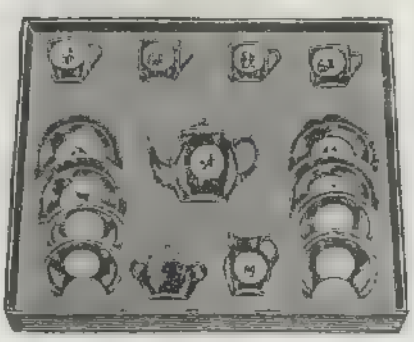
Per Doz Sets

No. M50—Wt per doz sets 33 lbs **$39 00**

One set in cardboard box.

17 Piece Set.

Set consists of 4 large cups, 4 saucers, 4 plates, sugar bowl with cover, cream pitcher and tea pot with cover. Comes in assorted lustre colors with childrens design in center.



Per Doz Sets

No. M60—Wt per doz sets 42 lbs **$69 00**

One set in cardboard box.

ALUMINUM

3 Piece, Childs Set.

Aluminum, bright finish. Set consists of plate with letters of alphabet around the edge, diameter top 6⅞ inches, depth 1¾ inches, cup capacity 3½ ounces and saucer, diameter top 4¼ inches.

Per Doz Sets

No. M3266—Wt per doz sets 3 lbs **$6 45**

One-twelfth doz sets in lithographed nursery rhyme counter display box.

10 Piece Colonial Tea Set.

Set consists of 10 pieces as follow:

1—26 gauge, 3 ounce tea pot with cover.
2—28 gauge, 1½ ounce capacity cups.
2—28 gauge saucers, 3⅛ inches in diameter.
2—28 gauge plates, 4½ inches in diameter.
1—28 gauge, 1½ ounce capacity sugar bowl.
1—28 gauge, 1½ ounce capacity cream pitcher.

Per Doz Sets

No. M174—Complete as described **$19 50**

One set in nursery rhyme counter display box; wt per doz sets 16½ lbs

TOY TEA SETS

8 Piece Set.

Aluminum, dip finish. Set consists of 2 jelly moulds, pie plate, pudding pan, skillet, stew pan, dipper and spoon.

Per Doz Sets

No. M161—Wt per doz sets 4½ lbs **$6 45**

One-twelfth doz sets in lithographed nursery rhyme counter display box.

8 Piece, Colonial Tea Set.

Set consists of 8 pieces of aluminum ware as follow:

1—26 gauge 3 ounce capacity tea pot with cover.
2—28 gauge 1½ ounce capacity cups, 2⅜ inches in diameter.
2—28 gauge saucers, 3⅛ inches in diameter.
2—28 gauge, plates 4½ inches in diameter.

Per Doz Sets

No. M101 Complete as described **$13 50**

One set in nursery rhyme counter display box, wt per doz sets 11½ lbs.

16 Piece, Colonial Tea Set.

Set consists of 16 pieces as follow:

1—26 gauge, 3 ounce capacity tea pot with cover.
2—28 gauge, 1½ ounce capacity tea cups.
2—28 gauge saucers, 3⅛ inches in diameter.
2—28 gauge plates, 4½ inches in diameter.
1—28 gauge, 1½ ounce capacity sugar bowl.
1—28 gauge, 1½ ounce capacity cream pitcher.
2—Embossed handle knives.
2—Embossed handle forks.
2—Embossed handle spoons.

Per Doz Sets

No. M120—Complete as described **$25 50**

One set in nursery rhyme counter display box; wt per doz sets 18 lbs.

ALUMINUM

9 Piece Colonial Percolator Set.

Set consists of 9 pieces as follow:

1—24 gauge, polish finish 1½ pint capacity percolator, 4½ inches high by 2¾ inches.
2—28 gauge plates, 4½ inches in diameter.
2—28 gauge saucers 3⅛ inches in diameter.
2—28 gauge 1½ ounce capacity cups.
1—28 gauge 1½ ounce capacity sugar bowl.
1—28 gauge 1½ ounce capacity cream pitcher.

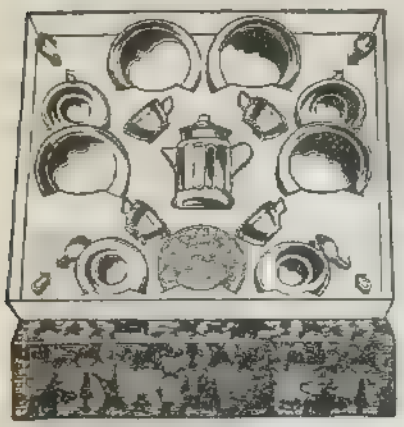
Per Doz Set

No. M155—Complete as described **$25 50**

One set in nursery rhyme counter display box; wt per doz sets 17 lbs.

TOY TEA SETS

18 Piece Toy Colonial Coffee Percolator Set, 6 Color Circus Designs.



Set consists of 18 pieces as follow:
1—26 gauge, 1½ pint capacity percolater.
4—28 gauge plates, 4½ inches in diameter
4—28 gauge, 1½ ounce capacity cups.
4—28 gauge saucers 4½ inches in diameter
4—Embossed handle spoons.
1—Table pad.

Per Doz Sets

No. 184M—Complete as described **$25 50**

One set in nursery rhyme cardboard counter display box; wt per doz sets 18 lbs.

15 Piece Colonail Percolator Set.

Set consists of 15 pieces as follow:
1—26 gauge, polish finish, 12 oz capacity percolater.
4—28 gauge plates, 4½ inches in diameter.
4—28 gauge saucers, 3⅛ inches in diameter.
4—28 gauge 1½ ounce capacity cups.
1—28 gauge, 1⅛ ounce capacity cream pitcher.
1—28 gauge, 1⅛ ounce capacity sugar bowl.
1—30 gauge table pad, 3¾ inches in diameter.

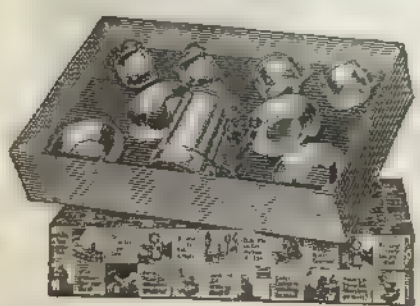
Per Doz Sets

No. M-166—Complete as described **$39 00**

One set in nursery rhyme counter display box; wt per doz 25 lbs.

ALUMINUM

9 Piece Percolator Set.



Aluminum, polish finish. Consists of 9 pieces: one 1 pt. percolater with detachable handle, welded spout and glass top, four 4 ounce knurled cups and four saucers, diameter 4 inches.

Per Doz Sets

No. M113—Wt per doz sets 22¼ lbs **$49 50**

One set in lithographed nursery rhyme counter display box.

TOY TEA SETS

ALUMINUM

40 Piece Colonial Percolator Set.

Set consists of 40 pieces as follow:
1—26 gauge, polish finish, ¾ pint capacity percolator.
4—28 gauge plates, 4½ inches in diameter.
4—28 gauge saucers, 3⅛ inches in diameter.
4—28 gauge, 1½ ounce capacity cups.
4—Embossed handle knives.
4—Embossed handle forks.
4—Embossed handle spoons.
1—Embossed handle butter knife.
1—Embossed handle sugar shell.
1—28 gauge, 1⅛ ounce capacity sugar bowl.
1—28 gauge, 1⅛ ounce capacity cream pitcher.
4—White cloth napkins, 7x7 inches, printed with nursery rhyme designs in three colors.
4 Embossed napkin rings.
1—30 gauge table pad, 3¾ inches in diameter.
1—24 gauge crumb tray, 3¾x6¼ inches.
1—26 gauge scraper, 2x4½ inches.

Per Doz Sets

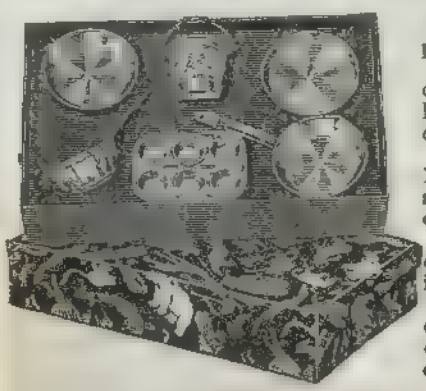
No. M-154—Complete as described; wt per doz sets 25¾ lbs **$69 00**

One set in nursery rhyme counter display box.

TOY COOKING SETS

ALUMINUM

6 Piece Colonial, Cooking Set.



Set consists of 6 pieces as follows:
1—26 gauge, 10 ounce capacity convex kettle 3⅛ inches in diameter.
1—26 gauge lipped, 10 ounce capacity sauce pan 4 inches in diameter.
1—26 gauge, 1 ounce capacity fry pan 4⅛ inches in diameter.
1—26 gauge, 1 ounce capacity layer cake pan 4⅛ inches in diameter.
1—26 gauge, 1 ounce capacity pie pan, 5 inches in diameter.
1—26 gauge, 1½ ounce capacity cake pan 2¾x4⅞ inches.

Per Doz Sets

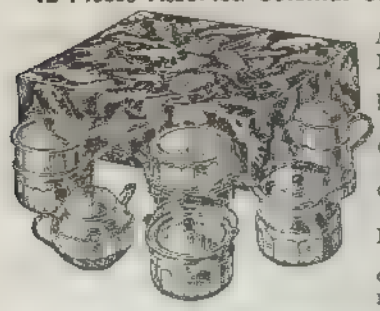
No. M110—Set complete as described; wt per doz sets 21 lbs **$25 50**

One set in nursery rhyme counter display box.

TOY COOKING SETS

ALUMINUM

12 Pieces Assorted Colonial Cooking Utensil Set.



26 gauge, polish finish. Assortment consists of 12 pieces as follows:
2 ½ pint capacity tea kettles.
2 10 ounce capacity double boilers.
2—½ pint capacity percolators.
2—½ pint capacity tea pots.
2 –10 ounce capacity convex kettles, 3⅛ inches in diameter.
2 Oval roasters, 6¾ inches. Per Ass't

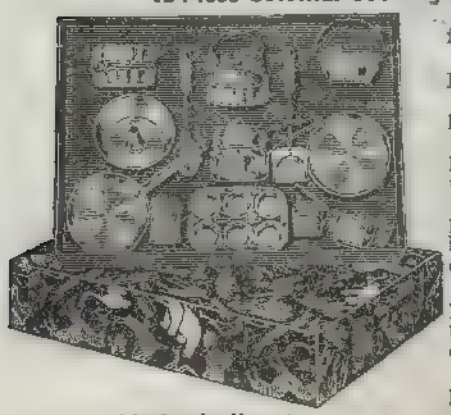
No. M4700—Assortment complete as described **$6 30**
One ass't in nursery rhyme counter display box; wt per doz sets 25 lbs.

8 Piece Colonial Percolator and Cooking Set.

26 gauge, polish finish.
Set consists of 8 pieces as follow:
1—½ pint capacity percolator.
1 –½ pint capacity tea kettle with cover.
1 –10 ounce capacity lipped preserving kettle 4 inches in diameter.
1—10 ounce capacity convex kettle 3⅛ inches in diameter.
1—Round roaster (2 pan) 1¼ inches deep, 4 inches in diameter.
1 –7⅝ inch ladle.
1—7½ inch mixing spoon. Per Doz Sets

No. M145—Set complete as described **$39 00**
One set in nursery rhyme counter display box; wt per doz sets 26 lbs.

12 Piece Colonial Cooking Set.



26 gauge, polish finish.
Set consists of 12 pieces as follow:
1—½ pint capacity tea kettle.
1 –10 ounce capacity double boiler.
1 10 ounce capacity preserving kettles, 4 inches in diameter.
1 –10 ounce capacity convex kettle, 3⅛ inches in diameter.
1 –10 ounce capacity lipped sauce pan, 4 inches in diameter.
1—Round roaster 2½ inches deep, 4 inches in diameter.
1—Fry pan 1 inch deep, 4⅛ inches in diameter.
1—Tubed cake pan, 1⅞ inches deep, 5 inches in diameter.
1—Layer cake pan, 1 inch deep, 5 inches in diameter.
1—Shallow cake pan, ⅞ inch deep, top 3x4¾ inches.
1—8½ inch cake turner.
1—7½ inch mixing spoon. Per Doz Sets

No. M-146—Set complete as described **$52 50**
One set in nursery rhyme counter display box; wt per doz sets 44 lbs.

TOY COOKING SETS

ALUMINUM

12 Piece Colonial Set, With Bright Red Trimmings.

Set consists of 24 pieces as follows;
2 28 gauge 5 ounce capacity double boiler.
2—28 gauge, 5 ounce capacity convex kettle 2¾ inches in diameter.
2—28 gauge, 5 ounce preserving kettles, 2¾ inches in diameter.
2—28 gauge, 5 ounce sauce pan, 2¾ inches in diameter.
2—28 gauge, 5 ounce capacity convex Sauce pan 2¾ inches in diameter.
2—28 gauge, 8 ounce Stew pan, 3⅛ inches in diameter.
2—28 gauge, 5 ounce capacity mixing bowl, 2¾ inches in diameter.
2—28 gauge, 8 ounce capacity pudding pans, 3⅛ inches in diameter.
2—28 gauge frying pan, 4½ inches in diameter.
2—28 gauge tubed cake pan 3⅞ inches in diameter.
2—28 gauge pie plate, 4⅛ inches in diameter.
2—28 gauge shallow cake pans 3¾x2¼ inches.

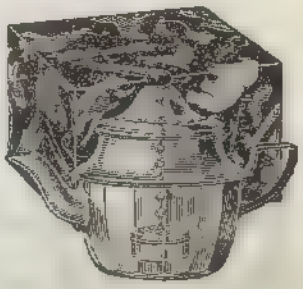
Per Doz Sets

No. M4720—Complete as described **$69 00**
One set in nursery rhyme cardboard counter display box; wt per doz sets 23 lbs.

TOY TEA POTS

ALUMINUM, Colonial Design.

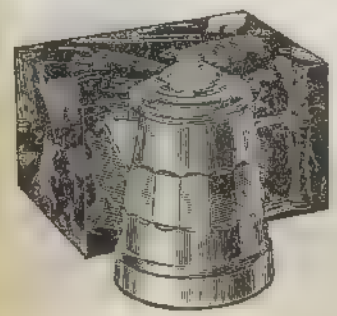
26 gauge, polish finish. Heat resisting black enameled steel handle. Tea ball can be raised and held in any position.



Per Doz

No. M278—Capacity 12 ozs; diam bottom 2⅛ ins **$13 50**
One in nursery rhyme counter display box; wt per doz 4½ lbs.

ALUMINUM, Colonial Design.



24 gauge, polish finish. Black enameled wood handle. Hinged cover with removable glass inset.

Per Doz

No. M270—Capacity ½ pt; height over all 5 ins; diam 2¾ ins **$12 75**
One in nursery rhyme counter display box; wt per doz 4 lbs.

TOY PERCOLATORS

ALUMINUM, Colonial Design.

26 gauge, polish finish. Red enameled wood handle. Hinged cover with removable glass inset. 30 gauge table pad.

Per Doz

No. M5650—Capacity ¾ pt; height over all 6 ins; diam 3 ins ..$19 50

One in nursery rhyme counter display box; wt per doz 6¾ lbs.

TOY TEA SETS

LITHOGRAPHED TIN

5 Piece Set.

Set consists of five pieces, plate, saucer, cup and tea pot with cover. Red Riding Hood design, attractively lithographed in bright colors.

Per Doz Sets

No. M12—Wt per doz sets 3 lbs. ... $2 65

One twelfth doz sets in cardboard box.

7 Piece Set.

Set consists of seven pieces, plate, 2 cups, 2 saucers and tea pot with lid. Kitten design, with alphabet printed around outer edge of plate, the base color is red with alphabet in chrome yellow, kittens in natural maltese.

Per Doz Sets

No. M13—Wt per doz sets 4 lbs..... $4 05

One twelfth doz sets in cardboard box

9 Piece Set.

Set consists of nine pieces, 6 inch tray, 2 plates, 2 cups, 2 saucers and tea pot with cover. Blue Bird design very attractive pattern in a delft blue with green border.

Per Doz Sets

No. M14—Wt per doz sets 9 lbs.... $6 45

One twelfth doz sets in cardboard box.

TOY TEA SETS

LITHOGRAPHED TIN

20 Piece Set.

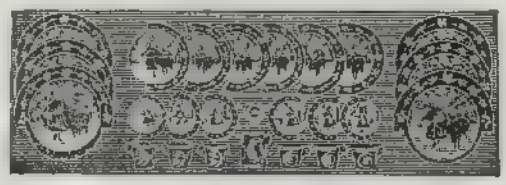
Set consists of twenty pieces, 6 plates, 6 cups, 6 saucers and tea pot with cover. Kitten design, with alphabet printed around outer edge of plate, the base color is red with alphabet in chrome yellow. Kittens in natural maltese.

Per Doz Sets

No. M17—Wt per doz sets 15 lbs..... $12 75

One twelfth doz sets in carton.

26 Piece Set.



Set consists of twenty; six pieces, 6, 4 inch plates, 6, 6 inch plates 6 cups, 6 saucers and tea pot with cover. Red Riding Hood design, attractively lithographed in bright colors.

Per Doz Sets

No. M18—Wt per doz sets, 30 lbs $24 00

One twelfth doz sets in carton.

TOY COOKING SETS

"Also Dept. 6, Page 1405"

PYREXETTE

6 Piece.

Set consists of 6 pyrex dishes: 1 casserole and cover, 1 bread pan, 1 pudding or baking pan, 1 wide flange pie plate and 2 custard cups.

Per Set

No. M520—Wt per set 4½ lbs $4 20

One set in cardboard counter display box.

KITCHEN SETS

2 Piece Set.

Set consists of the following:

1—6½ inch nickel plated steel frame double blade egg beater.

1—Glazed finish crockery mixing bowl 2¾x2¼ inches deep.

Per Doz Sets

No. M6—Wt per doz sets 6 lbs..... $7 50

One set in lithographed nursery rhyme counter display box.

4 Piece Set.

Nickel plated; white enameled hardwood handles. Set consists of cake turner, batter spoon, egg beater and ladle.

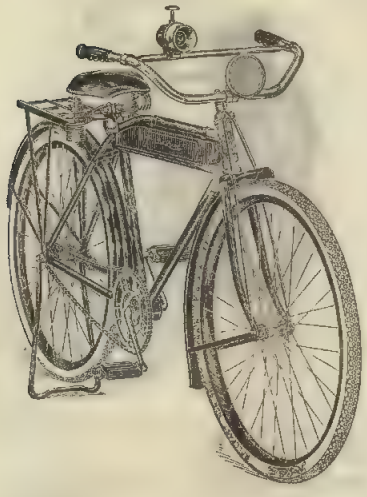
Per Doz Sets

No. M11—Wt per doz sets 6 lbs ..$12 75

One-twelfth doz sets in lithographed nursery rhyme counter display box.

BICYCLES

PRINCETON MOTOR BIKE DE LUXE



Finish—Red or blue with white head, white fancy post and broad white stripes on guards.

Specifications—Frame, 20 or 18 in. Rollfast non-skid chain cup tires; chromium nickel plated armored rims; drop side mud guards; rear red jewel reflector; rust proof spokes; one-piece drop forged hangers; roller chains, ½x1; rubber grips; Torrington rubber pedals; Morrow coaster brake; Motor Bike saddles; braced bar. Fitted with tank, electric lamp, horn, carrier and stand.

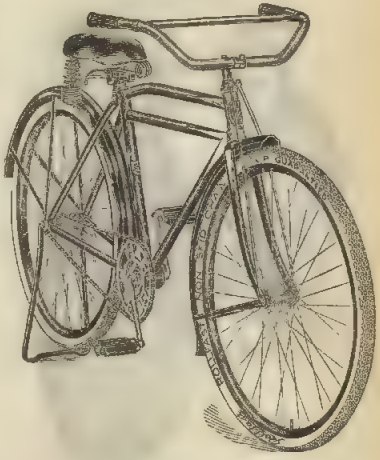
NO.	Color	Lbs. Ea.	EACH
404DB	Blue and White	74	$70.00
404DR	Red and White	74	70.00

Standard—DeLuxe

The following number is similar in general design and construction as above only less expensive in finish and equipment. Same specifications as above.

NO.	Color	Lbs. Ea.	EACH
804DB	Blue and Gray	74	$67.00
804DR	Red and Blue	74	67.00

PRINCETON MOTOR BIKE



Finish—Red or blue with white head, white fancy post and broad white stripes on guards.

Specifications—Frame, 20 or 18 in., double bar, top bar curved, flush connections, ⅞-in. tapered rear forks, motorcycle type with braces, ⅞-in. rear stays; 28-in. wheels; one-piece 7-in. crank, Morrow coaster brake; roller chain, ½x1-in. pitch; steel cement rims, wood lined, 36 holes; Rollfast non-skid chain cup tires; Motorbike type saddle; Torrington full rubber pedals; Rollfast adjustable braced handle bar, long rubber grips; mud guards, drop side, steel front and rear flat braces, enameled with center stripe to match head. Enameled stand.

NO.	Color	lb Each	EACH
404R	Red and White	65	$63.00
404B	Blue and White	65	63 00

STANDARD MOTORBIKE

The following number is similar in general design and construction to above, only less expensive in finish and equipment. Same specifications as above.

NO.	Color	Lbs. Ea.	EACH
804B	Blue and Gray	64	$57.00
804R	Red and Blue	64	57.00

PRINCETON BOYS' MOTOR BIKE

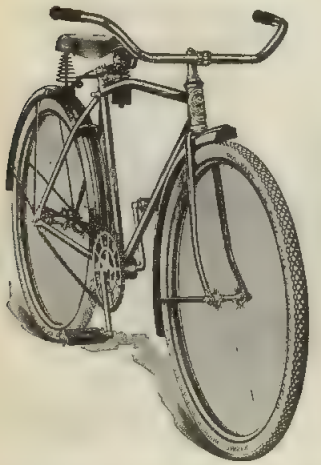
The same general design and construction as the No. 404 excepting the size of frame and size of wheels. Frame, 18 or 16-inch. Wheels, 26-inch.

NO.	Color	Lbs Ea	EACH
409B	Blue and White	61	$60.00
409R	Red and White	61	60 00

G

BICYCLES

PRINCETON CAMEL BACK



Finish—Red or blue with white head, white fancy post, broad white stripes on guards.

Specifications—Frame, 20 or 18-in. lowered; forged crown; 28-in. wheels; 7-in. one-piece Diamond crank; Morrow coaster brake; rims, steel cement, wood lined with 36 holes; ⅞x1-in. pitch roller chain; Rollfast non-skid chain cup tires; Motorbike type saddle; Torrington No. 2 rubber pedals; Boy Scout handle bar with forward extension stem and long rubber grips.

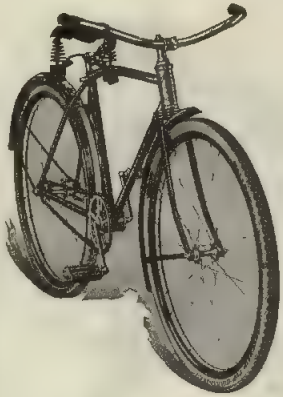
NO.	Color	lb Each	EACH
403R	Red and White	65	$58.00
403B	Blue and White	65	58.00

STANDARD CAMEL BACK

The following number is similar in general design and construction as above only less expensive in finish and equipment. Same specifications as above.

NO.	Color	Lbs. Ea.	EACH
803B	Blue and Gray	63	$52.50
803R	Red and Gray	63	52.50

PRINCETON BOYS' JUVENILE



Finish—Red or blue with white head, white striped guards and fancy white posts.

Specifications—Frame, 18 or 16-in., flush connections, ⅝-in. tapered rear forks, ⅝-in. rear stays; forged crown; 26-in. wheels; 5½-in. Diamond one-piece crank; Morrow coaster brake; steel cement, wood lined rims; ⅞x1-in. pitch roller chain; Rollfast non-skid chain cup tires; Juvenile saddle with padded top and suspension springs; Torrington Juvenile full rubber pedals; Juvenile adjustable stem handle bar, rubber grips; drop side mud guards with steel front, flat rear braces enameled with center stripe to match head.

NO.	Color	lb Each	EACH
407R	Red and White	58	$55.00
407B	Blue and White	58	55.00

STANDARD BOYS' JUVENILE

The following number is similar in general design and construction to above only less expensive in finish and equipment. Same specifications as above.

NO.	Color	Lbs. Ea.	EACH
807R	Blue and Gray	56	$49.00
807B	Red and Blue	56	49.00

BICYCLES G

PRINCETON LADIES'

Finish—Blue and white, fancy white post and broad white stripes on guards.

Specifications—Frame, 21 in., flush connections, ⅝-in. tapered rear forks, ⅝-in. rear stays; 28-in. wheels; forged crown; 6¾-in. Diamond one-piece crank; Morrow coaster brake; ⅞x1-in. pitch Diamond roller chain; Rollfast non-skid chain cup tires; rims, steel cement, wood lined; ladies' comfort saddle, padded top and suspension springs; Torrington ladies' full rubber pedals; handle bar, adjustable stem with rubber grips; dress and chain guards, laced.

NO.	Color	15 Each	EACH
406	Blue and White	60	$65.00

PRINCETON GIRLS'

Finish—Blue with white head, white fancy post and broad white stripes on guards.

Specifications—Frame, 18 in., flush connections, ⅝-in. tapered rear forks, ⅝-in. rear stays; wheels, 26 in.; forged crown; 5¾-in. Diamond one-piece hanger; Morrow coaster brake; roller chain, ⅞x1-in. pitch; steel cement rims, wood lined; Rollfast non-skid chain cup tires; Juvenile saddle with padded top and suspension springs; Torrington Juvenile full rubber pedals; Juvenile handle bar with adjustable stem, rubber grips; laced dress guard and chain guard.

NO.	Color	15 Each	EACH
408	Blue and White	61	$57.00

STANDARD LADIES'

The following number is similar in general design and construction to the above only less expensive in finish and equipment. Same specifications as above.

NO.	Color	Lbs. Ea.	EACH
306	Blue and Gray	63	$57.00

STANDARD GIRLS'

The following number is similar in general design and construction to above only less expensive in finish and equipment. Same specifications as above.

NO.	Color	Lbs. Ea.	EACH
308	Blue and Gray	57	$52.00

G

PLAYCYCLES

Rollfast

Bicycle frame construction: One piece ball bearing hanger ,genuine bicycle sprockets. Ball bearing head set. Bicycle roller chain. Rollfast saddle with cushion comfort springs. Ball bearing pedals. Red rubber grips.

Finished in blue with white head.

NO.	In. Lgth.	In. Leg Lgth	Wheels	lb Ea.	EACH
■	46	22 to 29	14x1¾	37	$35.00

Rollfast

Bicycle frame construction; rollfast one piece hanger, ball bearing; genuine bicycle sprockets. Ball bearing head set bicycle roller chain, rollfast saddle with cushion comfort springs. Ball bearing pedals. Red rubber grips, bicycle bell. Finished in red with white head.

NO.	In. Lgth.	In. Leg Lgth	Wheels	lb Ea.	EACH
7	46	22 to 29	14x1¾	32	$35.00

Having, year after year profitably marketed outstanding nationally advertised Wheel Goods Lines, we have naturally become known as the Wheel Goods Headquarters of the southwest, and invite your inspection of the latest models always found here on display.

CABINET MAKERS' RABBET PLANES

STANLEY

Bull Nose.

Designed for fine cabinet work where extreme accuracy is desired; the sides and bottom being square with each other, the plane will be perfectly flat on either side, and can be used right or left; both the cutter and width of throat opening are adjustable. The front can be removed to make a chisel plane; handy grip; nickel plated

No. 90. Adjustable; length, 4 inches; cutter, 1 in.; Wt. ea., 1 lb..Each $4 75
1 lb. .....Each $4 75

Regular Pattern.

Will lie perfectly flat on either side, and can be worked either right or left; adjustable throat; cutter adjustable endwise; removing the front makes a chisel plane; handy grip; nickel plated.

No. 92. Length, 5½ inches; cutter, ¾ in. Wt. ea., 1 lb.....Each $4 75

No. 93. Length, 6½ inches; cutter, 1 in. Wt. ea., 1½ lbs.....Each $5.75

SIDE RABBET PLANES

STANLEY

Very convenient for side-rabbeting in trimming dados, mouldings and grooves of all sorts. A reversible nose-piece gives a form whereby it will work close up into corners. Rosewood knobs; nickel plated. Fitted with Depth Gauge.

No. 98. Right hand. Length 4 in.; cutter, ½ in. Wt. ea. ½ lb.Each $2 35

No. 99. Left hand. Length 4 in.; cutter ½ in. Wt. ea. ½ lb..Each $2 35

All above, one in a box.

FILLETSTER AND RABBET PLANES

STANLEY

Japanned. Nickel Trimmings.

Has two seats for the cutter, one for regular work and the other where a bull nose is required. Also spur and removable depth gauge. Adjustable fence can be used on either side and slides under the bottom, regulating width of cut. To work same as a rabbet plane, remove fence and arms.

No. 78. Length, 8½ inches; cutter, 1½ inches. Wt. each, 8 lbs.Each $3 95

Japanned. Nickel Trimmings.

Sides and bottom being square with each other, the plane will lie perfectly flat on either side; an adjustable fence slides under the bottom, regulating width of cut. Has spur on each side for working across grain, also adjustable depth gauge; suitable for right or left hand work; front part can be detached, providing bull nose plane for close work; cutter is adjustable endwise.

No. 278. Length, 6¾ inches; cutter, 1 inch. Wt. each, 2 lbs.....Each $3 80

PLOW, DADO, FILLETSTER AND MATCHING PLANES

STANLEY

Nickel Plated.

Skew cutters are the feature of this plane. Consists of a main stock carrying spur, depth gauge and slitting cutter, a sliding section carrying a spur and forming an extra sole for the plane, and a fence (rosewood face) which can be set for either plow or filletster work. Rosewood handle and knob; cutters comprise 9 plow and dado bits, 3/16, ¼, 5/16, ⅜, ½, ⅝, 13/16, ⅞ and 1¼ inch; a 1½ inch filletster cutter; a ¼ inch tonguing tool, and a slitting cutter.

No. 46. Length, 10½ inches; 12 cutters. Wt. each, 5¾ lbs.....Each $9 50

All above, one in a box.

PLOW, BEADING AND MATCHING PLANES

STANLEY

Nickel Plated.

Very handy tool for light work; consists of main stock, carrying spur and depth gauge, and forming a support for one side of cutter; a sliding section, carrying a spur and forming a support for the other side of cutter, and a fence with a 5-inch adjustment. The handle is metal, being part of main stock. Cutters comprise 7 plow and dado bits, ⅛, 5/16, ⅜, 7/16, ½, ⅝ and ¾ inch; 7 beading tools, ⅛, 3/16, ¼, 5/16, ⅜, 7/16 and ½ inch; and a ¼ inch tonguing tool.

No. 50. Length, 9¼ inches; 15 cutters. Wt. ea., 3¾ lbs....Each $10 35

DADO PLANES

STANLEY

Japanned Iron.. Nickel Plated Trimmings.

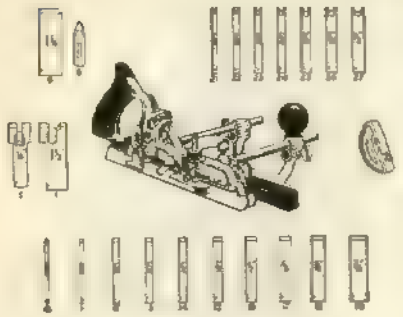
The great advantage over those made of wood is that they will keep true under all conditions, even in the narrowest widths. They have skew cutters, an adjustable depth gauge, and two adjustable spurs, one on each side. This adjustable feature permits of the spurs being adjusted to take up wear, as well as for depth of cut.

No. 39. Cutter, in...	¾	½	¾
Length, in.	8	8	8
Wt. each, lbs., ...	1¾	1¾	2
Each $3 85	4 30	4 70	

All above, one in a box.

"FORTY-FIVE" COMBINATION PLANES

STANLEY



Nickel Plated.

Seven tools in one in a compact and practical form. 1. Beading and center beading plane. 2. Plow. 3. Dado. 4. Rabbet and filletster. 5. Match plane. 6. Sash plane. 7. Slitting plane. The plane has two principal parts, a main stock, and a sliding section; the main stock carries the handle, cutter adjustment, a slitting tool, depth gauge, and forms a bearing for one edge of cutter. The sliding section slides on two arms secured in the stock and has a bearing for the other edge, allowing cutters of different widths to be used. A fence slides on these arms for use when working as a plow, beader or filletster, to gauge distance from cutter to edge of board, and to keep cutter at right angles to same. When used as a filletster, the fence slides under the bottom of plane and determines width of cutter exposed to the work. The plane is fitted with spurs for use across the grain, etc., and can be used either right or left hand. With each plane are furnished twenty-three cutters, all of which are shown in cut. The cutters, together with plane, are packed in a neat substantial box. All metal parts are nickel plated. The handle, knob and fence are made of selected rosewood. For beading at a distance from edge of a board, attach cam rest (see cut at right of plane) to front arm between sliding section and fence to prevent fence sagging. In certain work attach same to rear arm to prevent plane from rocking.

No. 45. With 21 cutters. Wt. each, 9½ lbs. .....Each **$15 00**

One in a box.

The following cutters are furnished with each plane. The price is given in case duplicates should be required:

No. 1.	1½ inch. Sash Tool. Each	**$1 00**
No. 5.	¼ inch. Match Tool. Each	**1 00**
No. 6.	3/16 in. Match Tool.. Each	**1 00**
No. 8.	Slitting Tool.....Each	**60**
No. 9.	1¼ inch. Filletster. Each	**50**

Plow and Dado Tools.

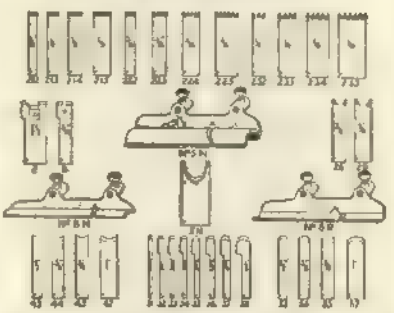
No. 10.	1/8 inch.....Each	**$0 30**
No. 11.	3/16 inch.....Each	**30**
No. 12.	1/4 inch.....Each	**30**
No. 13.	5/16 inch.....Each	**30**
No. 14.	3/8 inch.....Each	**40**
No. 15.	7/16 inch.....Each	**40**
No. 16.	1/2 inch.....Each	**40**
No. 17.	5/8 inch.....Each	**40**
No. 18.	3/4 inch.....Each	**40**
No. 18½.	13/16 inch.....Each	**50**
No. 19.	7/8 inch.....Each	**50**

Beading Tools.

No. 21.	1/8 inch.....Each	**$0 30**
No. 22.	3/16 inch.....Each	**30**
No. 23.	1/4 inch.....Each	**30**
No. 24.	5/16 inch.....Each	**40**
No. 25.	3/8 inch.....Each	**40**
No. 26.	7/16 inch.....Each	**50**
No. 27.	1/2 inch.....Each	**50**

PARTS FOR "FORTY-FIVE" PLANES

SPECIAL CUTTERS



These Parts Are Not Carried in Stock, But Can Be Ordered Shipped Direct From Factory.

No. 2. 1½ inch. Sash Tool. Each **$1 00**

Beading Tools.

No. 28.	⅝ inch.....Each	**$0 60**
No. 29.	¾ inch.....Each	**60**

Fluting Tools.

No. 31.	3/16 inch.....Each	**$0 60**
No. 32.	1/4 inch.....Each	**60**
No. 33.	5/16 inch.....Each	**60**
No. 34.	3/8 inch.....Each	**60**
No. 35.	7/16 inch.....Each	**60**
No. 36.	1/2 inch.....Each	**60**
No. 37.	5/8 inch.....Each	**60**
No. 38.	3/4 inch.....Each	**60**

Reeding Tools.

No. 212.	1/8 inch. 2 beads. Each	**$0 40**
No. 213.	1/8 inch. 3 beads. Each	**60**
No. 214.	1/8 inch. 4 beads. Each	**80**
No. 215.	1/8 inch. 5 beads. Each	**1 00**
No. 222.	3/16 inch. 2 beads. Each	**40**
No. 223.	3/16 inch. 3 beads. Each	**60**
No. 224.	3/16 inch. 4 beads. Each	**80**
No. 225.	3/16 inch. 5 beads. Each	**1 00**
No. 232.	1/4 inch. 2 beads. Each	**40**
No. 233.	1/4 inch. 3 beads. Each	**60**
No. 234.	1/4 inch. 4 beads. Each	**80**
No. 235.	1/4 inch. 5 beads. Each	**1 00**

PARTS FOR "FORTY-FIVE" PLANES

SPECIAL BOTTOMS

To work hollows and rounds, or a nosing cutter in the No. 45 plane, specially formed bottoms are furnished called hollows, rounds, or nosing tools.

A hollow and its cutters will form a ROUND on the moulding being worked. A Round and its cutters will form a HOLLOW. A nosing tool and its cutters will form what might be called an exaggerated round, as in shaping edges of stair treads. Hollows and rounds are made in four sizes, and are usually sold in sets, a set comprising one hollow, one round and two cutters. A nosing tool includes one cutter.

No. 6. Hollow and round, ½ inch cutters; work ¾ inch circle. Pair **$2 80**

No. 8. Hollow and round, ⅝ inch cutters; work 1 inch circle. Pair **$2 80**

No. 10. Hollow and round, ¾ inch cutters; work 1¼ inch circle. Pair **$3 00**

No. 12. Hollow and round, 1 inch cutters; work 1½ inch circle. Pair **$3 00**

No. 5. Nosing tool, 1¼ inch cutters; work 1¼ inch circle.....Each **$2 00**

TONGUE AND GROOVE MATCH PLANES

STANLEY

Swinging Fence.

Nickel Plated. Rosewood Knob.

This form has two plow cutters of same width, and one extra wide cutter The fence in one setting exposes two cutters for cutting the tongue, and when reversed, leaves only one exposed for cutting groove. On thicker boards than the plane works on center, the extra wide cutter is used when cutting tongue.

No. 48. Cuts 5/16 in. groove, on boards ¾ in. to 1¾ in. Centers on ⅞ in. Wt. ea. 2½ lbs. .....Each **$6 30**

One in a box.

"FIFTY-FIVE" COMBINATION PLANES

STANLEY

Nickel Plated.

This tool, in addition to being a beading and center beading plane, plow, dado, rabbet, filletster, match plane, sash plane and slitting plane is also a superior moulding plane, and will accommodate cutters of almost any shape and size. In fact, it is "A PLANING MILL WITHIN ITSELF."

The regular equipment sent comprises fifty-five cutters, all of which are shown in cut. These cutters, together with plane and all attachments, are packed in a neat box. A further line of forty-one cutters can be supplied from factory. Cutters of practically any form can be used in plane, which owner can make from blanks or order from sketch. All metal parts are nickel plated. Handle and fences are made of selected rosewood, and every part is well finished.

No. 55. With 55 cutters. Wt. each, 15¼ lbs. .....Each $30 00

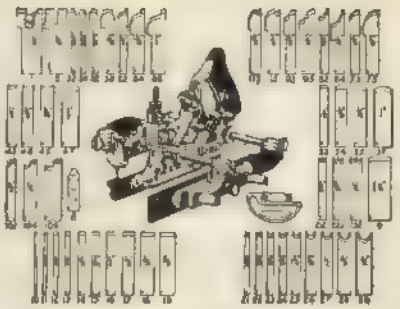
One in a box.

The following cutters are furnished with each plane. The price is given in case duplicates are required.

No. 1.	1½ inch. Sash Tool.	Each	$1 00
No. 5.	¼ inch. Match Tool.	Each	1 00
No. 6.	3/16 in. Match Tool.	Each	1 00
No. 8.	Slitting Tool.....	Each	60
No. 9.	1¼ inch. Filletster..	Each	50

Plow and Dado Tools.

No. 10.	1/8 inch.	Each	$0 30
No. 11.	3/16 inch...	Each	30
No. 12.	1/4 inch..	Each	30
No. 13.	5/16 inch.....	Each	30
No. 14.	3/8 inch	Each	40



Plow and Dado Tools.

No. 15.	7/16 inch...	Each	$0 40
No. 16.	1/2 inch.....	Each	40
No. 17.	5/8 inch.....	Each	40
No. 18.	3/4 inch.....	Each	40
No. 18½.	13/16 inch.....	Each	50
No. 19.	7/8 inch.....	Each	50

Beading Tools.

No. 21.	1/8 inch.....	Each	$0 30
No. 22.	3/16 inch.	Each	30
No. 23.	1/4 inch	Each	30
No. 24.	5/16 inch.....	Each	40
No. 25.	3/8 inch.	Each	50
No. 26.	7/16 inch	Each	50
No. 27.	1/2 inch..... .	Each	50
No. 28.	5/8 inch.....	Each	60

Fluting Tools.

No. 32.	1/4 inch.....	Each	$0 60
No. 34.	3/8 inch..... ...	Each	60
No. 36.	1/2 inch.....	Each	60
No. 38.	3/4 inch	Each	60

Chamfer.

No. 40.	3/4 inch, Right....	Each	$1 00
No. 41.	3/4 inch, Left.....	Each	1 00

Hollows.

No. 43.	1/2 inch.....	Each	$0 40
No. 44.	5/8 inch.....	Each	40
No. 45.	3/4 inch...	Each	40
No. 47.	1 inch.....	Each	40

Rounds.

No. 53.	1/2 inch..... .	Each	$0 40
No. 54.	5/8 inch	Each	40
No. 55.	3/4 inch.....	Each	40
No. 57.	1 inch.....	Each	40

Quarter Hollows.

No. 62.	1/2 inch.....	Each	$0 90
No. 64.	3/4 inch.....	Each	1 00

Quarter Rounds.

No. 73.	5/8 inch.....	Each	$0 90
No. 75.	7/8 inch.....	Each	1 00

Reverse Ogees.

No. 82.	1/2 inch.....	Each	$0 90
No. 84.	3/4 inch..	Each	1 00
No. 86.	1 inch..... .. .	Each	1 00

Roman Ogees.

No. 93.	5/8 inch.....	Each	$0 90
No. 95.	7/8 inch.....	Each	1 00

Grecian Ogees.

No. 102.	1/2 inch.....	Each	$0 90
No. 104.	3/4 inch.... ..	Each	1 00
No. 106.	1 inch.....	Each	1 00

Quarter Round with Bead.

No. 113.	5/8 inch.....	Each	$0 90
No. 115.	7/8 inch.....	Each	1 00

Beading Tools, 2 Beads.

No. 212.	1/8 inch.....	Each	$0 40
No. 222.	3/16 inch.....	Each	40
No. 232.	1/4 inch.....	Each	40

SPECIAL CUTTERS FOR "FIFTY-FIVE" PLANES

These cutters are not carried in stock but can be ordered shipped direct from factory.

No. 2.	1½ inch, Sash Tool.	Each	$1 00

Beading Tools.

No. 29.	3/4 inch.....	Each	60

Fluting Tools.

No. 31.	3/16 inch.....	Each	60
No. 33.	5/16 inch..... .	Each	60
No. 35.	7/16 inch..... ..	Each	60
No. 37.	5/8 inch.....	Each	60

Hollows.

No. 42.	⅜ inch..... ..	Each	40
No. 46.	⅞ inch.....	Each	40

Rounds.

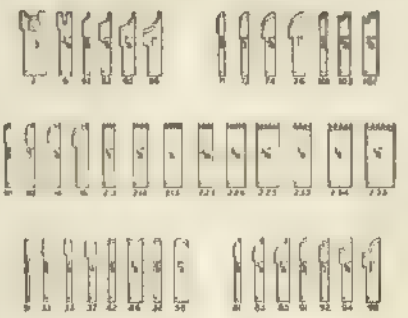
No. 52.	⅜ inch..... ..	Each	40
No. 56.	⅞ inch	Each	40

Quarter Hollows.

No. 61.	⅜ inch....	Each	90
No. 63.	⅝ inch	Each	90
No. 65.	⅞ inch	Each	1 00
No. 66.	1 inch.....	Each	1 00

Quarter Rounds.

No. 71.	⅜ inch.....	Each	90
No. 72.	½ inch...	Each	90
No. 74.	¾ inch...	Each	1 00
No. 76.	1 inch.....	Each	1 00



Reverse Ogees.

No. 81.	⅜ inch	Each	90
No. 83.	⅝ inch.....	Each	90
No. 85.	⅞ inch..	Each	1 00

Roman Ogees.

No. 91.	⅜ inch.....	Each	90
No. 92.	½ inch....	Each	90
No. 94.	¾ inch....	Each	1 00
No. 96	1 inch.....	Each	1 00

Grecian Ogees.

No. 101.	⅜ inch.....	Each	90
No. 103.	⅝ inch.....	Each	90
No. 105.	⅞ inch.	Each	1 00

Quarter Rounds with Bead.

No. 111.	⅜ inch.....	Each	90
No. 112.	½ inch.....	Each	90
No. 114.	¾ inch..	Each	1 00
No. 116.	1 inch....	Each	1 00

Reeding Tools.

No. 213.	1/8 inch. 3 beads	Each	$0 60
No. 214.	1/8 inch. 4 beads	Each	
No. 215.	1/8 inch. 5 beads	Each	1 00
No. 223.	3/16 inch. 3 beads	Each	60
No. 224.	3/16 inch. 4 beads	Each	80
No. 225.	3/16 inch. 5 beads	Each	1 00
No. 233.	1/4 inch. 3 beads	Each	60
No. 234.	1/4 inch. 4 beads	Each	80
No. 235.	1/4 inch. 5 beads	Each	1 00

ROUTER PLANES

STANLEY

For surfacing the bottom of grooves or other depressions parallel with the surface of the work. A wooden bottom of any size can be attached to Nos. 71, and 71½ to router on large openings.

OPEN THROAT

The cutters are adjustable, and can be held on the front of the cutter post for regular work or on the back, for bull-nose work. An attachment is furnished for closing the throat, for use on narrow surfaces, and regulating depth of cut. Maple knobs, nickel plated.

Three cutters are furnished: ¼ and ½ inch router cutters and a patented (3 piece) "V" or smoothing cutter.

No. 71. Length 7½ ins. Wt. ea., 2⅝ lbs. .. ..Each $3 90

CLOSED THROAT

The cutters are adjustable and can be held on the front of the cutter post for regular work or on the back for bull-nose work Maple knobs, nickel plated.

Three cutters are furnished: ¼ and ½ ins. router cutters and a patented (3 piece) "V" or smoothing cutter.

No. 71½. Length 7½ ins. Wt. ea., 2½ lbs ....Each $3 10

All above, one in a box.

EDGE TRIMMING PLANES

STANLEY

Japanned.

Designed especially for trimming or smoothing ends of boards, such as sidings, etc., for a square or close fit. Has right angle rest or guide from cutter edge, and cutter works on a skew giving an easy shaving cut. In the rest or guide are two screw holes to which wood blocks of various bevels may be attached enabling user to make a slanting cut.

No. 95. Length 6 inches; cutter ⅞ inch. Wt. each, 1¼ lbs. ..Each $2 50

VENEER SCRAPER PLANES

STANLEY

Single Handle.

Has rosewood handle and knob, having same form as regular Bailey plane, and preferred by some users to the two-handle or double grip form of scraper plane; blades are adjustable endwise and for angle, and can be firmly locked in position desired; can also be used as a toothing plane, doing excellent work in scraping off old paint or glue, and in roughing up surface of wood preparatory to veneering same.

No. 112. Length 9 inches; cutter 2⅜ inches; japanned. Wt. each, 4 lbs. .....Each $5 10

All above one in a box.

DOVETAIL PLANES

STANLEY

The only plane manufactured that will cut a dovetail. It will cut any size grooves and tongues to fit, with sides at flare of 20 degrees, where the width of the neck is more than ¼ inch and the depth of the groove not more than ⅝ of an inch. The tongue and groove are cut separately and can be made with parallel or tapering sides.

No. 444. Nickel plated. Length 6 ins. Wt. ea. 5 lbs. ....Each $10 65

SCRAPER PLANES

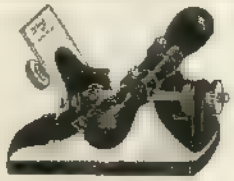
STANLEY

Double grip, rosewood handle. Blades are adjustable endwise and for angles. Japanned.

IRON BOTTOM

No 12. Length 6¼ inches. Width of blade 2⅜ inches. Wt. ea., 3½ lbs .....Each $4.70

HARDWOOD BOTTOM



No. 12½. Length 6¼ inches. Width of blade 2⅜ inches. Wt. ea. 4 lbs. .....Each $6 40

All above, one in a box.

EXTRAS FOR NOS. 12 AND 12½ SCRAPERS

For Use with Nos. 12 and 12½ Scraper Planes.

Blades .. . .Each $0 60
Bottoms .. . . Each 0 75

TOOTHING CUTTERS

For Use with Nos. 12 and 12½ Scraper Planes.

Fine Teeth. Width 2⅜ ins. Wt. doz., 3½ lbs .....Dozen $12 00

Coarse Teeth. Width 2⅜ inches. Wt. doz., 3½ lbs .....Dozen $12 00

RATCHET RAIL BENDERS

Steel screw, machine cut; square threads, three to the inch. Malleable iron ratchet plates, forged steel milled ratchets. Malleable cap to fit rails.

Nos.	Each	Capacity Size of Rails	Span of Hooks, Ins	Diam of Screws, Ins	Wt Each, Lbs
5	✚$135 00	100	28	2¾	200
4	✚ 121 50	85	28	2⅝	160
3	✚ 88 50	75	24	2½	120
2	✚ 67 50	50	20	2¼	90
1	✚ 57 75	25	16	2	70
0	✚ 48 75	18	14	1¾	50
00	✚ 56 25	10	14	1⅛	40

Packed loose.

RAIL BENDERS

JIM CROW

Best wrought iron machine cut square threads; steel screw. Benders furnished less bar as shown in illustration.

Nos.	B	C	D	E
Bends rail, lbs	75	50	25	16 to 20
Span of claw, ins	24	20	16	14
Wt, lbs	115	85	65	40
Each	✚$55 50	52 50	38 55	29 25

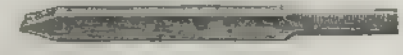
Packed loose.

CROW BARS

Pinch Point. Solid cast steel, oil finish; for general use.

Nos.	10P	12P	14P	16P	18P
Wt each, lbs	10	12	14	16	18
Length, ft	4	4¼	4½	4⅝	5
Size points, ins	1x1	1⅛x1⅛	1⅛x1⅛	1¼x1¼	1¼x1¼
Per 100 Lbs			$20 55		
Nos.	**20P**	**22P**	**25P**	**30P**	**35P**
Wt each, lbs	20	22	25	30	35
Length, ft	5⅛	5⅛	5½	6⅛	6½
Size point, ins	1¼x1¼	1⅜x1⅜	1⅜x1⅜	1½x1½	1½x1½
Per 100 Lbs			$20 55		
Nos.			**40P**	**50P**	**60P**
Wt each, lbs			40	50	60
Length, ft			7	7½	7⅞
Size point, ins			1⅝x1⅝	1¾x1¾	1⅞x1⅞
Per 100 Lbs			✚$20 10	✚24 00	✚26 10

Packed loose.



Wedge Point. Solid cast steel, oil finish; for general use.

Nos.	10W	12W	14W	16W	18W
Wt each, lbs	10	12	14	16	18
Length, ft	4	4⅛	4⅜	4⅝	5
Size points, ins	1x1	1⅛x1⅛	1⅛x1⅛	1¼x1¼	1¼x1¼
Per 100 Lbs			$20 10		
Nos.	**20W**	**25W**	**30W**	**35W**	**40W**
Wt each, lbs	20	25	30	35	40
Length, ft	5⅛	5½	6⅛	6½	7
Size points, ins	1¼x1¼	1⅜x1⅜	1½x1½	1½x1½	1⅝x1⅝
Per 100 Lbs	$20 10	20 10	✚20 10	✚20 10	✚20 10

Packed loose.

✚Ratchet and Rail Benders—F. O. B. Indiana Factory Only.
✚Crow Bars—F. O. B. Pennsylvania Factory Only.

CAR WRENCHES

ADVANCE SAFETY

Cast steel black japanned finish; maple handle natural finish. Automatically adjusts itself for attaching to any size winding tap on standard drop bottom cars.

Each

No. 50SCW—Length of handle 52 ins ..... ✚$15 75

Packed loose; wt each 14 lbs.

CAR MOVERS

NEW BADGER

Cast steel, black japanned finish; natural finish select northern maple handle. A combination of a pinch bar and toggle action which provides great force, importing a turning motion to the wheel, moving car forward. Equipped with slip-proof spurs that grip the unpolished edges of rail eliminating the possibility of mover slipping.

Each

No. 5—Length handle 53 ins $16 50

Packed loose; wt each 18 lbs.

EXTRA SPURS

For No. 5 car movers.

Per Set

No. 22—Two Slip-proof safety spurs $1 65

Packed loose; wt per set 4 ozs.

EASY

Japanned, solid steel bar, tempered at points; malleable iron heel with extended lugs to prevent slipping; finest tool steel triangular bit, grips rail firmly and prevents slipping back. Bit can be inverted and all three sides used. Steel spring prevents bit touching rail when not in actual operation.

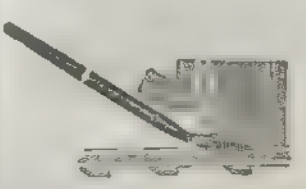
Each

No. 15—Length 6⅜ ft with extra triangular bit; wt each 20 lbs $13 50

No. 15B—Extra bits; wt each ⅛ lb 81

Packed loose.

ATLAS



Japanned malleable iron frame and socket; finest tool steel square heel, can be inverted and all four sides used. Selected maple handle, varnished. By the compound lever arrangement the moving power is applied on the rim of the wheel so far from its contact with the rail that the moving force is utilized to roll it forward, instead of wasted in an effort to raise it from the track.

Each

No. 10—Length over all 67 ins; complete with handle; wt each 15 lbs $16 50

Per Pair

No. 10B—Extra bits; wt each ⅛ lb $1 20

Packed loose.

✚F. O. B. Wisconsin Factory Only.

GRUB HOES

—BLUE GRASS—

Highest grade crucible cast steel, tempered in lead bath; painted green body; polished bit; adze eye pattern.

Nos.	BG40	BG41	BG42
Length over all, ins	11	11	11
Width cut, ins	3½	3¾	4
Wt doz about, lbs	40	47	50
Per Doz	$24 00	24 60	25 95

Two doz in wood box.

—CYCLONE—

Solid cast steel body and bit; black japanned finish; bit tempered in lead bath and polished; adze eye pattern.

Nos.	30	31	32
Length over all, ins	11	11	11
Width cut, ins	3½	3¾	4
Wt doz about, lbs	40	47	
Per Doz	$18 30	19 35	19 95

Two doz in wood box.

HAZEL HOES

—BLUE GRASS—

Round adze eye; highest grade crucible cast steel, tempered in lead bath; painted green body polished bit. Per Doz

No. BG440—Length over all 9½ ins; width cut 6 ins $41 25

Two doz in wood box; wt per doz about 42 lbs.

—CYCLONE—

Oval eye; cast steel body and bit; japanned body, bits tempered in lead bath and polished.

Nos.	340-5	340-6
Length over all, ins	10	9
Width cut, ins	5	6
Per doz	$30 00	30 00

Two doz in wood keg; wt per doz about 42 lbs.

PALMETTO HOES

—BLUE GRASS—

Adze eye; highest grade crucible cast steel, tempered in lead bath; painted green body; polished bit.

Per Doz

No. BG43—Length over all 11 ins; width cut 6 ins $44 25

Two doz in wood box; wt per doz about 58 lbs.

—CYCLONE—

Adze eye; cast steel body and bit; japanned body; bits tempered in lead bath and polished. Per Doz

No. 430—Length over all 11½ ins; width cut 6 ins $39 00

Two doz in wood box; wt per doz 42 lbs.

ACCOMAC HOES

—CYCLONE—

Adze eye; cast steel body and bit; japanned body; bits tempered in lead bath and polished. Per Doz

No. 33—Length over all 11 ins; width cut 6 ins $38 25

Two doz in wood box; wt per doz 48 lbs.

RAILROAD PICKS

—BLUE GRASS—
Standard Pattern.

Highest grade crucible cast steel, tempered in lead bath; painted green body; polished bits; adze eye pattern.

Nos.	BG45	BG46	BG47
Assorted wts, lbs	5 to 6	6 to 7	7 to 8
Length over all, ins	20	25	28
Wt per doz about, lbs	72	84	96
Per Doz	$27 00	28 65	30 60

Two doz in wood box.

—CYCLONE—
Standard Pattern.

Solid cast steel body and points; japanned body; points tempered in lead bath and polished, adze eye pattern.

Nos.	35	36	37
Assorted wts, lbs	5 to 6	6 to 7	7 to 8
Length over all, ins	21	25	28
Wt per doz about, lbs	72	84	96
Per Doz	$20 55	22 05	23 40

Two doz in wood box.

STANDARD—SPECIAL

Solid cast steel body and points, natural finish; points tempered in lead bath; adze eye pattern. Per Doz

No. 600—Length over all 24 ins $19 50

Two doz in case; wt per doz about 75 lbs.

DRIFTING PICKS

—BLUE GRASS—

Highest grade soft steel body; genuine tool steel inserted tempered points; painted green body; polished points; adze eye.

Nos.	BG474½	BG475	BG476	BG477
Wt each, lbs	4½	5	6	7
Length over all, ins	21	23	25	27
Wt per doz, lbs	54	60	72	864
Per Doz	$28 65	30 60	✣33 45	✣37 20

Two doz in wood case.

POLL PICKS

—BLUE GRASS—

Highest grade soft steel body; hardened steel poll; genuine tool steel inserted tempered point; painted green body and poll; polished point; adze eye. Per Doz

No. BG484—Length over all 14½ ins $30 60

Two doz in wood case; wt per doz 48 lbs.

LEAD MINERS' PICKS

—BLUE GRASS—

Highest grade soft steel body; hardened steel poll; genuine tool steel inserted tempered point; painted body and poll; polished point; adze eye. Per Doz

No. BG496—Length over all 16¾ ins $48 00

Two doz in wood case; wt per doz 72 lbs.

MILL PICKS

—BLUE GRASS—

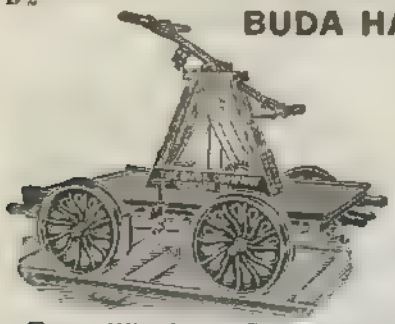
Extra quality crucible steel, with blue body and polished bits.

Nos.	BG1½	BG1¾	BG2
Wt each, lbs	1½	1¾	2
Length over all, ins	7⅝	8¼	8½
Width cut, ins	1⅛	1¼	1⅜
Wt doz, lbs	18	21	24
Per Doz	$24 00	28 50	31 50

One doz in wood box.

✣F. O. B. Pennsylvania Factory Only.

BUDA HAND CARS



BUDA FOUNDRY AND MFG. CO.

Helical Cars.

Unless otherwise specified hand cars will be furnished with helical gears. The teeth are cut in a diagonal manner creating a continuous rolling contact.

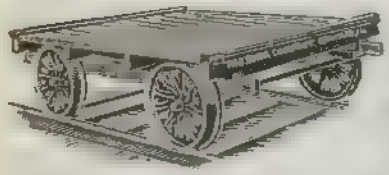
Taper Wheel and Pinion Fit—Furnished with the improved taper fit on wheels and pinions, unless otherwise desired. If straight fit is preferred, this fact should be specified when ordering.

Framework—Specially selected maple, thoroughly seasoned. Platforms or decking is of long leaf pine dressed on both sides to uniform thickness. Each

No. 1—Buda standard hand cars, standard gauge, platform 6 ft long by 4 ft 5 ins wide; axles 1 3/4 ins in diam; wheels 20 ins in diam; wt 525 lbs ..... ✚$288 00

HARVEY PUSH CARS

BUDA FOUNDRY AND MFG. CO.



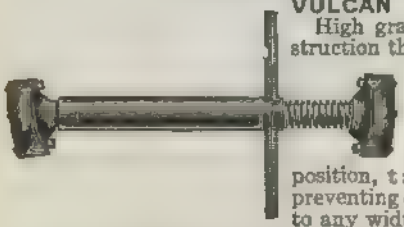
Pressed steel wheels taper fitted to axles, unless straight fit is specified on oraer. These cars can also be furnished with insulated axles for use on roads using block systems with track circuits. These are always extra and cars so desired should be specifed on order, otherwise they will be shipped without insulation.

The framework s/ lected maple thoroughly seasoned. Platform or decking long leaf pine, dressed on both sides to uniform thickness and has hardwood end rail at each end, bound with iron strap. Each

No. 4—Standard gauge, platform 7 ft. long by 5 ft 6 1/2 ins wide; axles 1 3/4 ins. in diam; wheels 20 ins in diam; wt 850 lbs..... ✚$225 00

TRENCH BRACES

VULCAN



High grade steel and iron construction throughout, black finish. The ball and socket joints forming the ends will immediately assume the angle of planking when put in position, taking a firm bearing preventing caving. Easily adapted to any width of ditch by changing the length of tubing which is standard gas pipe. Can be extended one half the length of threaded screw.

Nos.	Per Doz	Size Screw Ins	Lgth of Brace closed, Ins	Wt Per Doz Lbs
VB1 1/2-10-16	✚$ 80 25	1 1/2x10	16	190
VB1 1/2-12-18	✚ 80 25	1 1/2x12	18	198
VB1 1/2-14-21	✚ 83 25	1 1/2x14	21	215
VB1 1/2-14-24	✚ 83 25	1 1/2x16	24	224
VB1 1/2-16-27	✚ 90 00	1 1/2x16	27	240
VB1 1/2-16-30	✚ 90 00	1 1/2x16	30	246
VB1 1/2-18-36	✚ 92 25	1 1/2x18	36	270
VB1 1/2-18-42	✚ 96 75	1 1/2x18	42	285
VB1 1/2-18-48	✚ 100 50	1 1/2x18	48	300
VB2 -18-36	✚ 176 25	2x18	36	517
VB2 -18-42	✚ 179 25	2x18	42	538
VB2 -18-48	✚ 183 00	2x18	48	560
VB2 -18-54	✚ 186 00	2x18	54	590
VB2 -18-60	✚ 192 00	2x18	60	604

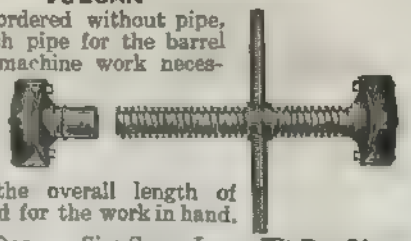
Packed loose.

✚F. O. B. Illinois Factory Only.

TRENCH BRACE FITTINGS

VULCAN

When braces are ordered without pipe, contractors may furnish pipe for the barrel required as is there no machine work necessary other than drilling for a 1/4 inch cotter pin about 5/8 inches from end. The pipe should be cut about 7 inches shorter than the overall length of complete brace required for the work in hand.



Nos.	Per Doz	Size Screw Ins	Wt Doz Lbs
Screws Without Pipe.			
VF1 1/2-12	✚$ 69 75	1 1/2x12	175
VF1 1/2-14	✚ 72 75	1 1/2x14	180
VF1 1/2-16	✚ 76 50	1 1/2x16	190
VF1 1/2-18	✚ 80 25	1 1/2x18	196
VF2 -18	✚ 154 50	2x18	415
Screw Ends Only.			
VSE1 1/2-12	✚$ 52 50	1 1/2x12	123
VSE1 1/2-14	✚ 56 25	1 1/2x14	130
VSE1 1/2-16	✚ 59 25	1 1/2x16	140
VSE1 1/2-18	✚ 62 55	1 1/2x18	146
VSE2 -18	✚ 113 25	2 x18	300

Packed loose.

JACK SCREWS

SIMPLEX JUNIOR

Refined grey iron, duco lacquer finish; screw and head forged from one solid piece of steel. Hand hole formation permits the screw to be in sight at all times, informs operator how high screw may be safely run. Carrying handle is a formed portion of hand hole and acts as a brace to strengthen jack.

For house, farm, garage, mechanic, carpenter and shop use. With 14 inch round steel lever 1/2 inch in diameter. Each

No. 16—5 ton capacity; size 1x6 ins; height closed 8 ins; safe operating height 12 1/4 ins..... $3 90

Half doz in carton; wt each 5 lbs.

Cast iron frame, wrought iron screw. Threads fine enough for power, and coarse enough for speed. Standards shaped to insure strength; used for raising buildings, cars, engines, boilers, locomotives etc.

Nos.	Each		Screw, Diam Ins	Stand, H'gth Ins	Overall, Ins	Cpy, Tons.	Wt Lbs
1	6 15	$4 25	1 1/2	8	12	12	14 1/2
2	6 75	4 75	1 1/2	10	14	12	17
3	7 50	5 25	1 1/2	12	16	12	19
4	8 10	5 75	1 1/2	10	14	16	22
5	8 70	6 25	1 1/4	12	16	16	26
6	9 45	6 75	2	10	14 1/2	20	27
7	10 35	7 50	2	12	16 1/2	20	29
8	11 55	8 25	2	14	18 1/2	20	34
9	13 05	9 25	2	16	20 1/2	20	38
10	14 25	10 25	2	18	22 1/2	20	42
11	✚ 16 05	11 50	2	20	24 1/2	20	50
12	✚ 20 25	14 50	2 1/4	22	27	24	59
13	✚ 15 30	10 75	2 1/2	12	18	28	40
14	✚ 18 45	13 25	2 1/2	16	22	28	55
15	✚ 20 25	14 50	2 1/2	18	24	28	62
17	✚ 25 50	18 25	2 1/2	24	30	28	72

✚Jack Screws—F. O. B. Wisconsin Factory Only.
✚Trench Brace Fittings—F. O. B. Illinois Factory Only.

TRACK TOOLS

Special high grade steel, carefully tempered and tested; natural finish.

SPIKE MAULS

Oval eye; standard pattern; length 12 inches.

Nos.	6-8	6-10
Wt each, lbs	8	10
Each	$2 85	3 30

Packed loose.

TRACK CHISELS

Per 100 lbs

No. 1—Oval eye; cold chisel bit 1¼ ins wide; length 8½ ins $75 00

Packed loose; wt each 4½ lbs.

SPECIAL RAILROAD CLAY PICKS

Adze eye; special high grade steel, natural finish; well balanced. For railroads, traction companies, mines, etc.

Nos.	7-7	7-8
Length, ins	24	25
Wt each, lbs	7	8
Per Doz	$22 80	24 75

Two doz in wood box.

Special high grade steel, carefully tempered and tested, natural finish.

TAMPING PICKS

Adze eye; hard sharp points; V tamper.

Nos.	2-7	2-8
Wt each, lbs	7	8
Length over all, ins	23½	24
Per Doz	$28 95	31 20

Two doz assorted in wood box; wt 200 lbs.

RAIL TONGS

Per 100 lbs

No. 11—Length each arm 19 ins; drop 9½ ins; solid steel bolt $33 75

Packed loose; wt each 18 lbs.

TRACK WRENCHES

Socket ¾ inch thick.

Nos.	14-1¼	14-1⅜	14-1½
For nuts, ins	1¼	1⅜	1½
Length handle, ins	26	26	28
Wt each, lbs	6	7	8
Per 100 lbs		$27 45	

Packed loose.

RAIL FORKS

Per 100 lbs

No. 12—Length 2¼ ft; width slot ¾ in; 1⅜ in. thick ✱$30 00

Packed loose; wt each 20 lbs.

LINING BARS

Per 100 lbs

No. 9—Wedge poin $22 05

Packed loose; wt each 25 lbs.

CLAW BARS

Per 100 lbs

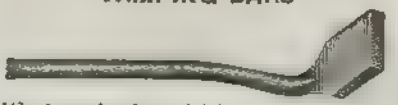
No. 4—With heel, length 5 ft; for ⅞ in. spikes $27 45

Packed loose; wt each 28 to 30 lbs.

✱F. O. B. Pennsylvania Factory Only.

TRACK TOOLS

TAMPING BARS

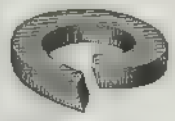


Per 100 lbs

No. 10—Width tamping bar 3⅜ ins; ⅞ in. thick; bent heel; length over all 5½ ft ..... ✱$25 65

Packed loose; wt each 12 lbs.

NUT LOCKS



Used to prevent nuts on locomotives, cars, etc., from expanding or loosening.

Plain.

Best spring steel, oil tempered and polished.

Nos.	1	2	3	4	5
Size, in	½	⅝	¾	⅞	1
Steel, in	11/64x11/64	13/64x13/64	1/4x1/4	17/64x17/64	5/16x5/16
Wt per 1000, lbs	17	87	57	84	146
Per 1000	$12 00	19 50	33 75	39 00	72 00

½ to ¾, 1000, ⅞ and 1 in, 500 in wood box.

Positive.

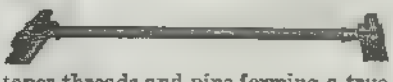
Best spring steel, oil tempered and polished.

Nos.	30	40	50
Size, in	¾	⅞	1
Steel, in	5/16x1/4	3/8x5/16	5/16x5/16
Wt per 1000, lbs	91	130	146
Per 1000	$76 50	112 50	120 00

⅝ and ½, 1000; ⅞ and 1 in, 500 in wood box.

TRACK GAUGES

HUNTINGTON

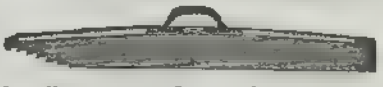


Wrought iron, gas pipe stem; malleable iron heads fastened by taper threads and pins forming a true right angle; inaccuracies at frogs, curves and switches obviated. Per Doz

No. 5—Length 56½ ins $78 00

Packed loose; wt per doz 140 lbs.

TRACK LEVELS



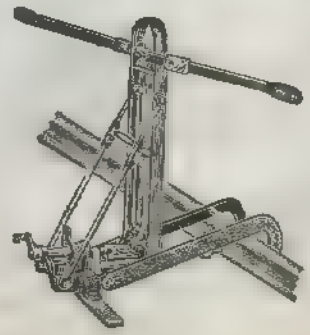
White pine with steel band; painted and varnished, spirit level set in top and protected by handle; one end cut in steps and used to obtain proper elevation at curves. Each

No. 10—Length 6¼ ft, 5 ins wide $6 45

One doz in box; wt each 8 lbs.

TRACK DRILLS

PAULUS



Malleable iron frame, requires no adjustment, can be instantly thrown back out of way of passing trains; automatic feed permits drilling of heaviest rail without stopping. May be used on angle bars, steel girders, etc. Height 33 inches; width 9¼ inches; width of foot plate 22 inches; length handles 11 inches. Each

No. 1—For drill bits having 2¼x11/16 in. round shank; our Blue Grass No. 403 ..... $72 00

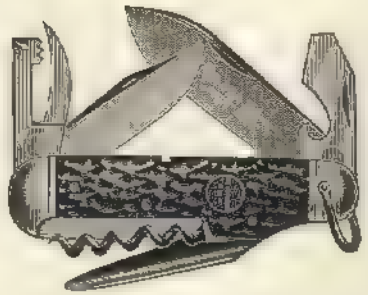
Packed loose; wt each 100 lbs.

✱F. O. B. Pennsylvania Factory Only.

POCKET KNIVES

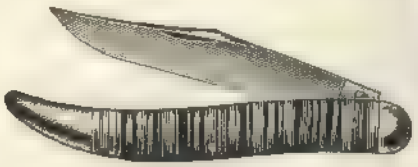
REMINGTON

Fully Warranted.



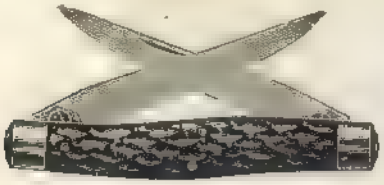
Combination.

No. R3843. 3½ inch; stag handle; combination outing knife; just the thing for tourist, or camper; its many features make it much more than a knife; has large spear and small clip blade, also can opener, screw driver, cap lifter, cork screw and punch; also shackle for fastening to belt. Nickel silver bolsters; brass lined. Dozen **$56 00**

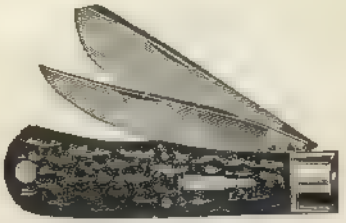


No. R955. 5 inch; red striped Pyremite handle; long clip blade; a fisherman's necessity; just the tool for scraping, cleaning and ripping fish; brass lined. .....Dozen **$18 00**

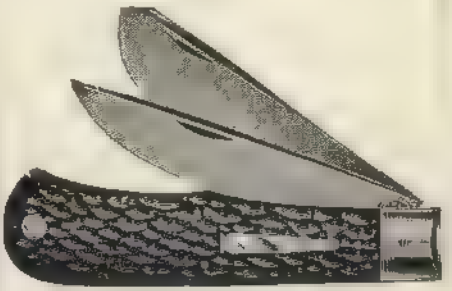
No. R1613. 5 inch; same as R955 shown above, except with stag handle; has disgorger. (Note fork on end of handle.) .....Dozen **$24 00**



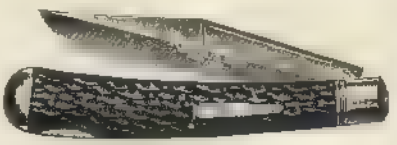
No. R4593. 3⅞ inch; trappers' knife; stag handle; two lance blades; polished steel bolsters and lining. Doz. **$18 00**



No. R1173. 3½ inch; stag handle; large sticking blade crocus polished and etched; skinning blade blue glazed; nickel silver bolsters and cartridge shield; brass lining; hole in butt for thong. .....Dozen **$30 00**

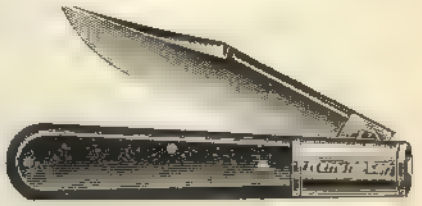


No. R1123. 4½ inch; stag handle; large Turkish clip and skinning blades, a fine knife for the hunter or trapper nickel silver bolsters; brass lined .....Dozen **$40 00**



No. R1253. 5¼ inch hunting knife; stag handle with flush lock-back; length of blade 4½ inch; nickel silver cap and bolsters; brass lined..Dozen **$48 00**

No. R1306. 4½ inch hunting knife; genuine stag handle; flush lock-back blade 3¾ inches long; nickel silver bolster and lining; has thong hole in handle. .....Dozen **$54 00**

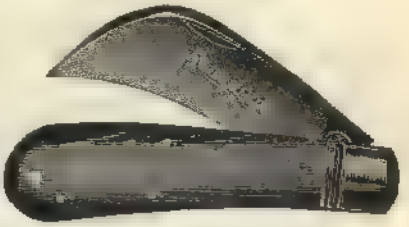


No. RB1240. 5 inch; hunting knife. Barlow pattern; brown bone handle; one large clip blade blue glazed; polished steel bolster and lining. Dozen **$18 00**

FLORIST KNIVES

No. R4495. 3¾ inch; white pyremite handle; one each budding and grafting blades; nickel silver bolsters; brass lined. .....Dozen **$24 00**

No. R3853. 4 inch; stag handle; one each budding and pruning blades; nickel silver bolsters; brass lined. .....Dozen **$24 00**



No. R698. 4 inch pruning knife; cocobolo handle; one heavy blade for general all around bush and tree pruning; steel bolster and lining. Dozen **$20 00**

All above half dozen in a package; shipping weight about 2½ lbs. per dozen.

POCKET KNIVES

REMINGTON

Fully Warranted.

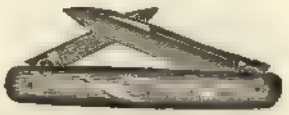
No. R728. 4½ inch pruning knife; cocobolo handle; extra heavy blade; steel bolster, lining and seal cap. .....Dozen **$27 00**

No R4548. Radio; 3¾ inch; English cocobolo handle; sheepfoot blade crocus polished and etched; screw driver; wire scraper with lock; blue glazed, nickel silver bolsters and brass lining. .....Dozen **$32 00**

PEN KNIVES.

No. R15—Ballet Knife. 3¼ inch; 2 blades, large clip and small pen; master blade crocus polished and etched; Pyremite handle in assorted colors; nickel silver bolsters; brass lined. .....Dozen **$20 00**

No. R6439. 2¾ inch; solid nickel silver handle; master blade full crocus polished; has shackle for fastening to chain; a nifty vest pocket knife. .....Dozen **$40 00**



No. R6914. 2½ in.; pearl handle; 2 blades; nickel silver lining. Dozen **$27 00**

No. R6904. 2½ inch; pearl handle; 2 blades; nickel silver lining and shackle. .....Dozen **$27 00**

No. R6484. 3 inch; pearl handle; 2 blades; nickel silver tips and lining. .....Dozen **$42.00**

No. R6844. 2¾ inch; pearl handle; 2 blades; nickel silver tips and lining; with shackle. .....Dozen **$32 00**

No. R7854. 3 inch; pearl handle; spear blade crocus polished and etched; pen blade blue glazed; one piece nickel silver lining and bolster. Dozen **$27 00**

No. R6474. 3 inch; pearl handle; spear blade crocus polished and etched; nail file blue glazed; nickel silver bolsters and lining. ....Dozen **$36 00**

No. R7084. 2⅝ inch; pearl handle; 1 cutting blade and 1 file blade on reverse side; nickel silver lining and shackle. .....Dozen **$48 00**

No. R6434. 2¾ inch; pearl handle; large spear and pen blades full crocus polished; manicure file blade on back; nickel silver shackle; milled lining. .....Dozen **$60 00**

No. R7094. 2¾ inch; pearl handle; 2 cutting blades and file; nickel silver lining and shackle. .....Dozen **$64 00**

No. R7364. 2¾ inch; pearl handle; combination knife; 2 cutting blades; pair scissors and file; nickel silver lining and shackle. .....Dozen **$96 00**

No. R7344. 3 inch; pearl handle; combination knife; 2 cutting blades and corkscrew; nickel silver caps and lining. .....Dozen **$64 00**

No. R7244. 3 inch; pearl handle; a beautiful pattern; 2 cutting blades and file; nickel silver tips and lining. .....Dozen **$48 00**

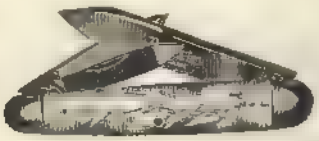
All above, half dozen in a package; Nos. R728 and R4548, shipping weight about 2½ lbs.; balance 1¼ lbs. per dozen.

POCKET KNIVES

REMINGTON

Fully Warranted.

No. R6554. 3 inch; large spear, pen and file blades; pearl handle; milled nickel silver lining; full crocus polished throughout. .....Dozen **72 00**



No. R6334. 3⅛ inch; pearl handle; large spear, pen and file blades all full crocus polished; nickel silver bolsters; milled lining. .....Dozen **$48 00**

No. R6454. 3 inch; pearl handle, gunstock pattern; 3 cutting blades and file; nickel silver tips and lining. .....Dozen **$96 00**

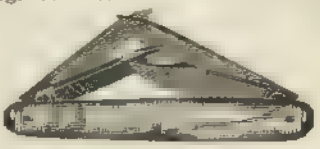
No. R6524. 3 inch; pearl handle; 3 cutting blades, all different sizes and shapes; nickel silver caps and lining. .....Dozen **$48 00**

No. R7814. 3¼ inch; pearl handle; large spear, pen and grooved file blades; nickel silver tips and lining. .....Dozen **$72 00**

All above half dozen in a package. Shipping wt. about 1¾ lbs. per dozen

No. R6654. 3½ inch; pearl handle; large spear, pen and file blades; master blade crocus polished and etched, nickel silver tips; brass lined. .....Dozen **$48 00**

No. R6534. 3⅝ inch; pearl handle, large spear, pen and file blades all full crocus polished; nickel silver tips and lining. .....Dozen **$48 00**



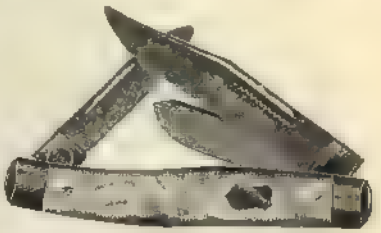
No. R7124. 3¼ inch; pearl handle; a long slender pattern; 3 cutting blades all different sizes and shapes, and file; nickel silver tips and lining. .....Dozen **$64 00**

No. R6234. 3¼ inch; pearl handle; 3 cutting blades and file; nickel silver tips and lining.....Dozen **$56 00**

All above half dozen in a package; shipping weight about 1¼ lbs. dozen

No. R3424. 3⅝ inch; pearl handle; a medium size cattle knife; 3 cutting blades; nickel silver diagonal bolsters; brass lined. Wt. doz. 2 lbs.Dozen **$56 00**

No. R4134. 3⅝ inch; pearl handle; Junior Premium stock knife; master blade crocus polished; nickel silver diagonal bolsters; milled nickel silver lining. Wt. doz. 1¾ lbs..Dozen **$48 00**



No. R3054. 3⅞ inch; standard premium stock knife; pearl handle; master blade crocus polished and etched; nickel silver bolsters; milled nickel silver lining. Wt. doz. 2¾ lbs.....Dozen **$72 00**

All above half dozen in a package.

ASSORTMENTS

No. RP128 Assortment. Contains 12 two-bladed pen knives; 8 with spear and pen; 4 with clip and pen; 6 have celluloid stag handles; 6 have assorted pyremite handles; 6 are 3 inches long and 6 are 3⅛ inches long closed; linings and bolsters are of nickel silver in one piece; blades are blue glazed and etched. Packed in an attractive cloth-lined display box. Wt. per asst. 1 lb. .....Assortment **$12 00**

No. RJ6 Assortment. Contains 12 sturdy, brass-lined, full gauge, 3½ in. 2-blade jack knives, assorted handles, rosewood, pyremite and stag. Assorted blades, clip and pen, and spear and pen. Master blade is crocus polished and etched; small blade glazed; clean inside finish. Packed in an attractive cloth-lined partitioned display box. Wt. per assortment, 2 lbs. ....Assortment **$12 00**

POCKET KNIVES

REMINGTON—ASSORTMENT

No. RM85. Stockmen's Knife Assortment. Contains 12 3⅞ in. Remington knives. Premium Stock Pattern for farm and ranch; 6 with clip, surgical (spey) and sheepsfoot blades; 4 with clip, surgical (spey) and pen blades, 2 with clip, sheepsfoot and pen blades. All have pyremite handles, assorted colors, brass linings; clip blades crocus polished and etched; other blades blue glazed. Packed in cardboard, plush-lined, hinged display box Wt. per assortment, 2 lbs. .....Assortment **$24 00**

No. RM115. Same as above but all knives have punch blade..Assmt. **$24 00**

No. RM115½. Same as above but 6 knives regular and 6 have punch blades .....Assortment **$24 00**

REMINGTON DISPLAY AND STOCK CASE

Case No. PC236.

Pacific Coast Case Deals No. PC236 of Remington Pocket knives consist of 38 selected patterns of proven sale in Pacific Coast territory and one No. 236 Remington Show Case. Size only 9 x 30½ inches on your counter, yet it shows to splendid advantage the 38 knives that are mounted on the orange colored panel (National hardware color) which is tilted to the correct angle to quickly attract the eye. The knives are securely fastened with blades open (the proper way to display pocket knives). Under each is a celluloid button with number and retail price. The 38 compartments in the rear accommodate in a compact manner the reserve stock. The knife wanted is always at your finger tips. No drawers to pull—no box to open. Can be locked if desired

No. PC236—1 Deal. Consists of a case as shown above, with no reserve stock. Shipping wt. 35 lbs. . . . .Each **$90 20**

No. PC236—2 Deal. Consists of a No. 236 display case and 1/6 dozen each of the knives listed below, with one of each mounted as shown above. Shipping wt. 40 lbs.....Each **$155 80**

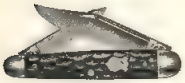
No. PC236—3 Deal. Consists of a No. 236 display case and 1/4 dozen each of the knives listed below, with one of each mounted as shown above. Shipping wt. 45 lbs. .....Each **$221 50**

No. PC236—4 Deal. Consists of a No. 236 display case and 1/2 dozen each of the knives listed below, with one of each mounted as shown above. Shipping wt. 50 lbs. .....Each **$418 50**

The following is a list of the individual numbers in the assortment, together with the factory's suggested retail prices.

No. R1623 .....$ 50	No. R1823 .....$1 00	No. RS3333 .....$1 50	No. R3963 .....$1 75
No. R33 50	No. R1853 ..... 1 00	No. RS4233 ..... 1 50	No. R7854 ..... 7 75
No. R1573CH 60	No. R6465 ..... 1 00	No. R4413 ..... 1 50	No. R7433 ..... 1 75
No. R1675 60	No. R6473 ..... 1 00	No. R4483 ..... 1 50	No. R3613 ..... 1 75
No. R1073 75	No. R1875 ..... 1 25	No. R3485 ..... 1 50	No. R3563 ..... 1 75
No. R1593 75	No. R4473 ..... 1 25	No. R3073 ..... 1 50	No. R6393 ..... 2 00
No. R1905 75	No. R7423 ..... 1 25	No. R4403 ..... 1 50	No. R6334 ..... 3 00
No. R7853 75	No. R7783 ..... 1 25	No. R3555 ..... 1 50	No. RH32 ..... 2 25
No. R1773 ..... 1 00	No. R3583 ..... 1 25	No. R3075 ..... 1 50	
No. R153 ..... 1 00	No. R4625 ..... 1 50	No. R6723 ..... 1 75	

Remington



R 7423

STAG HANDLE; TWO BLADES, 1 Large Clip, Crocus Polished and Etched, 1 Pen, Blue Glazed; Nickle Silver Bolsters, Shield and Lining.

Length, closed, 3½ inches
Weight, per dozen, 11 oz.

R 6465

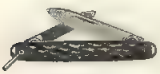
PYREMITE HANDLE; TWO BLADES, 1 Large Spear, Crocus Polished and Etched, 1 Pen, Blue Glazed; Nickel Silver Bolsters and Lining.

Length, closed, 3 inches.
Weight, per dozen, ¾ lb.

R 8003

STAG HANDLE; TWO BLADES, 1 Large Spear, Crocus Polished and Etched, 1 Flexible Nail File; Nickel Silver Tips and Lining.

Length, closed, 3 inches.
Weight, per dozen, ¾ lb.



R 7713

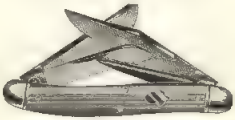
STAG HANDLE; TWO BLADES, 1 Spear Crocus Polished, 1 Nail File; Nickel Silver Tips, Shackle and Lining.

Length, closed, 2½ inches.
Weight, per dozen, 7/16 lb.

R 4365

PYREMITE HANDLE; FOUR BLADES, 1 Large Turkish Clip, Etched, 1 Pen, 1 Spey, All Full Crocus Polished, 1 Punch, Blued Inside, Polished Back; Nickel Silver Bolsters, Shield, Rivets and Lining.

Length, closed, 3⅝ inches.
Weight, per dozen, 1¾ lbs.



R 4695 R

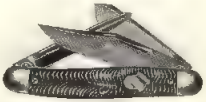
RED PYREMITE HANDLE; FOUR BLADES, 1 Large Clip, Crocus Polished and Etched, 1 Sheepfoot, 1 Spey, Both Blue Glazed, 1 Punch, Blued and Polished; Nickel Silver Bolsters and Lining.

Length, closed, 3⅞ inches.
Weight, per dozen, 2 lbs.

R 4095

PYREMITE HANDLE; THREE BLADES, 1 Large Turkish Clip, Crocus Polished and Etched, 1 Spey, Blue Glazed, 1 Punch, Blued and Polished; Nickel Silver Bolsters and Lining.

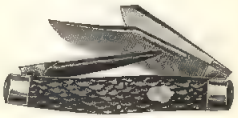
Length, closed, 3⅞ inches
Weight, per dozen, 2¼ lbs.



R 3965

PYREMITE HANDLE; THREE BLADES, 1 Large Clip, Crocus Polished and Etched, 1 Spey, Blue Glazed, 1 Punch, Blued Inside and Polished Back; Nickle Silver Bolsters and Lining.

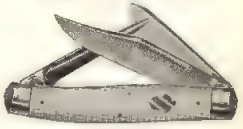
Length, closed, 3⅝ inches.
Weight, per dozen, 1¾ lbs.



R 3563

STAG HANDLE; THREE BLADES, 1 Large Clip, Crocus Polished and Etched, 1 Spey, Blue Glazed, 1 Punch, Blued and Polished; Nickel Silver Bolsters, Brass Lining.

Length, closed, 3¾ inches.
Weight, per dozen, 2½ lbs.



R 3565 W

WHITE PYREMITE HANDLE; THREE BLADES, 1 Large Clip, Crocus Polished and Etched, 1 Spey, Blue Glazed, 1 Punch, Blued and Polished; Nickel Silver Bolsters, Brass Lining.

Length, closed, 3⅞ inches.
Weight, per dozen, 2½ lbs.

R 3963

STAG HANDLE; THREE BLADES, 1 Large Clip, Crocus Polished and Etched, 1 Spey, Blue Glazed, 1 Punch, Blued Inside and Polished Back; Nickle Silver Bolsters and Lining

Length, closed, 3⅝ inches.
Weight, per dozen, 1¾ lbs.

R 4513

STAG HANDLE, THREE BLADES; 1 Long Curved Spey, Crocus Polished and Etched, 1 Clip, Blue Glazed, 1 Punch, Blued Inside and Polished Back, Nickle Silver Bolsters with Fine Line, Nickle Silver Shield, Rivets, Lining and Full Milled Center Scale.

Length, closed, 3 7/8 inches.
Weight, per dozen, 2 ¼ lbs.

REVOLVERS

IVER JOHNSON

MODEL 1900. HAMMER.

Calibers: .22, .32 and .38

Model 1900. Double action; octagon barrel; solid frame construction; simple and rugged, quick, smooth and positive in action, but does not have the celebrated "Hammer the Hammer" safety device; blued; regular rubber stocks; .22 caliber revolvers are adapted for .22 short or long rim fire, .32 caliber for .32 S. & W. center fire, .38 caliber for .38 S. & W. center fire cartridges.

.22 Caliber. 2½ inch barrel. 7 shots. Wt each, 8 ozs. .....Each **$6 00**

.22 Caliber. 4½ inch barrel. 7 shots. Wt. each, 10 ozs. .....Each **$6 50**

.32 Caliber. 2½ inch barrel. 5 shots. Wt. each, 12 ozs. .....Each **$6 00**

.32 Caliber. 4½ inch barrel. 5 shots. Wt. each, 14 ozs. .....Each **$6 50**

.38 Caliber. 2½ inch barrel. 5 shots. Wt. each, 14 ozs. .....Each **$6 00**

.38 Caliber. 4½ inch barrel. 5 shots. Wt. each, 16 ozs. .....Each **$6 50**

SAFETY HAMMER AUTOMATIC

Calibers: .32 and .38

.32 Caliber. 3 inch barrel; blued; double action safety hammer; center fire; 5 shots; regular rubber stocks; uses .32 S. & W. cartridges. Wt. ea., 13 ozs. .....Each **$11 00**

.38 Caliber. 3¼ inch barrel; blued; double action safety hammer; center fire; 5 shots; regular rubber stocks; uses .38 S. & W. cartridges. Wt. ea., 18 ozs. .....Each **$11 00**

REVOLVERS

IVER JOHNSON

SAFETY HAMMERLESS AUTOMATIC

Calibers: .32 and .38

.32 Caliber. 3 inch barrel; blued; double action safety hammerless; center fire; 5 shots; regular rubber stocks; uses .32 S. & W. cartridges. Wt. ea., 13 ozs. .....Each **$12 00**

.38 Caliber. 3¼ inch barrel; blued; double action safety hammerless; center fire; 5 shots; regular rubber stocks; uses .38 S & W. cartridges. . Wt. ea., 18 ozs. .....Each **$12 00**

COLT

POLICE POSITIVE SPECIAL

Calibers: .32-20 and .38

Double action; jointless solid frame; simultaneous ejection; 6 shots; blued; checked walnut stocks; .32-20 caliber revolver uses the .32 Winchester center fire cartridges, and the .38 caliber uses the .38 short Colt, .38 long Colt, .38 Colt special, .38 S. & W. special, full or mid-range cartridges.

Length overall, with 4 inch barrel, 8½ inches.

.32-20 Caliber. 4 inch barrel. Wt. each, 23 ozs. Each **$28 50**
.32-20 Caliber. 5 inch barrel. Wt. each, 23¾ ozs. Each **28 50**
.32-20 Caliber. 6 inch barrel. Wt. each, 24½ ozs. Each **28 50**
.38 Caliber. 2 inch barrel. Wt. ea. 20½ ozs... Eacch **$28 50**
.38 Caliber. 4 inch barrel. Wt. each, 22 ozs.....Each **28 50**
.38 Caliber. 6 inch barrel. Wt. each, 23½ ozs. Each **28 50**

REVOLVERS

COLT

POLICE POSITIVE TARGET

HEAVY FRAME MODEL

.22 Caliber

Double action; new heavy frame model; six shots; blued, checked walnut stocks; either "bead" or patridge sights as desired; front sight adjustable for elevation; rear sight with binding screw, adjustable for windage. Length overall, 10½ inches.

.22 Short and Long Rifle Caliber. 6 inch barrel; barrel stamped "Cal. 22." Wt. each, 26 ozs.....Each **$30 00**

.22 W. R. F. Caliber. 6 inch barrel; barrel stamped "22 W. R. F." Wt. each, 26 ozs.....Each **$30 00**

OFFICIAL POLICE

Calibers: .22 Long Rifle, .32-20 and .38.

Double action; jointless solid frame; simultaneous ejection; 6 shots; blued; checked walnut stocks; .22 caliber uses .22 long rifle cartridges, .32-20 caliber revolver uses .32 Winchester center fire cartridges, and the .38 caliber uses the .38 short Colt, .38 long Colt, .38 Colt special, .38 S. & W. special full or mid-range cartridges. Length overall with 6-inch barrel, 11¼ inches.

.22 Long Rifle Cal. 6 in. barrel. Wt. ea 38 ozs..Each **$30 00**
.32-20 Caliber, 4 inch barrel. Wt. each, 30½ ozs.Each **$30 00**
.32-20 Caliber, 5 inch barrel. Wt. each, 32½ ozs.Each **30 00**
.32-20 Caliber, 6 inch barrel. Wt. each, 34½ ozs.Each **30 00**
.38 Caliber, 4 inch barrel. Wt. each, 30¾ ozs..Each **30 00**
.38 Caliber, 5 inch barrel. Wt. each, 32¾ ozs....Each **30 00**
.38 Caliber, 6 inch barrel. Wt. each, 35 ozs....Each **30 00**

COLT

OFFICERS' MODEL TARGET

Calibers: 22 Long Rifle and .38.

Double action; jointless solid frame; simultaneous ejection; 6 shots; blued; checked walnut stocks; finely checkered trigger guard and strap; fitted with adjustable target sights allowing for both windage and elevation; .22 caliber uses .22 long rifle cartridges and the .38 caliber uses .38 long Colt, .38 Colt special, and .38 S. & W. special full or mid-range cartridges.

.22 Long Rifle Cal. 6 in. barrel. Wt. ea. 38 ozs..Each **$40 75**
.38 Caliber, 6 inch barrel. Wt. each, 32 ozs.....Each **$40 75**
.38 Caliber, 7½ inch barrel. Wt. each, 33 ozs..Each **40 75**

SMITH & WESSON

22/32 HEAVY FRAME TARGET MODEL

Double action; 6 inch barrel; blued; solid frame; swing out cylinder; special large checked walnut stocks; similar in every way to .32 Caliber hand ejector model, but is equipped with target sights; uses .22 short, long and long rifle cartridges.

.22 Caliber. Wt. each, 30 ozs.....Each **$33 00**

HAND EJECTOR MODEL

Double action; solid frame; swing out cylinder; rubber stocks; 6 shots; blued finish; uses .32 S. & W., .32 S. & W. long and .32 Colt's New Police cartridges.

.32 Caliber, 3¼ inch barrel. Wt. each 18 ozs...Each **$29 00**
.32 Caliber, 4¼ inch barrel. Wt. each, 18½ ozs.Each **29 00**

REVOLVERS

SMITH & WESSON

REGULATION POLICE MODEL

.32 Caliber

Double action; solid frame; swing out cylinder, new patented safety hammer block; 6 shots; blued checked walnut stocks; built after the celebrated Military and Police Model, but on a lighter frame; uses .32 S. & W., .32 S. & W. long and .32 Colt's New Police cartridges.

.32 Caliber. 3¼ inch barrel. Wt. each, 18 ozs..Each **$30 50**

U. S. ARMY

Model 1917. .45 Caliber

Double action; solid frame; swing out cylinder; square butt; 6 shots; blued; checked walnut stocks; with swivel in bottom of butt; uses .45 Auto Pistol Cartridges in clips, or .45 Auto Rim Cartridges without clips.

.45 Caliber. 5½-inch barrel. Wt. each 36¼ ozs. Each **$36 75**

MILITARY AND POLICE MODEL

Square Butt

Calibers: .32-20, .38 and .44

Double action; solid frame; swing out cylinder; 6 shots; blued; checkered walnut stocks; .32-20 Caliber uses .32 Winch. C. F. cartridges, .38 Caliber uses .38 short Colt, .38 Long Colt, .38 Colt special, and .38 S. & W. special full or mid-range cartridges; .44 Caliber uses .44 S. & W. special cartridges.

With Plain Sights

.32-20 Caliber, 4 inch barrel. Wt. each, 30 ozs..Each **$32 50**
.32-20 Caliber, 5 inch barrel. Wt. each, 31 ozs..Each **32 50**
.32-20 Caliber, 6 inch barrel. Wt. each, 32 ozs..Each **32 50**
.38 Caliber, 4 inch barrel. Wt. each, 29¼ ozs..Each **32 50**
.38 Caliber, 5 inch barrel. Wt. each, 30 ozs....Each **32**
.38 Caliber, 6 inch barrel. Wt. each, 31 ozs....Each **32 50**
.44 Caliber, 6½ inch barrel. Wt. each, 38½ ozs. Each **36 75**

With Target Sights

.32-20 Caliber 6 inch barrel. Wt. each, 32 ozs..Each **$37 25**
.38 Caliber, 6 inch barrel. Wt. each, 31 ozs....Each **37 25**
.44 Caliber, 6½ inch barrel. Wt. each, 38½ ozs. Each **42 00**

SHOT GUN SHELLS

REMINGTON

All Remington Loaded Shells are Wetproof.

Remington **Wetproof** Process is the only means of completely waterproofing a shell It is exclusively Remington —originated, perfected and patented by Remington. All Remington loaded shells are completely wetproofed throughout the entire shell—top wad, crimp and body—positively sealed against wet. This Wetproofing process is only one of the many strong features that have earned for Remington their recognized leadership in the ammunition industry.

ARROW EXPRESS

Loaded with Progressive Burning Powder

12 Gauge, 2¾ inch Shell.

Load No.	Size of Shot	List 1000
Arrow Express	Nos. BB, 2, 4, 5, 6, 7 Ch.	**$60 75**

ARROW EXPRESS LACQUERED

Following the Remington tradition for leadership another important improvement has been added—the Arrow Express Lacquered shell. The brilliant glossy finish gives a striking appearance to the shell and adds greatly to protection against water and moisture. The lacquer completely seals the top wad and crimp. Under the most adverse conditions crimp remains hard and even, without brooming out, flattening or swelling

Arrow Express,Lacquered. Nos. BB, 2, 4, 5, 6, 7 Ch. **$60 75**

Average weight per case, 66 lbs.

ARROW SPECIFIED

Wetproof.

Loaded with Dupont Powder.

12 Gauge, 2⅝ in. Shell.

Load No.	Wt. of Powder Drams	Wt of Shot Ozs.	Sizes of Shot	List 1000
9	3¼	1⅛	Nos. 2, 4, 5, 6, 7½ Ch.	**$57 75**
		16 Gauge, 2 9/16 in. Shell		
19A	2¾	⅞	Nos. 4, 5, 6, 7½ Ch.	**$53 00**
		20 Gauge, 2½ in. Shell.		
23	2¼	⅞	Nos. 4, 6, 7½ Ch.	**$53 00**
		20 Gauge, 2¾ in. Shell.		
23G	2½	1	Nos. 4, 5, 6, 7½ Ch.	**$56 00**

Average wt. per case: No. 9, 63 lbs: No. 19A, 55 lbs.; No. 23 and 23G, 48 lbs.

NITRO EXPRESS

Wetproof.

Loaded with Progressive Burning Powder.

10 Gauge, 2⅞ in. Shell.

Load No.	Sizes of Shot	List 1000
Nitro Express	Nos. 0 Buck, BB, 2, 4, 5, 6 Ch.	**$68 50**
	12 Gauge, 2¾ in. Shell.	
Nitro Express	Nos. 1 and 4 Buck, BB, 2,4,5,6,7,7½Ch	**$56 50**
	16 Gauge, 2 9/16 in. Shell.	
Nitro Express	Nos. 1 Buck, BB, 2, 4, 5, 6, 7, 7½ Ch.	**$53 50**
	20 Gauge, 2¾ in. Shell.	
Nitro Express	Nos. 3 Buck, BB, 2, 4, 5, 6, 7, 7½ Ch.	**$51 75**

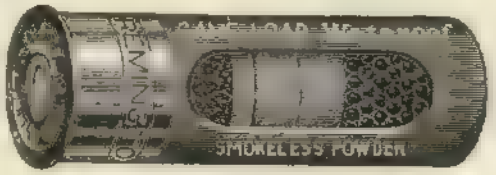
Average wt. per case: 10 Ga. 67 lbs.; 12 Ga. 60 lbs.; 16 Ga. 51 lbs.; 20 Ga. 46 lbs.

GAME LOADS

When you buy shot gun shells, forget everything but the kind of game you are going to hunt—then ask for the Remington Game load for that game.

The Remington method of loading the Game Load shells assures the shooter of the proper velocity, pattern, penetration and size of shot that is best suited to each particular type of game.

Just order your shells by the name of the game you are going to hunt



Wetproof.

Loaded with Progressive Burning Powder.

12 Gauge, 2⅝ in. Shell.

Name of Load	Sizes of Shot	List 1000
Duck	Nos. 4, 5, 6, 7½ Ch.	**$52 25**
Grouse	No. 7 Ch.	**$52 25**
Quail	No. 8 Ch.	**$51 00**
Snipe	No. 9 Ch.	**$51 00**
	16 Gauge, 2 9/16 in. Shell.	
Duck	Nos. 5, 6, 7½ Ch.	**$49 25**
Grouse	No. 7 Ch.	**$48 00**
Quail	No. 8 Ch.	**$48 00**
Snipe	No. 9 Ch.	**$48 00**
	20 Gauge, 2¾ in. Shell.	
Duck	Nos. 5, 6, 7½ Ch.	**$47 50**
Grouse	No. 7 Ch.	**$47 50**
Quail	No. 8 Ch.	**$47 50**
Snipe	No. 9 Ch.	**$47 50**

Average weight per case: 12 gauge, 60 lbs.; 16 gauge, 51 lbs.; 20 gauge, 46 lbs.

WRENCHES

TROJAN

Solid cast steel, superior quality, oil tempered, plain body, polished jaws, milled teeth, holds pipe from ⅛ to ¾ inches and round iron from ¼ to ⅝ inches; has opening in handle for ¼, ⅜, ½, ⅝, and ¾ inch nuts.

	Per Doz
No. 21—Length 6½ ins	$7 50

One doz in cardboard box; wt per doz 6¾ lbs.

RIVAL

Solid cast steel, drop forged, oil tempered, chased body, polished jaws, with milled teeth on one jaw at each end.

Nos.	10	20
Length, ins	5	7
For nuts or pipe, ins	¼ to ¾	¼ to 1¼
Wt per doz, lbs	5	12
Per Doz	$11 25	15 75

Half doz in cardboard box.

ALLIGATOR

Forged tempered steel, black finish, polished jaws, with milled teeth; has opening in handle for ½ and ⅞ inch nuts; holds pipe from ⅛ to ⅝ inch and round iron from ¼ to ¾ inch.

	Per Doz
No. 201—Length 5½ ins	$5 40

One doz in cardboard box; wt per doz 3 lbs.

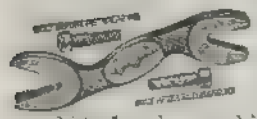
ALLIGATOR

Forged tempered steel, black finish, polished jaws with milled teeth. Holds pipe ⅜ to ¾ inches; holds round pipe ½ to 1 inch.

	Per Doz
No. 202—Length 9 ins	$14 25

Half doz in cardboard box; wt per doz 12 lbs.

COMBINATION

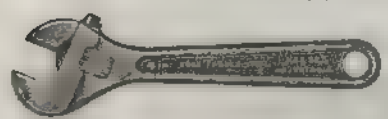


Drop forged carbon steel, tempered and hardened. Combination pipe and nut wrench and thread cutter, milled teeth on one jaw at each end. Holds nuts or pipe ⅛ to 1 inch, round iron 5/16 to 1⅛ inches. Thread cutters will cut 5/16, ⅜ and ½ inch threads, length 8½ inches.

	Per Doz
No. 200—Black finish	$15 75

Half doz in cardboard box; wt per doz 12 lbs.

ADJUSTABLE



22½ Degree Angle.

Drop forged steel, tempered black body, polished face. Designed to permit its use in places difficult to get at with the ordinary wrench. The parts are accurately fitted and are interchangeable.

The movable jaw and handle are each solid piece drop forgings, from a steel that has great tensile strength, and are both properly tempered. Black body; polished face.

Nos.	804-4	806-6	808-8	810-10	812-12
Length, ins	4	6	8	10	12
Opens, ins	11/16	¾	13/16	1⅛	1⅜
Wt per doz, lbs	8¾	5	8	15	30
Per Doz	$15 00	16 00	18 00	23 25	34 50

One in cardboard box.

WRENCHES

WESTCOT ADJUSTABLE "S"

For Nuts Only.

Drop forged sliding jaw, polished and tempered; japanned malleable iron frame and steel screw.

Nos.	74	76	78	80	82
Length, ins	4	6	8	10	12
Opens, ins	⅝	¾	1	1⅜	1⅝
Wt per doz, lbs	2	5½	12	22	33
Per Doz	$17 25	17 25	21 00	25 50	42 00

Half doz in cardboard box.

GENUINE CRESCENT, Adjustable.

22½ Degree Angle.

Drop forged from best carbon steel, hardened; properly tempered.

Full polished except web in handle which is black oil finished.

Nos.	704	706	708	710	712	715	718
Length, ins	4	6	8	10	12	15	18
Opens, ins	½	¾	15/16	1⅜	1 5/16	1 11/16	2 1/16
Wt per doz, lbs	1½	4¾	7½	13½	24	53	84
Per Doz	$18 00	18 00	22 50	27 00	42 00	63 00	90 00

One in cardboard box.

22½ Degree Angle Double End.

Black body with polished edges and face.

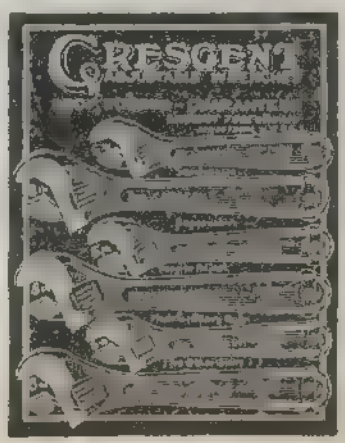
The movable jaws and handle are solid piece drop forgings from steel, tempered. The parts are accurately fitted and are interchangeable.

Nos.	16-8	18-10
Length over all, ins	8	10
Size opening, ins	¾ & 11/16	15/16 & 1⅛
Wt per doz, lbs	9	15
Per Doz	$36 00	42 00

One in cardboard box.

WRENCH ASSORTMENTS

CRESCENT



Drop forged from best carbon steel, hardened and tempered full polished except web in handle which is black oil finished. Six wrenches mounted on display card, balance in cardboard boxes. Size of display card 8½x11 inches.

Set consists of 12 wrenches as follows:

6 only—6 inch No. 706.
6 only—8 inch No. 708.

	Per Ass't
No. 089—Ass't complete as described	$21 00

One ass't in cardboard box; wt per ass't 5 lbs.

WRENCH ASSORTMENTS

CRESCENT

Drop forged from best carbon steel hardened throughout.

Display board made of quartered oak, natural finish. Size 25x25 inches; lettering in gold. A transfer is mounted on board showing the size and actual color of each wrench.

Set consists of 50 wrenches as follows:

6 only	4 inch	1 only	15 inch
12 only	6 inch	1 only	18 inch
12 only	8 inch	6 only	6-8 inch
6 only	10 inch	3 only	8-10 inch
3 only	12 inch		

Per Ass't

No. DB5—Ass't complete as described $114 00

One ass't in wood case; wt per ass't 76 lbs.

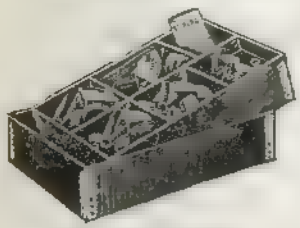
WRENCH REPAIR PARTS

CRESCENT

For wrench Nos.	704	706	708	710	712	715	718
Jaws, Nos.	14J	16J	18J	110J	112J	115J	118J
Each	$0 60	60	69	90	1 35	1 95	2 55
Knurls, Nos.	14K	16K	18K	110K	112K	115K	118K
Each	$0 27	27	33	39	60	84	1 35
Pins, Nos.	14P	16P	18P	110P	112P	115P	118P
Each	$0 15	15	15	15	27	27	27
Springs, Nos.	14S	16S	18S	110S	112S	115S	118S
Each	$0 15						

Packed loose.

WRENCH PART ASSORTMENTS



CRESCENT

Drop forged from high grade carbon steel, hardened. Consists of the most saleable items only and in the proportions that sell the best. Put up in a cardboard box divided into compartments for the various sizes. Assortment consists of 50 parts as follows:

2 only 4 inch jaws.	2 only 4 inch pins.
5 only 6 inch jaws.	3 only 6 inch pins.
4 only 8 inch jaws.	3 only 8 inch pins.
2 only 10 inch jaws.	2 only 10 inch pins.
1 only 12 inch jaws.	1 only 12 inch pins.
2 only 4 inch knurls	2 only 4 inch springs.
3 only 6 inch knurls.	3 only 6 inch springs.
4 only 8 inch knurls.	3 only 8 inch springs.
2 only 10 inch knurls.	3 only 10 inch springs.
1 only 12 inch knurls.	2 only 12 inch springs.

Per Ass't

No. RPI—Complete as described $15 75

One ass't in cardboard box; wt per ass't 2 lbs.

WRENCHES

CRESCENT

Flat Automobile.

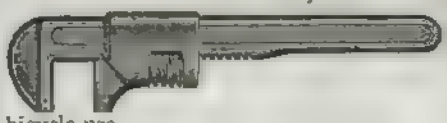
Forged from special analysis steel, hardened and oiled tempered, hand polished finish. Accurately milled teeth in handle permit easy adjustment. Spring under adjusting knurl holds jaw set until adjustment is changed.

Per Doz

No. 019-9—Length 9 ins; size of opening 2⅞ ins.. $19 50

One in cardboard box; wt per doz 12 lbs.

MONKEY, Cast Steel.



Cast steel, heat treated. Strong and durable; black finish. For farm, home, auto or bicycle use.

Per Doz

No. 109—Length 9 ins; jaws open 2 ins $7 95

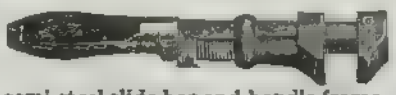
Half doz in paper pkg; wt per doz 10½ lbs.

—BLUE GRASS—

Forged from highest quality tool steel, hardened jaws. Full length shank extends through to end of handle. Varnished hardwood grips, fastened by heavy iron rivet. Steel parts of handle and side of jaws, polished. Knurled steel adjusting screw.

Nos.	Lgth, ins	Jaws open ins	Doz in box	Wt Doz lbs	Per Doz
BG4206	6	1	½	10	$20 25
BG4208	8	1¼	½	17	22 50
BG4210	10	1¼	½	28	28 50
BG4212	12	2¼	½	40	37 80
BG4215	15	2⅝	½	59	50 40
BG4218	18	3¼	½	75	61 50
BG4221	21	3⅞	1/12	105	79 50

COE'S

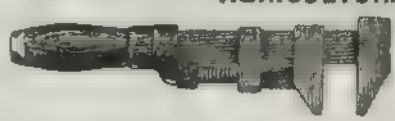


Knife Handle.

Forged steel, one piece head and bar, oil finish. Hardened semi-steel slide bar and handle frame. Steel adjusting knurled thumb screw. Hardwood handle sides, secured at both ends, by insertion under metal and riveted with one rivet.

Nos.	Lgth, ins	Jaws open ins	Doz in pkg	Wt Doz lbs	Per Doz
306	6	¾	½	10	$27 00
308	8	1¼	½	16	31 50
310	10	1¾	½	23	39 00
312	12	2⅛	½	33	49 50
315	15	2⅝	½	57	67 50
318	18	3	½	84	84 00
321	21	4⅛	½	102	102 00

AGRICULTURAL



Wrought iron; case hardened jaws. Wrought iron adjusting screw with knurled head. Shank extends through to ends of handle, screwed to cap at end; polished malleable iron ferrules, plain hardwood handle.

Nos.	406	408	410	412	415
Length, ins	6	8	10	12	15
Jaws open, ins	1⅛	1¼	1⅛	2⅛	2½
Wt per doz, lbs	9	15	22	26	40
Per Doz	9 75	11 55	13 50	17 25	24 00
	$10 00	*12 00*	*14 00*	*18 00*	*24 00*

Half doz in paper pkg.

WRENCHES

BEMIS & CALL

Combination Nut and Pipe.

Forged from tool steel; polished shank, nut and hardened jaws; extra steel grip, with teeth on one end of jaw for pipe, shank extends through ferrule and handle and screwed to cap at end. Polished cap and ferrule, polished hardwood handle.

With Short Nut.

Black Nos.	Black Per Doz	Length ins	For Pipe or Nuts ins	Wt doz lbs
4410	$70 50	10	¼ to 1	25
4412	74 25	12	½ to 1¾	36
4415	97 50	15	½ to 2¼	53

Half doz in wood box.

BEMIS & CALL

Combination Nut and Pipe.

Forged from tool steel; polished shank, nut and hardened jaws, extra steel grip, with teeth on one end of jaw for pipe, shank extends through ferrule and handle and screwed to cap at end. Polished cap and ferrule, polished hardwood handle.

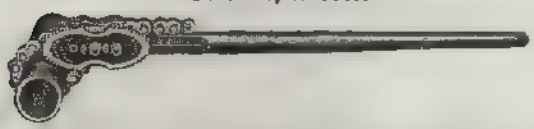
With Long Nut.

Black Nos.	Black Per Doz	Polished. Nos.	Polished. Per Doz	Lgth, ins	For Pipe or Nuts ins	Wt doz lbs
4610	$ 66 00	4510	$ 69 00	10	¼ to 1	25
4612	78 00	4512	81 00	12	½ to 1¾	36
4615	102 00	4515	109 50	15	½ to 2¼	53

Half doz in wood box.

PIPE WRENCHES

VULCAN, BIJAW



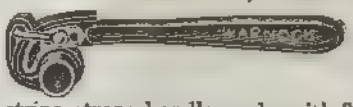
Drop forged tool steel, natural finish; polished jaws with milled teeth; flat link special steel, chain swings from the center and can be used on either side of the jaws. Round handle.

Nos.	31	32	33
For pipe, ins	⅛ to 1½	¼ to 2½	⅝ to 4
Length over all, ins	20	27	37
Length of chain, ins	13½	17½	22½
Wt each, lbs	5¾	10	16
Each	$9 60	13 65	19 20
Nos.	**33½**	**34**	**35**
For pipe, ins	1 to 6	1½ to 8	2 to 12
Length over all, ins	44½	60½	64¾
Length of chain, ins	31	39	54½
Wt each, lbs	24	31	50
Each	$24 60	30 00	49 50

Packed loose.

PIPE WRENCHES

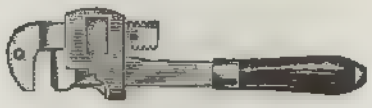
WARNOCK, "Also Dept. 3 Page 659."



Black enameled steel handle; drop forged steel swinging shackle equipped with flexible woven brown stripe strap; handle made with 3 holes giving three wearing positions on each strap. For use on smooth, nickel plated or highly polished brass pipe.

	Each
No. 1-12—Length 12 ins; for ⅛ to 2 ins pipe	$6 00

Half doz in cardboard box; wt each 1½ lbs.



STILLSON'S
Moore Drop Forge Co. Make.

Best grade high carbon special heat treated tool steel shank; hardened teeth, balance of jaw and bar is left tough and rigid; semi-steel casting frame; polished shank, frame and jaws; steel adjusting nut knurled; frame fastened to handle by a steel rivet. Ebony finish hardwood handle, double spring; shank extends through ferrule and handle and screws in cap at ends. Polished cap and ferrule.

Nos.	1006	1008	1010	1014
Length open, ins	6	8	10	14
Adj to pipe, ins.	⅛ to ½	⅛ to ¾	⅛ to 1	¼ to 1½
Wt per doz, lbs	4	8	19	34
Per Doz	16 95	19 20	24 00	30 00
	$24 00	*27 00*	*30 00*	*42 00*

Half doz in wood box.

STILLSON'S
Moore Drop Forge Co. Make.

Best grade high carbon special heat treated tool steel shank; hardened teeth, balance of jaw and bar is left tough and rigid; semi-steel casting frame; polished shank, frame and jaws; steel adjusting nut knurled, frame fastened to handle by a steel rivet; double spring.

Nos.	1018	1024	1036	1048
Length open, ins	18	24	36	48
Adjustable to pipe, ins.	¼ to 2	¼ to 2½	½ to 3½	1 to 5
Wt per doz, lbs	54	96	180	291
Per Doz	42 00	63 00	114 00	168 00
	$50 00	*87 00*	*162 00*	*240 00*

Nos. 1018 and 1024 half doz in wood box.
1036 and 1048 packed loose.

STILLSON PATTERN, POPULAR BRAND

Drop forged tool steel, hardened shank, frame and jaws, semi-finish ground smooth, not polished, steel adjusting nut, knurled; frame fastened to handle by a steel rivet.

Ebony finished hardwood handle, double spring; shank extends through ferrule and handle and screws in cap at end. Polished cap and ferrule.

No.	25-6
Length open, ins	6
Adjustable to pipe, ins.	⅛ to ½
Wt per doz, lbs	4
Per Doz	16 20
	$24 00

Half doz in wood box.

D 1

REPAIRS FOR STILLSON PIPE WRENCHES

JAWS

Nos.	J-6	J-8	J-10	J-14
For wrench, Nos	1006	1008	1010	1014
Wt each, lbs	1/16	1/4	1/2	7/8
Each	66	69	75	1 05
	$0 75	80	85	1 15

Nos.	J-18	J-24	J-36	J-48
For wrench, Nos	1018	1024	1036	1048
Wt each, lbs	1 3/8	2 3/8	4 1/2	6 7/8
Each	1 56	2 01	3 90	6 60
	$1 75	2 25	4 35	7 50

NUTS

Nos.	N-6	N-8	N-10	N-14
For wrench, Nos	1006	1008	1010	1014
Wt each, lbs	1/32	1/16	1/8	1/4
Each	15	15	18	27
	$0 12	15	20	30

Nos.	N-18	N-24	N-36	N-48
For wrench, Nos	1018	1024	1036	1048
Wt each, lbs	1/4	1/4	7/8	1
Each	30	45	99	1 35
	$0 35	55	1 10	1 50

FRAMES

Nos.	F-6	F-8	F-10	F-14
For wrench, Nos	1006	1008	1010	1014
Wt each, lbs	1/8	1/4	1/4	1/4
Each	36	42	45	54
	$0 38	48	50	60

Nos.	F-18	F-24	F-36	F-48
For wrench, Nos	1018	1024	1036	1048
Wt each, lbs	1/2	3/4	1 1/2	2
Each	69	90	1 53	1 98
	$0 75	95	1 70	2 20

Packed loose.

TRIMO

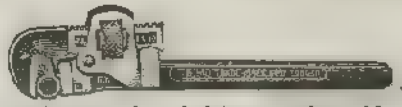
Drop forged from bar steel, polished and hardened jaws and frames; steel adjusting nut, knurled. Ebony finish hardwood handle; single spring; shank extends through ferrule and handle and screws in cap at end. Polished cap and ferrule. Inserted jaw and frame fastened by movable steel pins. Movable jaws and nut are made with round top and bottom thread.

Nos.	T6W	T8W	T10W	T14W
Length open, ins	6	8	10	14
Adjustable to pipe, ins	1/8 to 1/2	1/8 to 3/4	1/8 to 1	1/4 to 1 1/2
Wt each, lbs	1/2	1/4	2	3
Each	2 01	2 31	2 49	3 48
Half doz in cardboard box.	$2 00	2 25	2 50	3 50

Fail in a sale of Mechanics Tools and you have failed in a service that will not soon be forgotten. Mechanics are "cranky" about the tools they use, as only with the best Tools can the best work be accomplished. Blue Grass Tools for many years have satisfactorily served every individual requirement of best mechanics. They are and always will be: "As good as Tools can be." We specify how they shall be made and unless absolutely perfect they will not be branded "Blue Grass."

PIPE WRENCHES

TRIMO



Drop forged from bar steel, polished and hardened jaws and frames; steel adjusting nut, knurled; japanned steel handle. Inserted jaw and frame fastened by movable steel pins. The movable jaws and nut are made with a round top and bottom thread.

Nos.	906	908	910	914
Length open, ins	6	8	10	14
Adjustable to pipe, ins	1/8 to 1/2	1/8 to 3/4	1/8 to 1	1/4 to 1 1/2
Wt each, lbs	1/2	3/4	2	3
Each	2 01	2 31	2 49	3 48
	$2 00	2 25	2 50	3 50

Nos.	918	924	936	948
Length open, ins	18	24	36	48
Adj to pipe, ins	1/4 to 2	1/4 to 2 1/2	1/2 to 3 1/2	1 to 5
Wt each, lbs	5	8	16	28
Each	5 04	7 20	13 20	19 50
	$5 00	7 25	13 50	20 00

Nos. 906 to 918 half doz in cardboard box, Nos 924 to 948 packed loose.

REPAIRS FOR TRIMO PIPE WRENCHES

Front Jaws.

Nos.	1906	1908	1910	1914
For wrench, Nos	906	908	910	914
Wt each, lbs	1/8	1/4	1/2	3/8
Each	78	87	90	1 20
	$0 75	80	85	1 15

Nos.	1918	1924	1936	1948
For wrench, Nos	918	924	936	948
Wt each, lbs	1 3/4	2 1/2	4 1/2	6 1/2
Each	1 86	2 37	4 50	7 95
	$1 75	2 25	4 35	7 50

Nuts.

Nos.	2906	2908	2910	2914
For wrench, Nos	906	908	910	914
Wt each, lbs	1/32	1/16	1/8	1/4
Each	15	21	24	36
	$0 12	15	20	30

Nos.	2918	2924	2936	2948
For wrench, Nos	918	924	936	948
Wt each, lbs	1/4	1/2	1/8	1
Each	39	60	1 17	1 59
	$0 35	55	1 10	1 50

Inserted Jaws.

Nos.	3906	3908	3910	3914
For wrench, Nos	906	908	910	914
Wt each, lbs	1/32	1/16	1/8	1/4
Each	51	60	69	90
	$0 50	55	65	85

Nos.	3918	3924	3936	3948
For wrench, Nos	918	924	936	948
Wt each, lbs	1/4	1/2	1/2	3/4
Each	1 02	1 17	1 65	2 13
	$0 95	1 10	1 50	2 00

Frames.

Nos.	4906	4908	4910	4914
For wrench, Nos	906	908	910	914
Wt each, lbs	1/2	1/4	1/4	1/2
Each	45	51	63	75
	$0 40	45	55	70

Nos.	4918	4924	4936	4948
For wrench, Nos	918	924	936	948
Wt each, lbs	1/2	3/4	1 1/2	2 1/4
Each.	1 02	1 50	2 31	2 88
Packed loose.	$0 95	1 40	2 20	2 70

Buddy "L"

- A COMPLETE LINE OF FAMILIAR BUSINESS AND CIVIC EQUIPMENT
- BUILT OF HEAVY STAMPED STEEL
- DESIGNED FOR ACCURACY OF DETAIL
- FOR BOTH INDOOR AND OUTDOOR USE
- MATERIAL WORKMANSHIP AND MECHANISM GUARANTEED
- OUTGROWN MORE OFTEN THAN OUTWORN
- NATIONALLY KNOWN
- BEAUTIFULLY FINISHED

THERE'S ONLY ONE

Buddy "L" Steel Playthings . . .

HERE'S A YEAR-ROUND Line of Toys and now is the time to be pushing their sale and promoting them through mailing and advertising to your customers.

And Buddy "L" will give you every co-operation—profusely illustrated booklets showing the complete line—special enclosures on individual pieces—electrotypes for your newspaper advertising or for special literature you may wish to get out.

Get a sample of the Buddy "L" Climbing Top together with quantity prices and use this as a souvenir offering to bring the children and parents to your store.

Promote Buddy "L" as an outdoor toy. A special window display of Buddy "L" toys developing the outdoor and play features will give you an added back-up for your promotional plans.

Buddy "L" is a nationally known name and carries with it a reputation of quality, fidelity of reproduction and stability which will build confidence for you and your store

. . . Now is the time to start your Spring campaign. . . . What can we do to help?

MOLINE PRESSED STEEL CO.
Factory and General Offices
East Moline .. Illinois
NEW YORK SALES OFFICE . . . WESTERN SALES OFFICE . . . .

YOU'LL FIND BUDDY "L" TOYS AT THE CHICAGO TOY FAIR
Room 335 .. MORRISON HOTEL

as used by large manufacturing plants and on large construction projects—it is just as big in appearance and just as big in value as it looks in the illustration on this page.

The set is complete as illustrated with locomotive 10¼ inches long, a gondola car, rock car, stake car, ballast car and rocker dump car, each 8 inches long, making a total over-all length of 50¼ inches. Each set is complete with twelve 24-inch sections of 2-inch gauge curved steel track, each equipped with special Buddy "L" attachments for connecting together into one solid piece.

Switches, cross overs, round houses, turn tables, various lengths of straight and curved track can be secured as well as a special Buddy "L" service covering a variety of track layouts with instructions as to just what parts are required.

This train will stand the wear and tear of strenuous child's play. It is simple to assemble and operate, and is one of the popular sellers of the Buddy "L" line. Be sure and get our special dealer's price on this outfit. You'll find a ready sale for many of them.

MOLINE PRESSED STEEL CO.

Factory and General Offices

East Moline .. Illinois

NEW YORK SALES OFFICE .....
Room 320 Fifth Avenue Building
200 Fifth Avenue

WESTERN SALES OFFICE
M. SWEYD ... 788 Mission Street
San Francisco

THERE'S ONLY ONE BUD

BUDDY "L" INDUSTRIAL TRAIN

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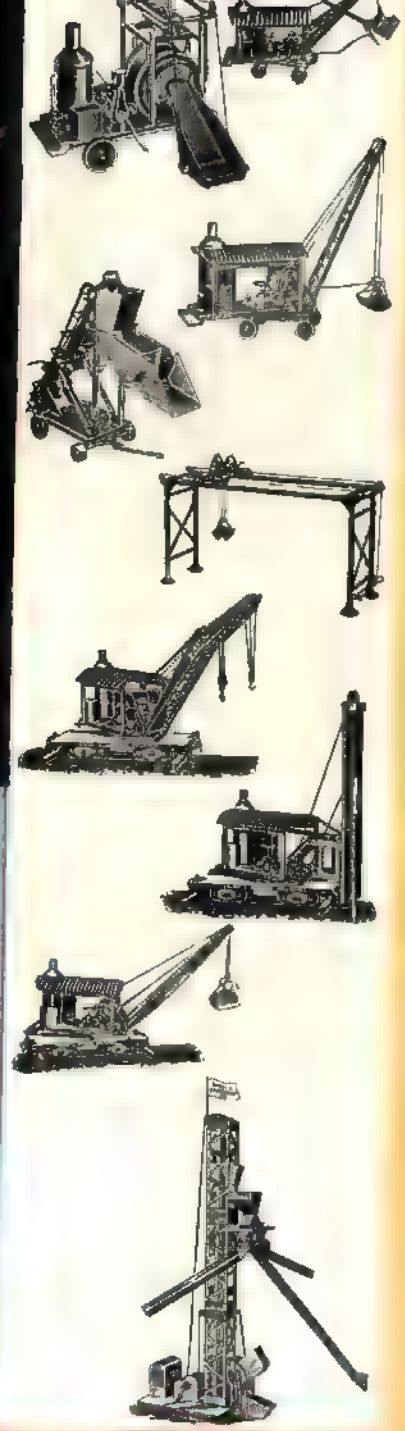
East Moline .. Illinois

NEW YORK SALES OFFICE .....
Room 320 Fifth Avenue Building

WESTERN SALES OFFICE
M. SWEYD . 788 Mission Street

THERE'S ONLY ONE BUDDY "L" LINE



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MOLINE PRESSED STEEL CO.

Factory and General Offices

East Moline .. Illinois

NEW YORK SALES OFFICE .. Room 320 Fifth Avenue Building 200 Fifth Avenue

WESTERN SALES OFFICE M. SWEYD, 788 Mission Street San Francisco

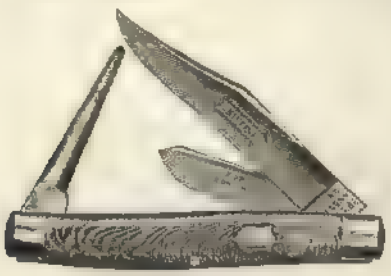
POCKET KNIVES

No. 00643. 4 inch; stag handle; large clip blade half crocus polished and etched; sheepfoot blade and belt punch glazed finish; nickel silver shield and bolsters; brass lined. .....Dozen $28 00

No. 83643G. 4 inch; green ivoroy handle; large clip blade half crocus polished and etched; sheepfoot and spey blades glazed finish; nickel silver shield and bolsters; brass lined. .....Dozen $28 00

No. 83643R. Same as No. 83643G except red ivoroy handle.Dozen $28 00

No. 03643. Same as No. 83643G except stag handle. .....Dozen $28 00



No. 80643R. 4 inch; red ivoroy handle; large clip blade half crocus polished and etched; spey blade and belt punch glazed finish; nickel silver shield and bolsters; brass lined. .....Dozen $28 00

No. 80643G. Same as No. 80643R except green ivoroy handle..Dozen $28 00

PEARL

No. 7115S. 2⅝ inch; pearl handle; large spear blade half crocus polished and etched; nickel silver lining and shackle. .....Dozen $24 00

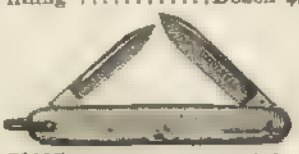
UNIVERSAL

PEARL

No. 72174. 2¾ inch; pearl handle; large spear blade half crocus polished and etched; pen blade glazed finish; nickel silver tips and lining .....Dozen $30 00

No. 12503S. 3 inch; nickel silver, silver plated handle; large spear blade half crocus polished and etched; with nail file; nickel silver shackle. .....Dozen $16 00

No. 72129. 2½ inch; pearl handle; large spear blade half crocus polished and etched; with pen blade; nickel silver lining .....Dozen $24 00



No. 72135. 2¾ inch; pearl handle; large spear blade half crocus polished and etched; with pen blade; nickel silver shackle and lining..Dozen $32 00

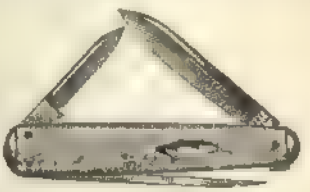
No. 7292. 2¾ inch; pearl handle, large spear blades half crocus polished and etched; with pen blade; nickel silver bolsters and lining..Dozen $24 00

No. 72336. 3 inch; pearl handle; large spear blade half crocus polished and etched; with pen blade; nickel silver tips and lining ....Dozen $36 00

PEARL

No. 7237. 2⅞ inch; pearl handle; long slim clip blade half crocus polished and etched; with pen blade; nickel silver bolsters and lining. Dozen $32 00

No. 73632. 3⅛ inch; pearl handle; large spear blade etched; pen and nail file full crocus polished; nickel silver milled edge lining ..... Dozen $60 00



No. 73327. 3⅛ inch; pearl handle; large spear blade etched; pen and nail file full crocus polished; nickel silver milled edge lining and tips. .....Dozen $64 00

No. 73174. 2¾ inch; pearl handle; large spear blade half polished and etched; with pen and nail file; nickel silver tips and lining....Dozen $36 00

No. 74326. 3⅛ inch; pearl handle; large spear blade etched; pen, nail file and scissors full polished; milled edge nickel silver lining and shield. .....Dozen $120 00

All above half dozen in a package; shipping weight about 1⅓ lbs. per dozen.

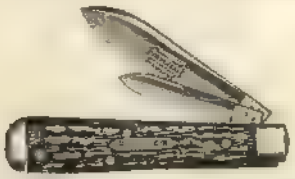
POCKET KNIVES

UNIVERSAL

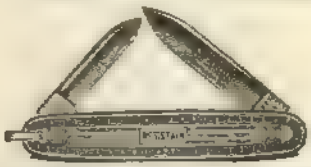
RESISTAIN

Nothing to rust, stain or corrode. Universal Resistain Steel Pocket Knives will stay sharp and bright. Wonderful around salt water. Blades, springs and pins are stainless steel. The blades and springs are tempered by the Universal special process that insures uniform temper.

No. 024250. 3 inch; stag handle; large spear blade half crocus polished and etched; with pen blade; stainless steel blades, lining and pins; nickel silver shield and tips. ..Dozen **$21 00**



No. 022050. 3 inch; stag handle; large spear blade half crocus polished and etched; with pen blade; stainless steel blades, lining and pins; nickel silver bolsters. .....Dozen **$21 00**

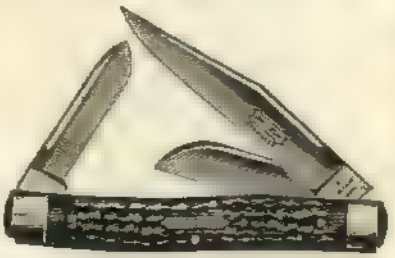


No. 125010S. 3 inch; nickel silver, silver plated handle; large spear stainless steel blade half polished and etched; with pen blade; nickel silver shackle. .....Dozen **$19 00**

No. 112708. 2⅞ inch; nickel silver, silver plated handle; spear blade half polished and etched; stainless steel blades, springs and cap lifter; nickel plated cork screw; nickel silver shackle .....Dozen **$33 00**

No. 135010S. 3 inch; nickel silver, silver plated handle; stainless steel large spear and two pen blades half polished; stainless steel springs; with nickel silver shackle ....Dozen **$25 50**

No. 105040. 3¼ inch; nickel silver, silver plated handle; half polished stainless steel large clip and spey blades; with punch blade; stainless steel springs. .....Dozen **$25 50**



No. 036430. 4 inch; stag handle; large clip blade etched; spey and sheepfoot; full crocus polished stainless steel blades, springs and bolsters. .....Dozen **$33 50**

No. 006430. Same as No. 036430 except punch blade in place of sheepfoot. .....Dozen **$33 50**

No. 038620. Boy Trooper. 3⅝ inch; stag handle; large spear blade etched; belt punch, can opener, screw driver and cap lifter full crocus polished; stainless steel blades, springs and lining; nickel silver bolsters and shackle. .....Dozen **$33 50**

No. 03862. Same as No. 038620 except carbon steel blades.Dozen **$28 00**

No. 0177. 5 inch; stag handle; large slim clip fine glazed blade; nickel silver bolster; brass lined. Dozen **$16 00**

No. 01770 .Same as No. 0177 except has stainless steel blades, springs, lining and pins. .....Dozen **$24 00**

No. 2132. Pruning Knife. 4 inch; cocobolo handle; fine glazed blade; steel lining and bolster...Dozen **$18 00**

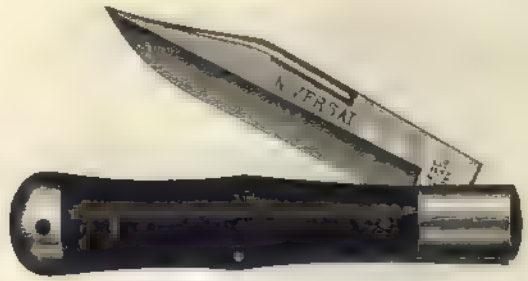
No. 012923⅛. Hunting Knife. 4½ inch; stag handle; large clip blade half polished and etched; brass lined; nickel silver bolsters; blade locks when opened. .....Dozen **$33 50**

No. 02483. Trappers' Knife. 3 inch; stag handles; two large spey blades for skinning; glazed finish; nickel silver bolsters; brass lined..Dozen **$16 00**

All above half dozen in a package; shipping weight about 2 lbs. per dozen.

POCKET KNIVES

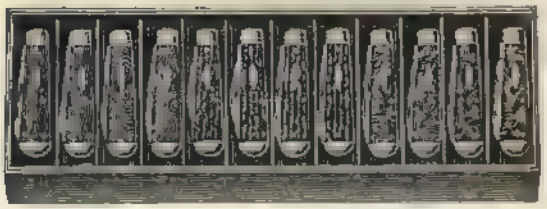
UNIVERSAL



No. 31179. Hunting Knife. 5½ inch; ebony handle; large sabre clip blade etched, fine glazed finish, steel lined; steel bolsters Wt doz 4 lbs. .....Dozen $25 00

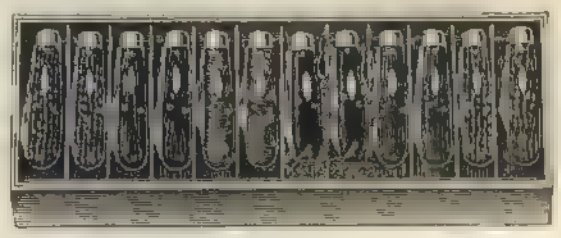
Half dozen in a package.

ASSORTMENTS



No. 100. Jack Knife Assortment. 3⅝ inch; stag and assorted colored ivoroy handles, spear and clip blades half crocus polished; steel bolsters; nickel silver shields; brass lined. Exceptional values to retail at one dollar. Packed one dozen in a display box. .....Dozen $16 00

ASSORTMENTS



No. 75. Assortment. 3½ inch; stag, ebony and ivoroy handles; spear and clip blades half crocus polished; brass linings. Two patterns with chains. All to retail at 75 cents. One dozen assorted in display box .....Dozen $12 00

No. 150. Premium Stock Knife Assortment. 4 inch; 3 each stag, gold, red and green ivoroy handles; assorted bladings; large clip blade half crocus polished and etched; with sheepfoot and spey; pen and spey; also pen and sheepfoot; nickel silver bolsters. Packed one dozen in display box. Exceptional one dollar and a half retail value .....Dozen $24 00

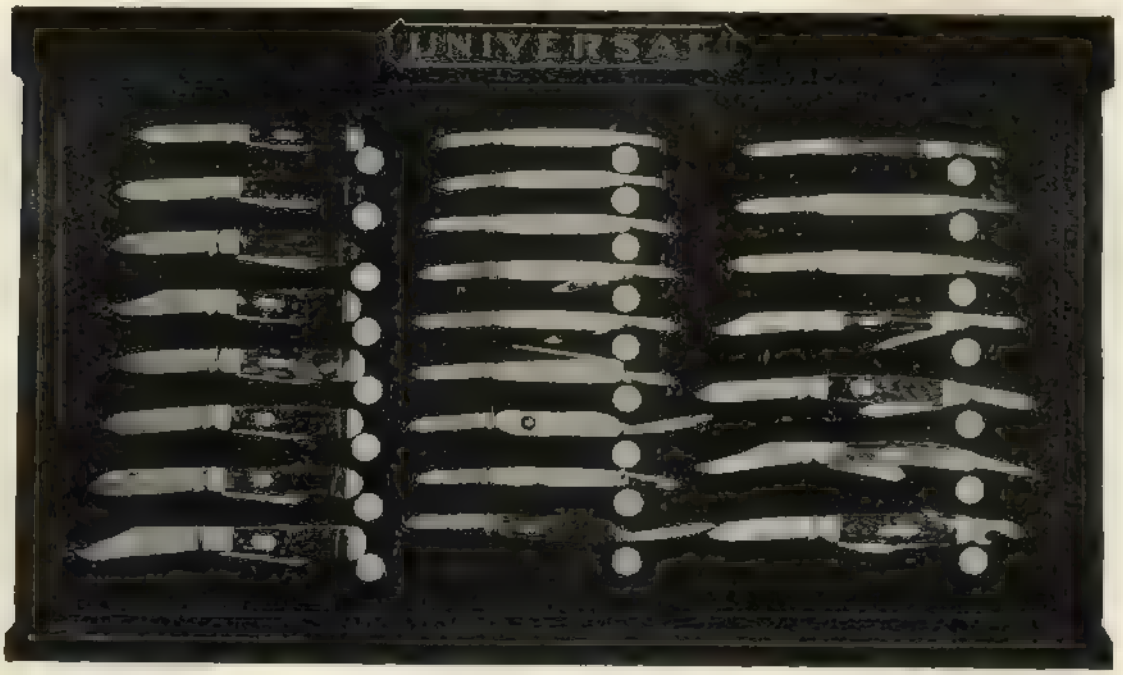
No. 150P. Same as No. 150 Assortment except punch blade in place of pen blade. .....Dozen $24 00

No. 150½. Assortment. Half each of No. 150 and No. 150P Assortments .....Dozen $24 00

No. 900. Assortment. Pyro pearl handles; consists of 6 patterns, 2 each, all 2-bladed, all about 3 inches long. Unique display boxes, entirely original in design Note carefully the assortments featured in these new type display boxes. The ends of the box are designed that when folded back they make a raised display, each knife being sold to customer in an individual box Color scheme is gray ostrich paper with blue lettering and background. Wt. ea. 1½ lbs. .....Dozen $16 00

DISPLAY CASES

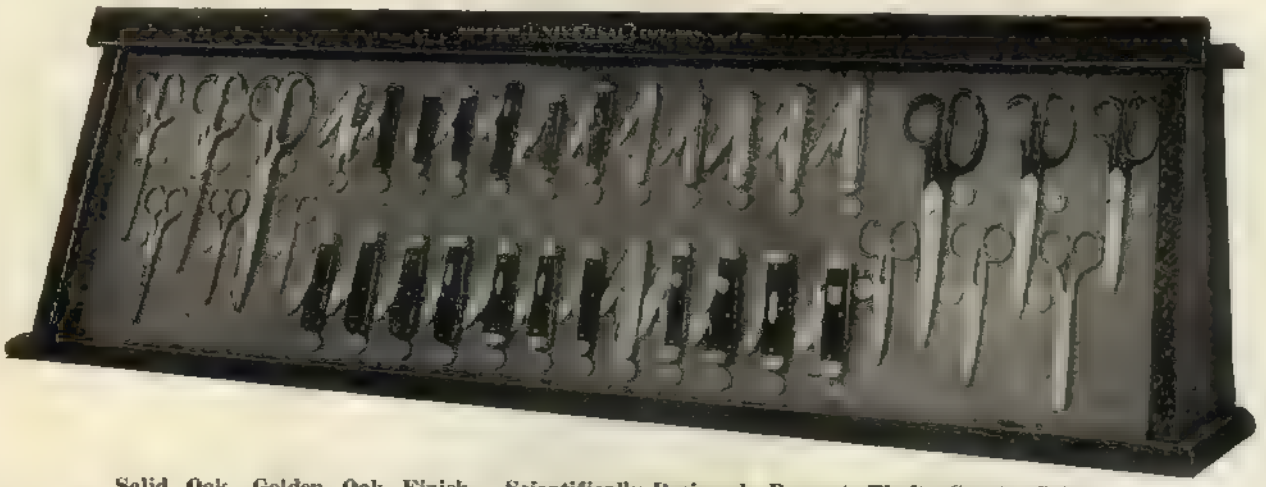
UNIVERSAL POCKET KNIFE



Mahogany Finish, Glass Top.

No. 611 Case. The way to sell Universal Pocket Knives is to display them in this attractive manner. Each knife is fastened with blades open. Purchaser at a glance sees the entire structure of the knife, type of blades, finish, handle and pattern. Numbers and prices are plainly marked upon celluloid button beneath each knife for selection. Stock is kept in 24 separate partitions in the back of case, one for each number, and can be securely locked. Stock is easily replenished as sold. Display board is easily removed through top of case for renewing and adding samples as required. 24 numbers neatly mounted are shown without crowding. Makes sales easy—avoids theft. All pocket knives have number stamped on blades. **These cases are sold to dealers, without knives.** They may mount their own selection. Size of case. Length 25¼ in., height, 12¾ in.; depth, 3¾ in.; one in a corrugated case. Wt. 10 lbs. ... . Each **$10 00**

UNIVERSAL COMBINATION POCKET KNIFE AND SHEAR



Solid Oak, Golden Oak Finish. Scientifically Designed—Prevents Theft—Creates Sales.

No. 632 Case. This sloping front display case while requiring but small counter space, attractively displays 24 numbers of pocket knives, 6 numbers of shears and 6 numbers of scissors. White celluloid price buttons show number and price of each item. Space is provided in rear of case for one half dozen of each item displayed. **This case is sold to dealers unmounted and without stock.** They may make their own selection and mount them as they see fit. Removable metal panel, orange enameled. Size of case. Length, 38 in.; height, 12½ in.; width at base, 9 in., at top, 5¾ in. **Packed one in a shipping carton. Wt. packed, approximately 75 lbs.** ....**Each $15 00**

CUTLERY

UNIVERSAL

The **Universal** is the most complete line of Cutlery under one trade mark manufactured in the United States. The line is complete, covering every item from pocket knive flat cutlery including cooks knives, sleers butchers' paring knives and steels, carving sets, shears and scissors, also silver plated flat ware. Excepting shears and scissors the line is made of crucible or carbon steel, also Resistain Stainless Steel under the "Universal" trade mark, and every piece of the entire line is made at the Universal factory by Landers, Frary & Clark, New Britain, Conn.

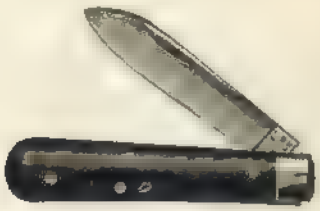
POCKET KNIVES

UNIVERSAL

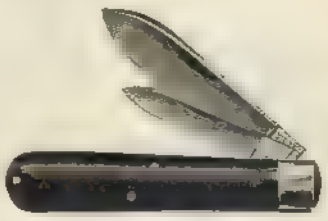
Manufactured from the finest materials obtainable in the markets of the world and every detail of manufacture carried out by skilled workmen under expert supervision, Universal pocket knives offer a complete assortment of attractive and distinctive designs to please the most exacting user.

Stag handles are manufactured by Landers, Frary & Clark, and will stand more hard knocks without breaking than any stag handle on the market.

Every Universal Pocket Knife is thoroughly inspected before packing and the blades and springs are tested for flaws and hardness. Each carries the assurance that no better pocket knife can be produced, and we recommend the entire line knowing it will prove extremely profitable to the trade.

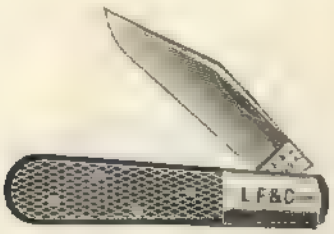


No. 31104. 3¼ inches; ebony handle; large spear blade glazed finish; steel bolster and lining. Dozen **$6 30**

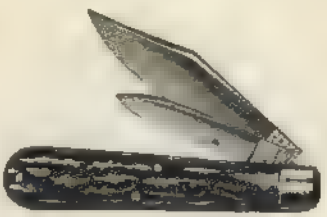


No 32104. 3¼ inches; ebony handle; 2 blades large spear and pen, steel bolster and lining . . . . Dozen **$8 00**

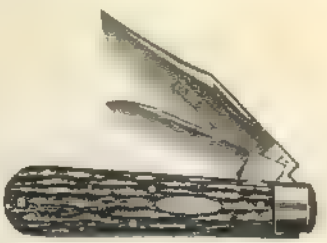
No. 02424. 3 inches; stag handle; large spear blade glazed finish and etched, pen blade; steel bolsters and lining. . . . . Dozen **$9 00**



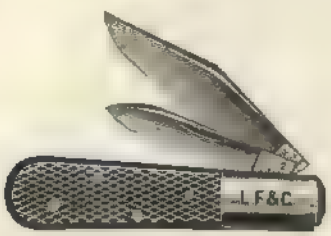
No. 31650¾. Barlow Jack. 3⅝ inches; checkered ebony handle; one large clip blade; long steel bolster; steel lining . . . Dozen **$7 50**



No. 02104¾. 3¼ inches; stag handle; large clip and pen blades glazed finish; steel bolster and lining . . . . . Dozen **$8 00**

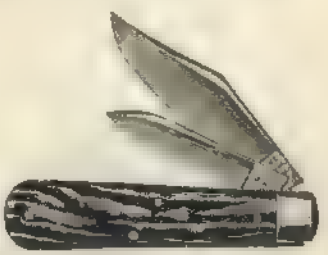


No. 0244¾. 3⅝ inches; stag handle; large clip and pen blades finely glazed and etched; iron bolster; brass lined . . . . . Dozen **$9 00**



No. 32650¾. Barlow Jack; 3⅝ inches; checkered ebony handle; 2 blades; large blade clip; steel bolster and lining. . . . . Dozen **$8 50**

No. 0249. 3 inches; stag handle; large spear blade glazed finish and etched; pen blade; steel bolsters and lining . . . . . Dozen **$9 00**

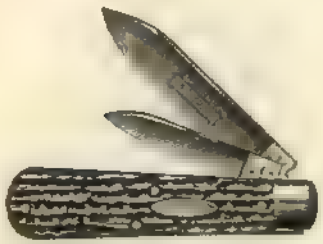


No. 0245¾. 3⅝ inches; stag handle, large clip and pen blades; steel bolster and lining . . . . . Dozen **$9 00**

All above half dozen in a package; shipping weight about 1½ lbs. per dozen.

POCKET KNIVES

UNIVERSAL

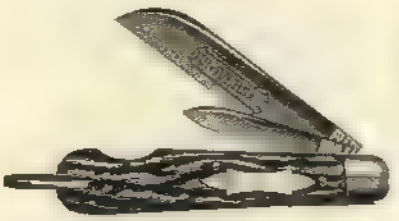


No. 0244. 3⅝ inches; stag handle; large spear and pen blades finely glazed; nickel shield; brass lined; steel bolster. .....Dozen **$9 00**

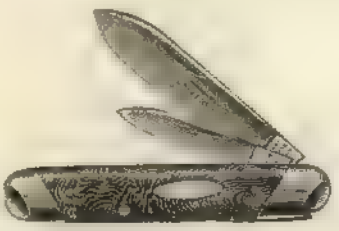
No. C9243. 3¼ inches; pyro pearl handle; large spear blade half crocus polished and etched; pen blade; nickel silver shield and bolsters; brass lined. .....Dozen **$13 00**

No. 5246. 3⅝ inches; white ivoroy handle; large spear blade half crocus polished and etched; pen blade; nickel silver shield and bolsters; brass lining .....Dozen **$16 00**

No. 32104C. 3⅝ inches; ebony handle; large spear and pen blades glazed finish; steel lining and bolster; with chain. ..... Dozen **$9 50**



No. 02266½. 3½ inches; a Scout jack knife stag handle; easy opener; large sheepfoot and pen blades half polished and etched; nickel silver bolster and shield, brass lined. .....Dozen **$17 00**



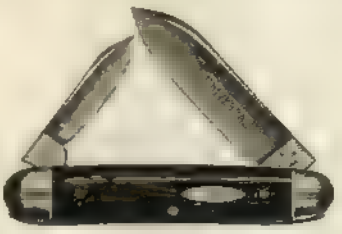
No 8275G. 3½ inches; Green ivoroy handle; large spear and pen blades; large blade half crocus polished and etched; nickel silver shield and bolsters; brass lining. .....Dozen **$18 00**

No. 42125. 3½ inches; buffalo ivoroy handles; large spear and pen blades; large blade finely glazed and etched; nickel silver shield and bolster; brass lined. .....Dozen **$12 50**

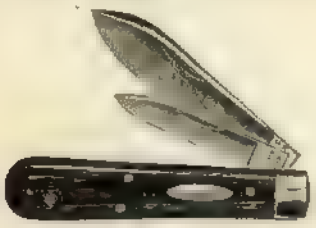
No. 52125. Same as No. 42125, except white ivoroy handle ....Dozen **$14 00**

No. 0247¾. 3⅝ inches; stag handle; large clip and pen blades, glazed and etched; steel bolsters; brass lining. .....Dozen **$13 00**

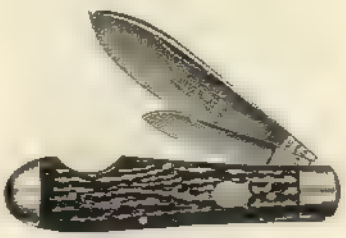
No. 2247¾. Same as No. 0247¾, except cocobolo handles....Dozen **$13 00**



No. 42290. 3½ in.; buffalo ivoroy handle; large spear and pen blades; large blade half crocus polished and etched; nickel silver shield and bolsters; brass lined. .....Dozen **$18 00**



No. 4243. 3¼ inches; buffalo ivoroy handle; large spear and pen blades; large blade half crocus polished; nickel silver shield and bolster; brass lined. .....Dozen **$13 00**



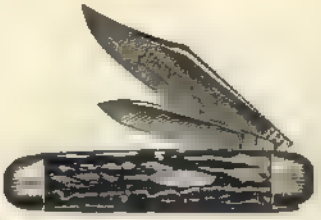
No. 02108. 3⅝ inches; stag handle; easy opener; large spear and pen blades glazed and etched; steel bolster; brass lining.....Dozen **$16 00**

No. 0264. 3⅝ inches; stag handle; large spear and pen blades; large blade half crocus polished and etched; nickel silver shield and bolsters; brass lined. .....Dozen **$18 00**

All above half dozen in a package; shipping weight about 1½ lbs. per dozen.

POCKET KNIVES

UNIVERSAL



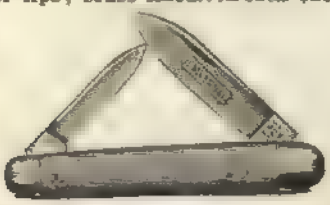
No. 02154¾. 3¼ inches; stag handle; large clip and pen blades; large blade half crocus polished and etched; nickel silver shield and bolsters; brass lined. .....Dozen **$16 00**

No. 82222. 3¼ inches; pearl ivoroy handle; large spear and pen blades; large blade half polished and etched; nickel silver shield and bolsters; brass lined. .....Dozen **$16 00**

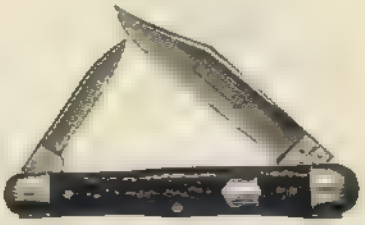
No. 02222. Same as No. 82222, except stag handle. .....Dozen **$16 00**

No. 89288¾. 3¼ inches; silvaleur ivoroy handle; large clip and pen blades; large blade half polished and etched; nickel silver bolsters; brass lined. .....Dozen **$18 00**

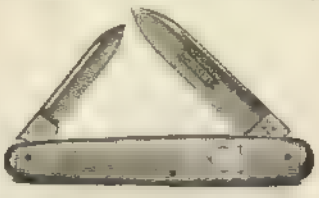
No. 02425. 3 inches; stag handle; large spear and pen blades half crocus polished; large blade etched; nickel silver tips; brass lined...Dozen **$18 00**



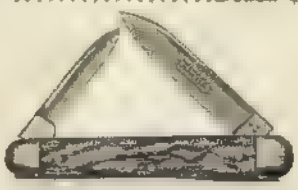
No. 52109. 3⅜ inch; white ivoroy handle; large spear and pen blades half crocus polished; large blade etched; nickel silver bolsters; brass lined. .....Dozen **$16 00**



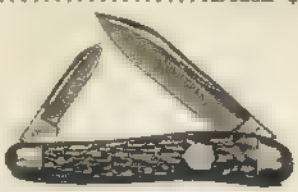
No. 42494. 3⅝ inch; buffalo ivoroy handle; clip and pen blades; large blade half crocus polished and etched; nickel silver shield and bolster; brass lined. .....Dozen **$21 00**



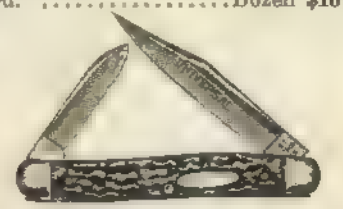
No. 82108. 3⅝ inch; pyro pearl handle; large spear and pen; large blade half polished and etched; nickel silver shield and tips; brass lined. .....Dozen **$18 00**



No. 92337P. 3 inch; Persian ivoroy handle; large spear and pen blades half polished; large blade etched; nickel silver bolsters; brass lined. .....Dozen **$16 00**



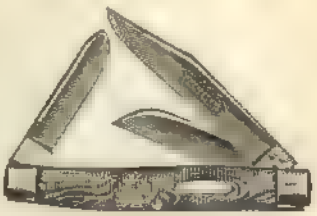
No. 02490. 3 inch; stag handle; large spear and pen blades; large blade half polished and etched; nickel silver shield and bolsters; brass lined. .....Dozen **$16 00**



No. 02633. 3¼ inch; stag handle; large clip blade half crocus polished and etched; pen blade; nickel silver shield and bolsters; brass lined. .....Dozen **$18 00**

No. 0361. 3 inch; stag handle; large spear, pen and nail file blades; large blade half crocus polished and etched; nickel silver bolsters; brass lined. .....Dozen **$24 00**

No. 80633¾. 3½ inch; pearl ivoroy handle; large clip blade half crocus polished and etched; spey and belt punch; nickel silver shield and bolsters; brass lined. .....Dozen **$24 00**



No. 83635¼G. 3¼ inch; green ivoroy handle; large clip blade half crocus polished and etched; sheepfoot and spey; nickel silver shield and bolsters; brass lined. .....Dozen **$24 00**

No. 83635¼R. Same as No. 83635¼G except red ivoroy handle..Dozen **$24 00**

No. 03633¾. 3¼ inch; stag handle; large clip blade half crocus polished and etched; sheepfoot and spey glazed finish; nickel silver shield and bolsters; brass lined. ...Dozen **$24 00**

All above half dozen in a package; shipping weight about 1½ lbs. per dozen.

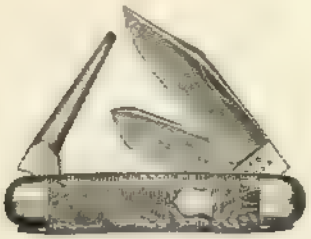
POCKET KNIVES

UNIVERSAL

No. 03635¾. 3¼ inch; stag handle, large clip blade half crocus polished and etched; sheepfoot and pen glazed finish; nickel silver shield and bolsters; brass lined. .....Dozen **$24 00**

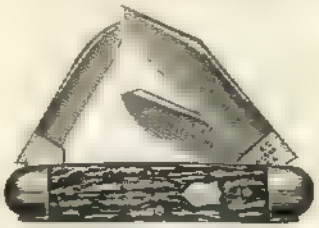
No. 0385. 3¼ inch; stag handle; large sabre clip blade half crocus polished and etched; small clip and pen glazed finish; nickel silver shield and bolsters; brass lined.Dozen **$26 00**

No. 03425. 3 inch; stag handle; large spear blade half crocus polished and etched; nail file and pen glazed finish; nickel silver tips; brass lined. .....Dozen **$24 00**



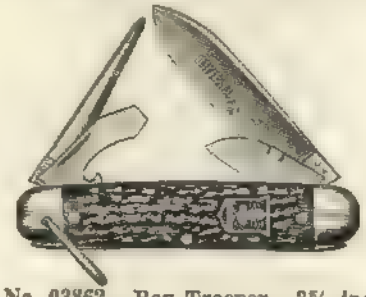
No. 80154Y. 3¼ inch; gold ivoroy handle; large clip blade half crocus polished and etched; spey and belt punch glazed finish; nickel silver shield and bolsters; brass lined. .....Dozen **$24 00**

No. 03494⅝. 3⅝ inch; stag handle; large sabre clip blade half crocus polished and etched; small clip and pen blades glazed finish; nickel silver shield and bolsters; brass lined. .....Dozen **$28 00**



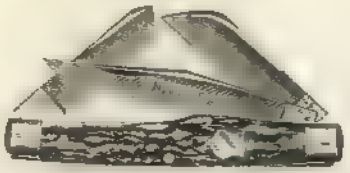
No. 03154. 3¼ inch; stag handle; large clip blade half crocus polished and etched; spey and pen blades glazed finish; nickel silver shield and bolsters; brass lined. .....Dozen **$24 00**

No. 03382¾. 3½ inch; stag handle; large clip blade half crocus polished and etched; sheepfoot and pen glazed finish; nickel silver shield and bolsters; brass lined. .....Dozen **$24 00**



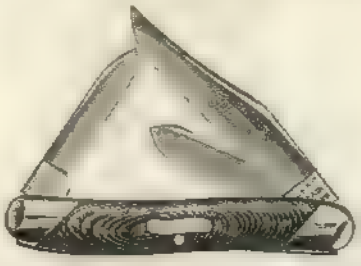
No. 03862. Boy Trooper. 3⅝ inch; stag handle; large spear blade etched; belt punch, can and bottle opener, also screw driver, half polished; nickel silver bolsters and shackle. Dozen **$28 00**

No. 038620. Same as No. 03862 except stainless blades, springs, linings and pins. .....Dozen **$33 50**



No. 03618. 3⅝ inch; stag handle; large clip blade half crocus polished and etched; spey and sheepfoot blades glazed finish; nickel silver shield and bolsters; brass lined. ...Dozen **$24 00**

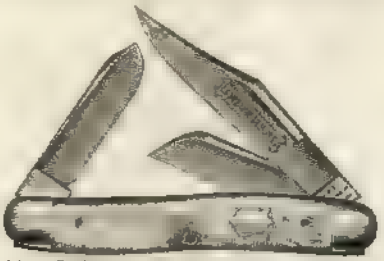
No. 43618...Same as No. 03618 except with buffalo ivoroy horn handle. .....Dozen **$24 00**



No 8308G. 3⅝ inch; green ivoroy handle; large clip blade half crocus polished and etched; spey and pen blades glazed finish; nickel silver shields and bolsters; brass lined. .....Dozen **$26 00**

No. 8308Y. Same as No. 8308G except gold Ivoroy handle..Dozen **$26 00**

No. 03180¾. 3⅞ inch; stag handle, large slim spey blade half crocus polished; sheepfoot and good sized clip blade glazed finish; nickel silver shield and bolster; brass lined..Dozen **$28 00**



No. 83180. 3⅝ inch, pearl ivoroy handle; large clip blade half crocus polished and etched; sheepfoot and spey blades glazed finish; nickel silver shield and bolsters; brass lined. .....Dozen **$28 00**

All above half dozen in a package; shipping weight about 2 lbs. per dozen.

WRENCH DISPLAY BOARDS

WILLIAMS SILENT SALESMAN

E GENERAL ASSORTMENT

Double Head Drop Forged. Case Hardened. Black Enameled. Bright Heads. Openings Milled and Smooth. Board Contains 36 Wrenches, 3 Each, 12 Sizes, in 2 Patterns.

ENGINEERS' WRENCHES—15 Degree Angle.

3 Each Nos.	For U.S. Standard Nuts; Size Bolts	For Hex. Head Cap Screws Diameter Screws	For S. A. E. Standard Nuts and Cap Screws; Size Bolts	Openings Milled	Extreme Length Approx Inches	Thickness Heads Inch	Each, Finished (New
23	3/16 & 1/4	5/16	5/16	13/32 & 1/2	4 5/8	5/16	$ 42
725	1/4	1/4 & 5/16	1/4 & 5/16	7/16 & 1/2	5	5/16	50
725B	1/4	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16	5 1/2	11/32	50
25	1/4 & 5/16	5/16	5/16	1/2 & 19/32	5 1/2	11/32	50
727		3/8 & 7/16	3/8 & 7/16	9/16 & 5/8	6	11/32	62
27	5/16 & 3/8			19/32 & 11/16	6 1/2	3/8	62
29	3/8 & 7/16			11/16 & 25/32	7 1/2	13/32	74
731A	1/2	1/2 & 5/8	1/2 & 9/16	3/4 & 7/8	8 3/4	15/32	90

LIGHT SERVICE "S" WRENCHES—22½ DEGREE ANGLE

75B		3/16 & 1/4		3/8 & 7/16	6 1/4	1 4	$ 54
77B	1/4	5/16 & 3/8.	5/16 & 3/8	1/2 & 9/16	7 1/4	9/32	68
79C		7/16 & 1/2	7/16 & 1/2	5/8 & 3/4	8 1/4	5/16	86
81A	1/2	1/2 & 5/8	1/2 & 9/16	3/4 & 7/8	9 1/4	3/8	1 10

E Assortment. Board 8½x28 inches, and 36 wrenches. Wt. 14 lbs. .....Assortment $23 94

WRENCH SETS

WILLIAMS

Drop Forged. Case Hardened. Baked Black Enameled. Bright Heads. Openings Milled and Smooth. In Canvas Rolls.

SET No. 6. FOR LIGHT SERVICE ONLY

No.	For U. S. Std. Nuts, Size Bolt	For Hex Hd Cap Screws, Dia. Screw, In.	For S A E Std Nuts and Cap Scrs., Size Bolt.	Openings Milled	Extreme Length	Thickness	Finished Each
75A		1/4 & 5/16	5/16	3/8 & 1/2	6 1/4	1/4	$0 54
77	1/4	5/16 & 3/8	5/16 & 3/8	1/2 & 5/8	7 1/4	5/16	68
79C		3/8 & 1/2	3/8 & 1/2	5/8 & 3/4	8 1/4	3/8	86
81A	1/2	1/2 & 5/8	1/2 & 5/8	3/4 & 7/8	9 1/4	3/8	1 10
83B	1/2	5/8 & 3/4	5/8 & 1 1/4	7/8 & 1	10 3/8	7/16	1 40

Set No. 6. 5 Wrenches in cloth roll. Wt, 2¾ lbs....Set $5 58

SET No. 5S. STANDARD AUTOMOTIVE

No	For U. S. Std Nuts, Size Bolt.	For Hex. Hd. Cap Screws, Dia. Screw, In.	For S.A.E Std. Nuts and Cap Scrs., Size Bolt	Openings Milled	Extreme Length	Thickness Heads	Finished Each
725	1/4	1/4 & 5/16	1/4 & 5/16	7/16 & 1/2	5	5/16	$0 50
727	....	3/8 & 7/16	3/8 & 7/16	9/16 & 5/8	6	11/32	62
731A	1/2	1/2 & 5/8	1/2 & 5/8	3/4 & 7/8	8 3/4	15/32	90
33C	....	3/4	5/8 & 1 1/8	1 1/8 & 1	10 1/2	1/2	1 10
37	5/8 & 3/4	1	3/4 & 7/8	1 1/8 & 1 3/4	12	21/32	1 92

Set No. 5S. 5 Wrenches in cloth roll. Wt, 5¼ lbs. Set $6 04

WRENCHES

WILLIAMS

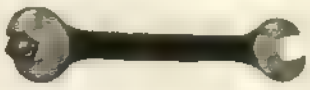
SINGLE HEAD. ENGINEERS' AND CAP SCREW

Drop Forged. Case Hardened. Baked Black Enameled. Bright Heads. Openings Milled and Smooth. 15° Angle.

No.	For U. S. Std. Nuts, Size Bolts	For Hex. Hd. Cap Screws, Dia. Screw, In.	For S.A.E. Std. Nuts, Cap Scrs Size Bolt.	Openings Milled	Extreme Length	Thickness Head	Wt. each, Lbs.	Finished Each
3	3/8	..	.	11/16	5 5/8	5/16	1/8	$0 32
4	7/16	..	..	25/32	6 1/2	11/32	1/2	64
5	1/2	5/8	9/16	7/8	7 1/2	13/32	3/8	76
6	9/16	..	..	31/32	8 3/8	7/16	1	92
7	5/8	..	3/4	1 1/16	9 1/4	1/2	1 1/4	1 14
8	3/4	1	7/8	1 1/4	11 1/8	9/16	1 3/4	1 50
9	7/8	..	1	1 7/16	13	21/32	2	2 30
10	1	1 3/8	1 1/8	1 5/8	14 3/4	3/4	4	3 20
11	1 1/8	..	1 1/4	1 13/16	16 1/2	27/32	5	4 20
13	1 3/8	..	1 1/2	2 1/16	20	1	9	7 30
14	1 1/2	..	..	2 3/8	22	1 1/16	11	9 20

DOUBLE HEAD ENGINEERS' AND CAP SCREW

Drop Forged. Case Hardened. Baked Black Enameled. Bright Heads. Openings Milled and Smooth. 15° Angle.



No.	For U. S Std. Nuts, Size Bolts	For Hex. Hd Cap Screws, Dia. Screw	For S. A. E. Std. Nut and Cap Screws, Size Bolt	Openings Milled	Extreme Length Approx.	Wt. each Lbs.	Finished Each
21	1/8 & 5/16	1/8	....	5/16 & 13/32	4	1/12	$0 34
23	5/16 & 1/4	5/16	5/16	13/32 & 1/2	4 5/8	1/8	42
25	1/4 & 5/16	5/16	5/16	1/2 & 19/32	5 1/2	1/8	50
26	1/4 & 3/8	5/16	5/16	1/2 & 11/16	6	1/4	62
27C	3/8	3/8	3/8	9/16 & 11/16	6 1/2	1/4	62
27	5/16 & 3/8	..	....	19/32 & 11/16	6 1/2	1/4	62
29	3/8 & 5/16	..	....	11/16 & 25/32	7 1/2	1/4	74
30	3/8 & 1/2	5/8	9/16	11/16 & 7/8	8	1/2	90
31	5/16 & 1/2	5/8	9/16	25/32 & 7/8	8 3/4	1/2	90
33	1/2 & 5/16	5/8	9/16	7/8 & 31/32	9 1/2	1 1/4	1 10
33C	....	3/4	5/8 & 1/2	15/16 & 1	9 1/2	3/4	1 10
34	1/2 & 5/8	5/8	5/8 & 3/4	7/8 & 1 1/16	10 3/4	3/4	1 36
36	5/16 & 3/4	1	7/8	31/32 & 1 1/4	12	1 3/4	1 92
37	5/8 & 3/4	1	3/4 & 7/8	1 1/16 & 1 1/4	12	1 3/4	1 92
38	3/4 & 7/8	..	3/4 & 1	1 1/16 & 1 3/16	13 1/2	2 1/2	2 80
39	3/4 & 7/8	1	7/8 & 1	1 1/4 & 1 3/16	13 1/2	2 3/4	2 80
41	7/8 & 1	1 3/8	1 & 1 1/4	1 1/16 & 1 5/8	15 1/2	4	3 80
44	1 & 1 1/4	1 3/8	1 1/8 & 1 3/8	1 5/8 & 2	19	7	7 20

WILLIAMS

DOUBLE HEAD CAP SCREW

Drop Forged. Case Hardened. Baked Black Enameled. Bright Heads. Openings Milled and Smooth. 15° Angle.

No.	For U. S. Std. Nuts; Size Bolt	For Hex Hd. Cap Screws; Dia. Screw	For S. A. E. Std. Nut and Cap Screws; Size Bolt	Openings Milled	Extreme Length Inches	Wt. Each Lbs.	Finished Each
721	1/8	1/8 & 5/16		1/8 & 3/8	4	1/8	$0 34
723	..	5/16 & 1/4	1/4	3/8 & 5/16	4 1/4	1/8	42
725	1/4	1/4 & 1/2	1/4 & 5/16	5/16 & 1/2	5	1/8	50
725A	..	1/4 & 3/8	1/4 & 3/8	5/16 & 5/8	5	1/8	50
725B	1/4	5/16 & 3/8	5/16 & 3/8	1/2 & 5/8	5 1/2	1/8	50
727	..	3/8 & 1/2	3/8 & 1/2	5/16 & 5/8	6	1/4	62
729	..	5/16 & 1/2	5/16 & 1/2	5/8 & 3/4	7	1/4	74
731	..	1/4 & 5/8	1/2	3/4 & 1	8 3/4	1/2	90
731A	1/2	1/2 & 5/8	1/2 & 5/8	3/4 & 7/8	8 3/4	1/2	90
731B	1/2	5/16 & 5/8	5/8	1 & 7/8	8 3/4	1/2	90
733	1/2	5/8 & 3/4	5/8 & 1	7/8 & 1	9 1/2	3/4	1 10
735	..	3/4 & 7/8	1	1 & 1 1/8	10 3/4	1 1/4	1 36
737	3/4	7/8 & 1	7/8	1 1/8 & 1 1/4	12	1 3/4	1 92

WILLIAMS

LIGHT SERVICE

Drop Forged. Case Hardened. Baked Black Enameled. Bright Heads. Openings Milled and Smooth. 22½° Angle.

No.	For U. S Stand. Nut, Size Bolt	For Hex. Hd Cap Screw Dia. Screw	For S. A. E Std. Nut and Cap Screw, Size Bolt	Openings Milled	Extreme Length	Thickness Head	Wt. each, Lbs.	Finished Each
75A		1/8 & 5/16	1/8	3/8 & 1/2	6 1/4	1/4	1/4	$0 54
77	1/4	1/8 & 1/8	1/8 & 7/32	1/2 & 5/8	7 1/4	5/32	1/2	68
79C	..	1/8 & 1/2	1/8 & 1/2	5/8 & 3/4	8 1/4	1/8	1/8	86
814	1/2	1/2 & 5/8	1/2 & 1/8	3/4 & 7/8	9 1/4	3/8	3/8	1 10
83B	1/2	5/8 & 3/4	1/8 & 1/8	7/8 & 1	10 3/8	1/8	7/8	1 40

WRENCHES

WILLIAMS' "SUPERRENCH."

Double Head Obstruction Pattern. Drop Forged. Heat Treated. Heads Polished Nickel Plated. Body Dull Nickel Plated. Opening Milled and Smooth. 75° Angle.

CHROME-MOLYBDENUM

For Close Quarters.

On most every car there are a number of awkwardly placed nuts, and ordinary wrenches will not reach or turn them unless interfering parts are first removed; but Williams new Obstruction Super-rench will. The narrow pointed jaws and thin heads with 75° angle of openings are specially designed for just such jobs. Around the carbureter, motor head, manifold, steering gear and a host of other places in close quarters these wrenches make rapid efficient service possible. And because the jaws of both heads project from the same side of the handle they offer a comfortable working grip.

No.	For U S S Nuts; Size Bolt	For Hex. Hd. Cap Screws; Dia Screws	For S. A. E. Std. Nuts and Cap Screws Dia. Screws	Openings Milled, In.	Extreme Length Aprox. Ins.	Thickness Heads	Nickel Finished Each
2721	1/8	1/8 & 3/16		5/16 & 3/8	4¼	13/64	$0 80
2723		3/16 & ¼	¼	3/8 & 7/16	4¾	13/64	80
2725	¼	¼ & 5/16	¼ & 5/16	7/16 & ½	5½	15/64	1 16
2725B	¼	5/16 & 3/8	5/16 & 3/8	½ & 9/16	5½	15/64	1 16
2025	¼ & 5/16	5/16	5/16	½ & 19/32	5½	15/64	1 16
2727		3/8 & 7/16	3/8 & 7/16	9/16 & 5/8	6½	9/32	1 40
2027C	3/8	3/8	3/8	9/16 & 11/16	6½	9/32	1 40
2028S	7/16	7/16	7/16	5/8 & 25/32	7¾	5/16	1 74
2731A	½	½ & 5/8	½ & 9/16	3/4 & 7/8	9¼	3/8	2 35

AUTOMOTIVE OBSTRUCTION SET

Consists of five "Super-renches" with ten different opening from 3/8 to 7/8 inch. No Duplicates.

No.	For U. S. Std. Nuts.	For Hex. Hd. Cap Screws; Dia. Screws	For S. A. E. Std. Nuts and Cap Screws	Openings Milled, In.	Extreme Length Approx. In.	Thickness Heads	Nickel Finished Each
2733		3/16 & ¼	¼	3/8 & 7/16	4¼	13/64	$0 80
2025	¼ & 5/16	5/16	5/16	½ & 19/32	5½	15/64	1 16
2027C	3/8	3/8	3/8	9/16 & 11/16	6½	9/32	1 40
2028S	7/16	7/16	7/16	5/8 & 25/32	7¾	5/16	1 74
2731A	½	½ & 5/8	½ & 9/16	3/4 & 7/8	9¼	3/8	2 35

Set No. 2040. In Cloth Rolls. Wt., Set, 2 lbs. ..... Set $7 45

WRENCHES

WILLIAMS' "SUPERRENCH."

Double Head Engineers' Pattern. Drop Forged. Heat Treated. Heads Polished Nickel Plated. Body Dull Nickel Plated. Openings Milled and Smooth. 15° Angle.

After exhaustive tests, Chrome-Molybdenum steel was selected as providing the strongest, toughest and most desirable material for the purpose ever produced. Wrenches made from it, though of lighter weight, thinner section, greater length and with narrower jaws than Carbon steel wrenches with corresponding openings, are far stronger than the latter

Guarantee: Williams' "Superrench" (Chrome-Molybdenum) wrenches will strip the thread of any standard nut, or break the bolt, before spreading the jaws. Furthermore they will not break. Any "Superrench" returned to us that does not meet these claims will be immediately replaced.

CHROME-MOLYBDENUM

No.	For U. S. Std. Nuts;	For Hex. Head Cap Screws; Diam. Screws.	For S.A.E. Std Nuts and Cap Screws	Openings Milled	Extreme Length, Approx.	Thickness Heads	Nickel-Finished Each
1721	1/8	1/8&3/16	.....	5/16&3/8	4¼	13/64	$0 80
1021	1/8&3/16	1/8	.....	5/16&13/32	4¼	13/64	80
1723	.....	3/16&1/4	1/4	3/8&7/16	4¼	13/64	80
1023	3/16&1/4	5/16	5/16	13/32&1/2	4¾	7/32	96
1725	1/4	1/4&5/16	1/4&5/16	7/16&1/2	5½	1/4	1 16
1725B	1/4	5/16&3/8	5/16&3/8	1/2&9/16	5½	1/4	1 16
1025	1/4&5/16	5/16	5/16	1/2&19/32	5½	1/4	1 16
1027	5/16&3/8	.....	.....	19/32&11/16	6½	9/32	1 40
1727	.....	3/8&7/16	3/8&7/16	9/16&5/8	6½	9/32	1 40
1027C	3/8	3/8	3/8	9/16&11/16	6½	9/32	1 40
1028S	7/16	7/16	7/16	5 8&25/32	7¾	5/16	1 74
1729	.....	7/16&1/2	7/16&1/2	5/8&3/4	7¾	5/16	1 74
1029	3/8&7/16	.....	.....	11/16&25/32	7¾	5/16	1 74
1731	.....	1/2&9/16	1/2	3/4&13/16	9¼	3/8	2 14
1731A	1/2	1/2&5/8	1/2&9/16	3/4&7/8	9¼	3/8	2 14
1031	7/16&1/2	5/8	9/16	25/32&7/8	9¼	3/8	2 14
1033	1/2&9/16	5/8	9/16	7/8&31/32	9¼	3/8	2 14
1733	1/2	5/8&3/4	9/16&11/16	7/8&1	10¾	7/16	2 64
1033C	.....	3/4	5/8&11/16	15/16&1	10¾	7/16	2 64
1737	3/4	7/8&1	7/8	1 1/8&1 1/4	12¼	1/2	3/18

AUTOMOTIVE SET

A selection of 6 Superrenches, heat treated and nickel finished, heads buffed bright. Set includes 1 each of the following numbers:

Number	For U. S. Std. Nuts; Size Bolts	For Hex. Head Cap Screws; Diam. Screws	For S. A. E. Std. Nuts and Cap Screws; Dia. Screws	Openings Milled	Extreme Length	Thickness Heads	Nickel-finished Each
1723		3/16 & ¼	¼	⅜ & 7/16	4¼	13/64	$0 80
1025	¼ & 5/16	5/16	5/16	½ & 19/32	5½	¼	1 16
1027C	⅜	⅜	⅜	9/16 & 11/16	6½	9/32	1 40
1028S	7/16	7/16	7/16	⅝ & 25/32	7¾	5/16	1 74
1731A	½	½ & ⅝	½ & 9/16	¾ & ⅞	9¼	⅜	2 14
1033C		¾	⅝&11/16	15/16 & 1	10¾	7/16	2 64

Set No 1025. In cloth roll. Wt. set, 3 lbs.....Set **$10 88**

TAPPET SET

A selection of 6 Superrenches, heat treated and nickel finished, heads buffed bright. Set includes 2 each of the following numbers:

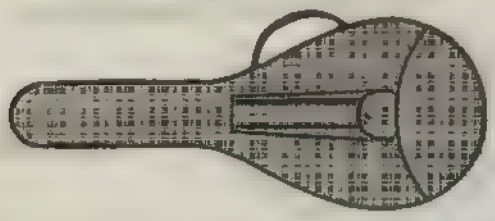
No. 1090D. ½ and 9/16 inch openings, 8 inches long.

No. 1092F. ⅝ and 11/16 inch openings, 8 inches long.

No. 1094. ¾ and ⅞ inch openings, 9 inches long.

Set No. 1063. In cloth roll. Wt. set, 1⅞ lbs.....Set **$15 40**

RACKET CASES

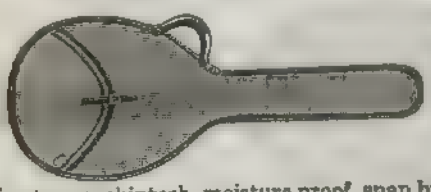


Per Doz

No. 22—Plaid waterproof cloth; tan cloth binding; leather handle; brass snap buttons. Equipped with pocket for three balls; wt per doz 3 lbs $21 60

No. 33—Denim waterproof cloth; tan cloth binding; leather handle; brass snap buttons. Equipped with pocket for three balls; wt per doz 4 lbs 25 50

One doz in cardboard box.



Per Doz

No. 5—Fine tan mackintosh, moisture proof, snap button flap; wt per doz 4½ lbs $33 75

Packed loose.

Per Doz

No. 10—Double texture tan Mackintosh cloth; tan cloth binding; leather handle; brass snap buttons. Equipped with pocket for three balls and pocket for shoes on reverse side, wt per doz 6¾ lbs $37 50

One doz in cardboard box.

RACKET PRESSES

Players wanting to keep their rackets from warping should always keep them in a press when not in use. This is the strongest and most practical press ever used for the purpose.

Per Doz

No. 0T—For holding one racket; made of maple; plain finish $28 50

Packed loose; wt per doz 13 lbs.

TENNIS BALLS

FAULTLESS

Official Size and Weight.

Sponge rubber of the lightest and most uniform texture, seamless cover. True in shape and perfectly centered. This construction makes it possible to put greater English or sharper cut on this ball than on the inflated type. Permanent resilience, will not deflate, stands up splendidly under hard play.

Per Doz

No. 25—Wt per doz 2 lbs $7 50

One in box, one doz in cardboard box.

TENNIS BALLS

The Championship Ball is adopted by the United States National Lawn Tennis Association; Inter Collegiate Lawn Tennis Association, Southern Lawn Tennis Association, Pacific States Lawn Tennis Association, Canadian Lawn Tennis Association and all other associations of note in United States and Canada.

WRIGHT & DITSON CHAMPIONSHIP

In Moisture Proof Containers.

High grade materials, resilient and durable. Cloth covered and undersewn. Has a peppy, live bounce, fast and accurate in play.

This is highly valuable to the player because it keeps the balls fresh and lively.

Per Doz

No. 1CB—One doz in cardboard box $13 20

No. 3CB—Same as No. 1CB except that it has a tight fitting, sealed, air and moisture proof Viscose protective covering which preserves the original life of the ball indefinitely until ready for use. Protects it from air, relieves the strain or pressure of inflation and prevents seepage of air contents through the rubber walls. Remove Viscose cover and you have fresh new balls uniform in every requirement. A small cutter furnished to remove protective covering 14 25

One doz in cardboard box; wt per doz about 1½ lbs.

LAWN TENNIS GUIDES

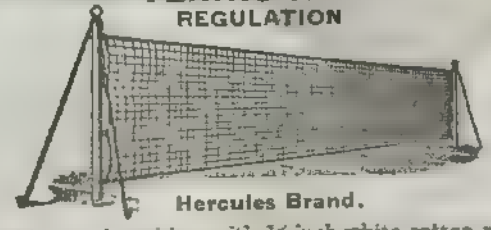
Each

No. 1G—Contains all the rules: how to build and mark out a court, also completely covering all items of interest applying to lawn tennis. Profusely illustrated. The most complete publication of its kind $0 84

Packed loose; wt per doz 18¾ lbs.

TENNIS NETS

REGULATION



Hercules Brand.

Machine made, white; with ⅛ inch white cotton rope; 1¾ inch mesh. Price does not include posts.

Each

No. 100—Single court; length 27 ft, No. 12 thread; wt per doz, 16 lbs $4 50

No. 106—Double court; length 36 ft, No. 15 thread; wt per doz, 24 lbs 7 50

No. 109—Double court; length 42 ft, No. 15 thread; wt per doz, 27 lbs 8 70

No. 106B—Double court; bound; length 36 ft, No. 15 thread; wt per doz, 30 lbs 9 90

No. 109B Double court; bound; length 42 ft, No. 15 thread; wt per doz, 32 lbs 11 25

Packed loose.

Newport Brand.

Hand made, white; with ¼ inch white cotton rope; 1¾ inch mesh; price does not include posts.

Each

No. 157—Double court; bound; length 36 ft, No. 21 thread; wt per doz, 45 lbs $11 40

No. 160—Double court; bound; length 42 ft, No. 21 thread; wt per doz 54 lbs 12 45

Packed loose.

TENNIS POSTS

LONGWOOD TOURNAMENT

Fitted with a very strong reel for tightening the rope; has hooks on the side to lace the net close to the pole. The clutch on post is of one piece, with three prongs bent at the end, so they may be driven in the ground, making the clutch absolutely rigid and secure.

	Per Pair
No. 1LP—Iron, enameled green	◆$59 40

Packed loose; wt per pair 40 lbs.

TENNIS CENTER STRAPS

CHAMPIONSHIP

A new device for holding center of net at regulation height (three feet). The anchorage or forks are flush with the ground instead of having an eye project above as heretofore, thereby permitting a roller to run over them without interference.

	Per Doz
No. 3-0—Canvas, with turnbuckle	$72 00
No. 2-0—Canvas, without turnbuckle	39 60

Packed loose; wt per doz 16 lbs.

TENNIS GUY ROPES

With Runners and Pegs.

A set consists of four runners, four pegs and four guy ropes; length of pegs 12 in.; cotton ropes.

	Per Doz Sets
No. 1—Length ropes 14 ft; plain hardwood pegs	$27 00

Packed loose; wt per set 1½ lbs.

TENNIS MARKING PLATES

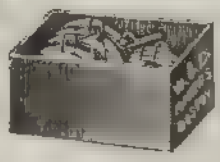
Malleable iron, painted white. After once placed in position the court is permanently marked.

	Per Doz Sets
No. T—With attached pins; eight corner pieces and two T pieces to a set	$67 50

Packed loose; wt per set about 4 lbs.

◆F. O. B. Illinois Factory Only.

TENNIS MARKING TAPES



Cotton webbing, for marking out court correctly. Fastened to ground with pins and staples. Adapted to clay, cinder or grass courts.

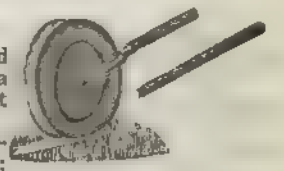
	Per Set
No. 2-0—Double court webbing; with 200 staples and 14 pins; wt per set, 10 lbs.	$21 00
No. 1—Double court webbing; extra heavy canvas, with 200 staples and 14 pins; wt per set 6 lbs.	27 00

One set in cardboard box.

COURT MARKERS

WRIGHT AND DITSON

Dry Marker.



Use powdered marble, air slacked lime, plaster of paris, etc. Leaves a clear, distinct mark. For either dirt or grass courts.

Holds sufficient material for marking the court once. Tin, japanned; cast iron fork; hardwood handle.

	Each
No. 0—Diam 8½ ins; width 2 ins; length handle 3 ft; wt each, 5 lbs.	$7 20

Packed loose.

TENNIS SHOES

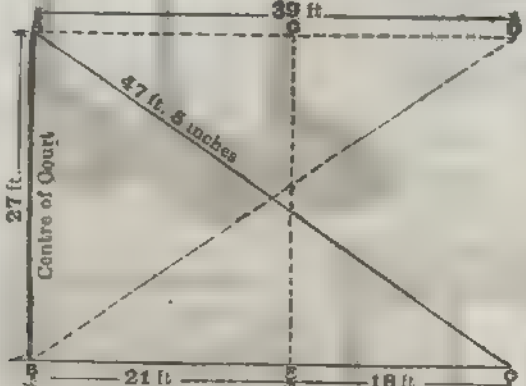
White corrugated rubber soles and heels; white duck uppers.

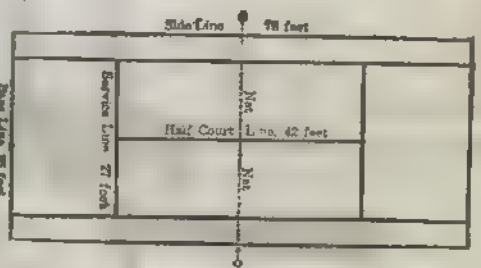
	Per Pair
Men's	
No. 2M$—Sizes 6, 7, 8, 9 and 10	$2 40
Boy's	
No. 2B$—Sizes 3; 3½, 4, 4½, 5 and 5½	2 25

One pr in cardboard box; wt per pr 1 lb.

HOW TO MARK OUT A COURT

("Officially Adopted" Lawn Tennis Guide).



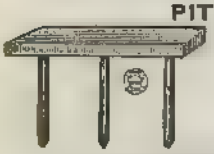


As a double court practically includes every line to be found in a single court, it is best to take first the measure for the latter.

Having determined the position of your net, plant in the ground, in the line chosen, two pegs, 27 feet apart (at the points A and B in the diagram). Then take two measures and attach their respective ends to the pegs A and B. On the first which will measure the diagonal of the court, take a length of 47 feet, 5 inches; on the other 39 feet; pull both taut in such directions that at these distances they meet, in a point C. This will give one corner of the Court. At that point, F, 21 feet from B, put in a peg to mark the end of the service line. The other corner, D, and the other end of the service-line G, may be found by interchanging the measures and repeating the process. The same measurements on the other side of the net will complete the exterior boundaries of the court. By prolonging the base-line 4 feet 6 inches in each direction, and joining the four new points thus obtained, we can make the side lines of a double court. It only remains to mark the central line. This is done by joining the middle points of the service lines. If a double court alone be required, the interior side-lines need not be prolonged to meet the base-lines. Remember that in all cases the net posts must stand at a distance of 3 feet from the side-lines.

BASE BALL GOODS

PITCHERS' BOX PLATES



Each

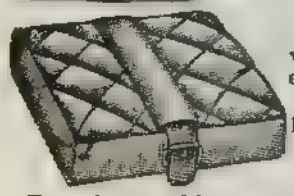
No. PR—White rubber; according to league regulations; complete with pins ..... ✚$26 40
Packed loose; wt each about 14½ lbs.

BASES—BELKNAP'S

Heavy white duck, quilted; each base fitted with one heavy duck strap. Complete with pins.

Per Set of 3

No. 1—Official size $22 05
Set of three in pkg; wt per set 12 lbs.



Extra heavy double white canvas; well stuffed and quilted; straps extra strong; complete with spikes.

Per Set of 3

No. E1—"League"; wt per set about 14 lbs ..... ✚$26 40

Extra heavy white canvas; well stuffed, extra strong straps; complete with spikes. Per Set of 3

No. E3—"Amateur"; wt per set about 14 lbs ..... ✚$17 70

Canvas, not stuffed; can be filled with sand or hay and after the game emptied. Per Set of 3

No. E4—Special; wt per set about 1¾ lbs ..... ✚$8 70
Set of three in pkg.

GLOVE DRESSING

"DOLCE"

For softening and preserving the leather in base ball mitts and gloves. The only preparation which will not rot the leather. It makes the pocket of the glove soft and pliable and enables the player to secure a grip on the ball with one hand. Put up in a tube and packed in a cardboard box.

Per Doz

Dolce—Wt per doz tubes about 1¾ lbs $6 00
One tube in cardboard box, one doz in carton.

UMPIRE INDICATORS

Celluloid, intended for the use of base ball umpires and scorers to keep tally of the number of balls and strikes. Highly recommended by all umpires.

Per Doz

No. 1—Length 3 ins; width 1 1/16 ins $25 80
One in cardboard box; wt per doz about 15 ozs.

SCORE BOOKS

Endorsed generally by baseball reporters and official club scorers; full and complete directions for correct scoring.

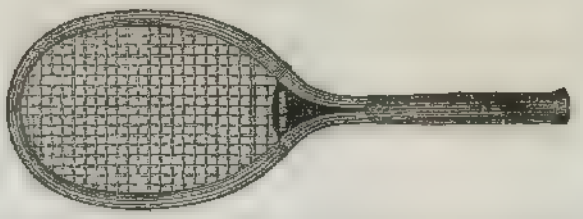
Pocket Size 6¾x4 Inches.	Each
No. 2SB—Cloth cover, 22 games, ¼ in. thick ✚	$0 60
No. 3SB—Cloth cover, 50 games, ⅜ in. thick ✚	1 20
No. 8SB—Leather cover, 100 games, ½ in. thick ✚	3 30
Packed loose.	
Club Size 12x9 Inches.	**Each**
No. 4SB—Cloth cover, 30 games, ¼ in. thick ✚	$3 30
No. 6SB—Cloth cover, 190 games, ½ in. thick ✚	4 65
Packed loose.	

✚Nos. HR, PR, E3 and E4—F. O. B. Pennsylvania Factory Only.
✚No. E1—F. O. B. Illinois Factory Only.

TENNIS RACKETS

WRIGHT AND DITSON

THE STAR

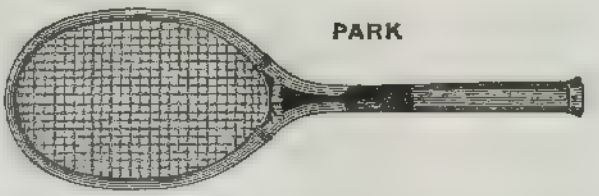


Strong chamfered frame. Green arch throat. Red silk cord wrappings on shoulder. Cedar handle. Strung with good grade gut.

Each

No. 1S—Light weight $6 60
One in paper bag.

PARK



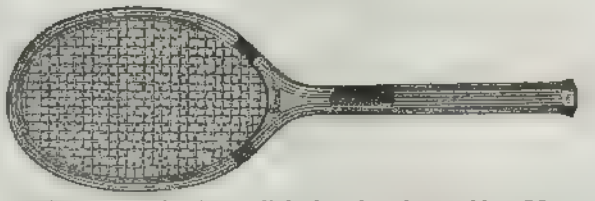
A sturdy frame with inner bevel. Oval green, inlaid throat. Shoulders wrapped with green silk cord.

Straight strung with good white Oriental gut. Straight center stringing.

Each

No. 2P—Light, medium and heavy weight $9 00
One in paper bag.

THE COMET



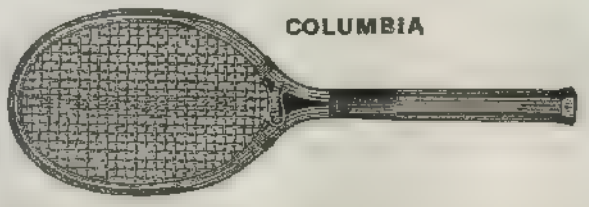
A full bow frame having a slight bevel on inner side. Maroon oval inlaid throat. Red fiberloid bound shoulders with red and white silk cord wrappings.

An excellent grade of Oriental gut is used for stringing. Single strung center.

Each

No. 1C—Light, medium and heavy weight $11 10
One in paper bag.

COLUMBIA



Oval reinforced frame with ebony finished depressed throat Double stringing of good quality red and white Oriental gut Double center stringing. Fiberloid flake red and white silk cord binding.

Each

No. 14C—Light, medium and heavy weight $13 20
One in paper bag.

TENNIS RACKETS

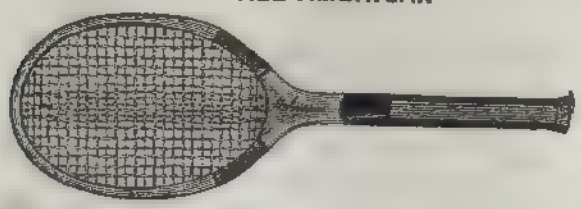
WRIGHT AND DITSON CHAMPION

Chamfered frame of white ash with mahogany throat, reinforced with elm. Bound at shoulder with fiberloid and wrapped with red and white silk cord. Strung with good quality white Duratite. Double center stringing.

	Each
No. 12C—Light, medium and heavy weight	$15 30

One in paper bag.

ALL AMERICAN

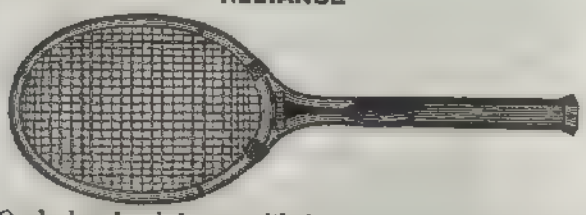


Beveled frame. Natural dogwood, inlaid throat. Double wrapped shoulders with blue tape binding. Strung with finest Duratite. Double stringing in center. Length handle 5¼ inches.

	Each
No. 8AA—Light, medium and heavy weight	$17 25

One in paper bag.

RELIANCE

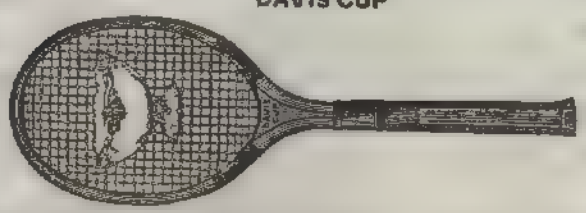


Oval chamfered frame with broad face. Rounded bow. Oval maroon throat. Patented lamination over throat and shoulders. Maroon tape wrappings and triple bindings of maroon and white silk cord on shoulders; combed white handles. Strung with highest grade Duratite. Straight center stringing with red bullseye.

	Each
No. 10S—Light, medium and heavy weight	$21 30

One in paper bag.

DAVIS CUP



Made with small bow, rounded frame. White oval inlaid throat. Fiberloid binding on shoulders and flake. Red and blue silk cord trimmings.

Straight strung with highest quality split lamb's gut. Length handle 5¼ inches.

	Each
No. 4DC—Light, medium and heavy weight	$33 00

One in paper bag.

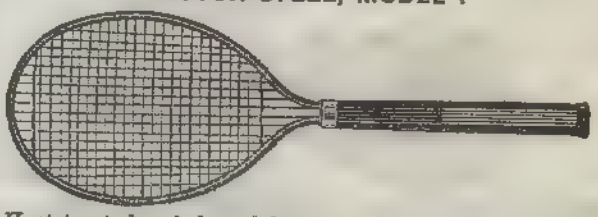
TENNIS RACKETS

DAYTON STEEL, JUNIOR PILOT

Oval steel tubing frame, dark green duco enameled; copper plated rust-proof twisted steel strings with a tension and resiliency equal to gut; green mottled imitation leather covered handle.

	Each
No. PJR—11½, 13½ and 14 oz.	$9 90

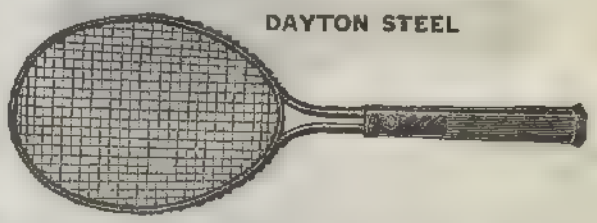
DAYTON STEEL, MODEL 7



Heat treated nickel steel frame, aluminum finish; varnished smooth finish selected California redwood handle; twisted steel strings with a tension and resiliency equal to gut. Vibration dampener eliminates all rings and hums.

	Each
No. 7—12, 12½, 13, 13½ and 14 ozs.	$18 75

DAYTON STEEL



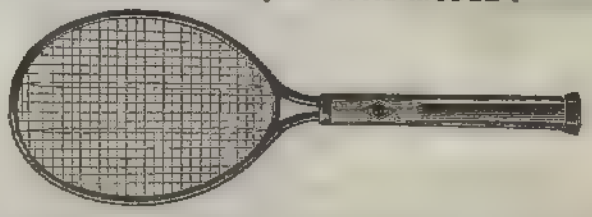
Approved by the U. S. Lawn Tennis Association.

Official for all Tournaments.

Oval shape steel tubing frame, black duco enameled; copper plated twisted steel strings with a tension and resiliency equal to gut, varnished wood handle with leather rimmed butt; ends of steel frame are sunk deep into handle and riveted. Designed for use on seashore and in damp climates.

	Each
No. DS—13, 13½, 14 and 14½ ozs.	$26 40

DAYTON STEEL, DE LUXE MODEL F



Oval shape steel tubing frame, buff color, duco enameled; copper plated twisted steel strings with a tension and resiliency equal to gut. Varnished wood handle with leather rimmed butt; ends of steel frame are sunk deep into handle and riveted. Designed for use on seashore and in damp climates.

	Each
No. FS—13, 13½, 14 and 14½ ozs.	$30 75

All of above in paper bag.

An International Silver Co. Product

PRESENTING

SILHOUETTE

THE NEW 1847 ROGERS BROS. PATTERN

INTERNATIONAL SILVER CO.

Wise business experts have pointed out that women influence the purchase of 85% of all commodities. If it's 85% in all commodities . . . imagine what it must be in an ultra-feminine article like silverware. You can estimate it at 98% and never be accused of the slightest exaggeration. Therefore SILHOUETTE follows the most feminine slant in the world for its theme . . . fashion. SILHOUETTE brings, in silverware, the same basic Paris inspired lines women demand in frocks, hats, handbags, shoes . . . every article of fashion. For certain identical, right, true lines run through all things of beauty and good taste. Clean, stream lines. And these are the lines of fashion, and of SILHOUETTE.

THE NEW SILHOUETTE PATTERN

VIANDE, the new knife

The new dinner knife, the Viande, is of special interest. Short blade . . . long handle. Enabling one to press one's finger on the handle instead of the blade. It's the logical shape for a knife. However, to please your conservative prospects, we also make the regular conventional dinner and dessert knives in SILHOUETTE—thereby giving you the chance to give your customer the choice. We predict that Viande will be the regulation standard knife on tomorrow's tables... and it is ready for you today.

1847 ROGERS BROS.

SILVERPLATE

THE NEW SILHOUETTE PATTERN

SPOONS	List Dozen	Consumer
Tea	$9.18	$7.50 doz
Dessert or Oval Soup	18.36	15.00 doz.
Table or Serving	18.36	15.00 doz
Soup, Round Bowl	18.36	15.00 doz
Berry or Salad	51.52	3.50 ea
Berry, small, or Preserve	40.52	2.75 ea.
Bouillon	17.74	7.25 six
Coffee	9.18	3.75 six
Cream Soup or Cereal	18.36	7.50 six
Five o'Clock Tea	9.18	3.75 six
Iced Tea	14.72	6.00 six
Olive	25.78	1.75 ea
Orange or Grape Fruit	14.10	5.75 six
Sugar	18.36	1.25 ea.
FORKS		
Dinner	18.36	15.00 doz
Dessert or Luncheon	18.36	15.00 doz.
Cold Meat, large	36.80	2.50 ea
Cold Meat, small	29.46	2.00 ea
Ice Cream	15.36	6.25 six
Oyster or Cocktail	12.90	5.25 six
Pastry or Pie	20.86	8.50 six
Pickle	22.06	1.50 ea.
Salad, Individual	18.36	7.50 six
MISCELLANEOUS		
Sugar Tongs	29.46	2.00 ea.
Ice Tongs	84.61	5.75 ea.
Cucumber or Tomato Server	47.86	3.25 ea.
Dessert Server	62.58	4.25 ea.
Jelly Server	25.78	1.75 ea.
Butter Knife	18.36	1.25 ea
Butter Spreaders	15.36	6.25 six
Cheese Server, H. H.	40.52	2.75 ea.
Pie Server, H. H.	66.26	4.50 ea.
Mayonnaise or Sauce Ladle	33.12	2.25 ea.
Gravy Ladle	40.52	2.75 ea.
KNIVES (Hollow Handle)		
Dinner, Mirror Finish Stainless Blades	36.50	28.00 doz.
Viande (Long Handle Short Blade), Mirror Finish Stainless Blades	39.12	30.00 doz.
Dessert, Mirror Finish Stainless Blades	36.50	28.00 doz
Tea or Salad, Stainless Blades	28.70	11.00 six
Fruit, Stainless Blades	28.70	22.00 doz
KNIVES (Solid Handle)		
Dinner, Stainless Blades	18.28	14.00 doz.
CARVING SETS (Hollow Handles, Stainless Blades and Tines)	Set	
Carving Set, 3 pcs.	23.46	18.00 set
Game Set, 2 pcs.	15.98	12.25 set
Steak Set, 2 pcs.	10.44	8.00 set

26, 34 and 50-PIECE UTILITY TRAY SETS

With Hollow Handle Knives, Mirror Finish Stainless Blades, and Flat Handle Forks

	List	Consumer
26-Pc. Utility Tray Set	$46.34	$36.25 set
34-Pc. Utility Tray Set	60.08	47.15 set
50-Pc. Utility Tray Set	89.10	69.75 set

With Viande (long handle, short, mirror finish stainless blade) Knives, and Flat Handle Forks

26-Pc. Utility Tray Set	47.64	37.25 set
34-Pc. Utility Tray Set	61.80	48.50 set
50-Pc. Utility Tray Set	91.70	71.75 set

With Solid Handle Knives, Stainless Blades, and Flat Handle Forks

26-Pc. Utility Tray Set	37.22	29.25 set
34-Pc. Utility Tray Set	47.92	37.80 set
50-Pc. Utility Tray Set	70.86	55.75 set

SILHOUETTE [illegible]

GIVEAWAY CHEST SETS—54, 76 and 100 PIECES

For the price of the silverplate alone

With Hollow Handle Knives, Mirror Finish Stainless Blades, and Flat Handle Forks

			Fair Consumer
54-Piece Giveaway Chest Set		$90.00	$72.20
8 Dinner Knives	8 Salad Forks	8 Dinner Forks	
8 Dinner Teaspoons	8 Individual Soup Spoons	1 Bread Knife	
8 Salad Knives	2 Serving Spoons		
8 Butter Spreaders	1 Gravy Ladle		
76-Piece Giveaway Chest Set		$112.28	$90.35
12 Dinner Knives	8 Salad Forks	8 Dinner Forks	
12 Dinner Teaspoons	8 Individual Soup Spoons	1 Bread Knife	
8 Salad Knives	2 Serving Spoons	1 Cream Server	
8 Butter Spreaders	1 Gravy Ladle	1 Sugar Shell	
100-Piece Giveaway Chest Set		$149.50	$120.25
12 Dinner Knives	12 Salad Forks	12 Dinner Forks	
12 Dinner Teaspoons	12 Individual Soup Spoons	1 Bread Knife	
12 Salad Knives	2 Serving Spoons	1 Cream Server	
12 Butter Spreaders	1 Gravy Ladle	1 Sugar Shell	

With Viande (long handle, short mirror finish stainless blade) Knives

	Fair Consumer
54-Piece Giveaway Chest Set	$91.72 $73.50
76-Piece Giveaway Chest Set	114.02 91.65
100-Piece Giveaway Chest Set	152.72 122.25

For other combinations, see pages illustrating other 1847 ROGERS BROS. patterns

·1847 ROGERS BROS·

Genuine snake. List $6.75. To retail at $5.00.
No. CF 51

Platinum finish. List $6.25. To retail at $4.50.
No. CF 52

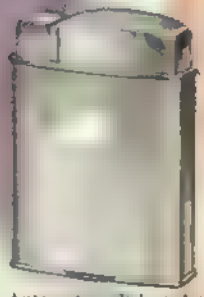
Paneled agate with inlaid leather. List $8.35. To retail at $6.50.
No. CF 53

Modernistic enamel. List $6.75. To retail at $5.00.
No. CF 54

Windodger polished platinum finish engine turned. List $13.00. To retail at $8.50.
No. CFW 56

Windodger genuine ostrich panel. List $10.40. To retail at $7.50.
No. CFW 55

Windodger modernistic enamel. List $10.40. To retail at $7.50.
No. CFW 57



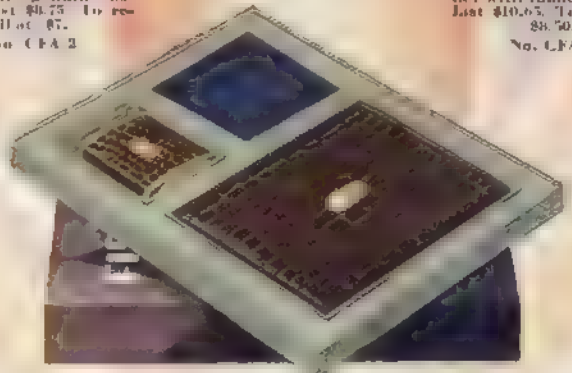
Automatic polished platinum finish engine turned. List $9.40. To retail at $7.50.
No. CFA 1

Automatic genuine ostrich. List $8.75. To retail at $7.
No. CFA 2

Automatic regimental stripe enamel. List $8.75. To retail at $7.00.
No. CFA 3

Automatic paneled agate with inlaid leathers. List $10.65. To retail at $8.50.
No. CFA 4

Automatic genuine alligator panel. List $8.75. To retail at $7.00.
No. CFA 5



Alligator smoking set. List $15.70. To retail at $12.50.
No. CFS 1

Automatic table lighter in enamel. List $15.70. To retail at $12.50.
No. CFA 6

Table lighter gold finish engine turned. List $11.00. To retail at $8.50.
No. CFT 58

The FIREFLY Lighter

always works ~ made by CLARK

MAKERS OF MENS FINE JEWELRY SINCE 1881

THE LIGHTERS SHOWN HERE ARE APPROXIMATELY ¾ ACTUAL SIZE

CLARK'S NEW *Perfected* AUTOMATIC!

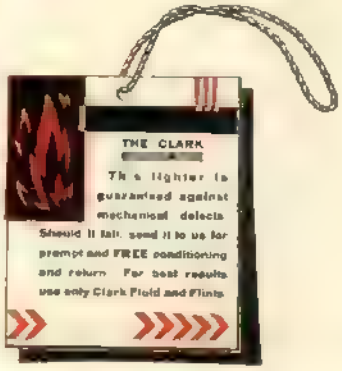
Clark has produced a new automatic—a beautiful, jewelry-finish Lighter that always works

CIGARET lighters were clumsy and uncertain mechanical devices until Clark the Jeweler made them. His jewelry experience, dating back to 1881, created in the Clark a precise, unfailing lighter. People wanted Clark Lighters in such quantities that competitors sprung up overnight. They sold lighters only to make money. Clark stuck to his policy of producing stylish, jewelry-finish lighters that always work. The new Firefly Automatic (from $5 up) is the culmination of two years of work and study to furnish the finest lighter on the market. Sixteen individual models were made and tested. Not until the seventeenth model was produced was Clark satisfied he had an automatic worthy of his name.

Advertising in national magazines has told and again will tell the story of Clark Lighters, policies and free repair service. Trade publications will give out the news of the many new and striking developments in the Clark and Firefly Lighter line.

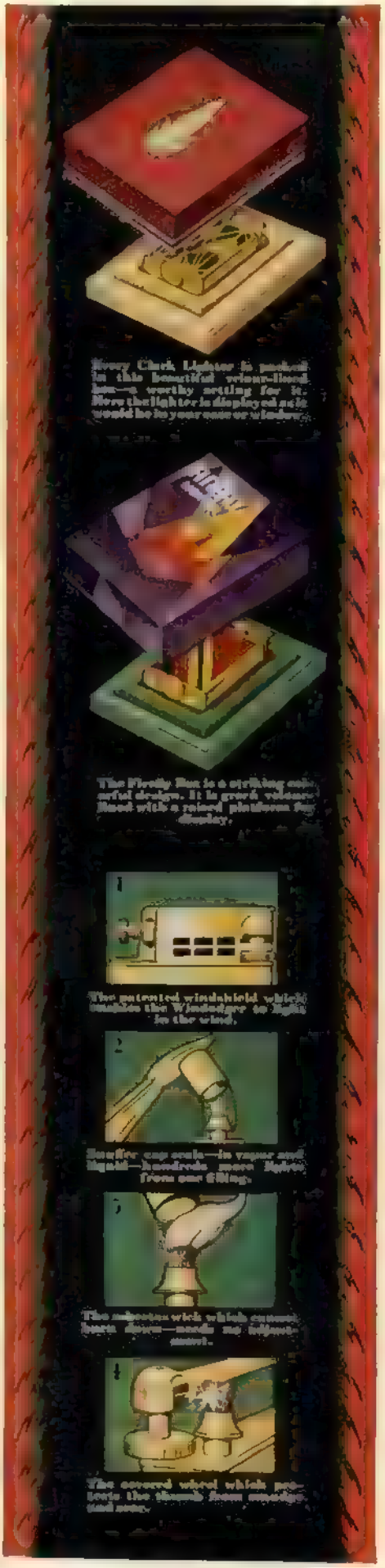
The new Firefly Automatic Lighter by Clark is being announced in these magazines. Advertising will continue to tell your trade of Clark and Firefly precision, beauty and style.

In these trade magazines, the vital news of Clark and Firefly Lighters with the latest models, styles and patterns are shown


THE CLARK
This lighter is guaranteed against mechanical defects. Should it fail, send it to us for prompt and FREE conditioning and return. For best results use only Clark Fluid and Flints

Not One Penny for Repairs

Nobody has ever paid Clark one cent for repair service on Clark and Firefly Lighters. To make customers realize that this free repair service is inseparably bound up with the in-built quality of Clark Lighters, this guarantee tag is attached to each lighter. It is, in itself, the clearest evidence of Clark's policy of protecting your good name from comebacks, criticism and complaints.



Every Clark Lighter is packed in this beautiful velour-lined box—a worthy setting for it. Here the lighter is displayed as it would be in your store or window.

The Firefly Base is a striking example of useful design. It is grooved velour-lined with a raised platform for display.

1 The patented windshield which enables the Windstopper to light in the wind.

2 Sunpipe cap seals—in vapor and liquid—hundreds more flights from our filling.

3 The asbestos wick which cannot burn down—needs no adjustment.

4 The covered wheel which protects the thumb from smudge and sores.

Petite genuine blue lizard. List $10.40. To retail at $7.50.
No. C LP 101
Petite genuine snake with signet. List $11.00. To retail at $8.50.
No. C LP 102
Petite polished platinum engine turned. List $10.40. To retail at $7.50.
No. C LP 103
Petite modern stic enamel. List $10.40. To retail at $ .50.
No. C LP 104
Petite modernistic enamel. List $10.40. To retail at $7.50.
No. C LP 105
Windodger genuine alligator. List $15.60. To retail at $12.50.
No. C LW 151
Windodger inlaid enamel. List $17.70. To retail at $15.00.
No. C LW 152
Windodger genuine black lizard and 14 K. signet. List $17.70. To retail at $15.00
No. C LW 153
Polished platinum finish engine turned. List $15.60. To retail at $12.50.
No. C L 154
Gold Finish. List $9.40. To retail at $7.50.
No. C L 155
Inlaid enamel. List $15.60. To retail at $12.50.
No. C L 156
Genuine ostrich paneled leather. List $15.60. To retail at $12.50.
No. C L 157
Table lighter genuine green alligator. List $18.80. To retail at $15.00
No. C T L 159
Clark Smoking Set in genuine brown lizard. List $18.80. To retail at $15.00.
No. C S 171
Table Lighter engine turned with enamel. List $21.00. To retail at $17.50.
No. C T L 160
The CLARK Lighter
always works ~ made by CLARK
MAKERS OF MENS FINE JEWELRY SINCE 1881

THE LIGHTERS SHOWN HERE ARE APPROXIMATELY ¾ ACTUAL SIZE

Firefly Sterling engine turned. List $21.90. To retail at $17.50.
No. FST 201

Firefly Sterling modernistic enamel. List $26.00. To retail at $20.00.
No. FST 202

Automatic Firefly Sterling hammered. List $25.00. To retail at $20.00.
No. FST 203

Automatic Firefly Sterling modernistic enamel. List $28.20. To retail at $22.50.
No. FST 204

Firefly Bridge smoking set. List $43.80. To retail at $35.00.
No. FBS 81

Clark Skyscraper table lighter. List $26.00. To retail at $20.00.
No. CLT 161

Firefly Table lighter bridge set. List $31.30. To retail at $25.00.
No. FTBS 82

Firefly Watch lighter with 6 jewel Swiss movement. List $41.80. To retail at $35.00. No. FWL 91

Firefly Watch lighter with 15 jewel Swiss movement. List $46.00. To retail at $40.00.
No. FWL 92

Clark Watch lighter with 15 jewel Swiss movement. List $52.00. To retail at $45.00.
No. CWL 181

Clark Watch lighter with 15 jewel Elgin movement. List $100.00. To retail at $75.00.
No. CWL 182

Clark Inlaid enamel. List $15.00. To retail at $12.50.
No. CL 164

Clark Lighter Fluid. List $3.75 per doz. To retail at 25c
No. CLFD 41

Clark Flints. Individual packages List $1.25 per doz. To retail at $.10 each Display box free with 6 doz.
No. CLFT 42

Clark Inlaid enamel List $15.60. To retail at $12.50.
No. CL 165

CLARK

SPECIAL ORDER NOVELTIES ETC.

ENQUIRE FOR UNLISTED ITEMS

ELGIN AMERICAN VANITIES
"FIT FOR A QUEEN"

(Illustrations four-fifths size)

N-129—Indestructible white finish, two-tone straight line top. Elginite enamel border and back. Fitted with unbreakable mirror, sifter for loose powder, rouge compact and chain handle. Each $5.30

N-130—Indestructible white finish, transparent enamel top. Elginite enamel border and back. Fitted with unbreakable mirror, sifter for loose powder and rouge compact. Each $9.00

N-131—Indestructible white finish Elginite enamel front, straight line back Fitted with unbreakable mirror, sifter for loose powder, rouge compact and chain handle. Each $4.50

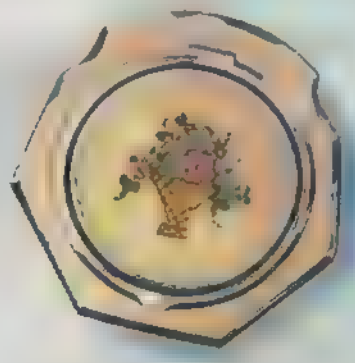
N-132—Indestructible white finish, Elginite enamel front, straight line back. Fitted with large clear unbreakable mirror, sifter for loose powder, rouge compact and chain handle. Each ... $5.30

N-133—Indestructible white finish Elginite enamel front and back. Fitted with unbreakable mirror, sifter for loose powder, rouge compact, lipstick, fingering and chain. Each $6.80

N-134 Indestructible white finish, Elginite enamel front, straight line back Fitted with large clear unbreakable mirror sifter for loose powder, rouge compact and chain handle. Each.....$4.90

N-135—Indestructible white finish, Elginite enamel front and back. Fitted with unbreakable mirror sifter for loose powder and rouge compact. Each $6.00

N-136 Indestructible white finish, book model Elginite enamel front and back. Fitted with large clear mirror, sifter for loose powder, rouge compact and lipstick. Each $6.00



N-137 Indestructible white finish, transparent enamel top, Elginite enamel border and back. Fitted with unbreakable mirror, sifter for loose powder and rouge compact. Each $9.80

ELGIN AMERICAN VANITIES
"FIT FOR A QUEEN"

N-138—Indestructible white finish Elginite enamel front, straight line back. Fitted with unbreakable mirror, sifter for loose powder, rouge compact and chain handle. Each $3.90

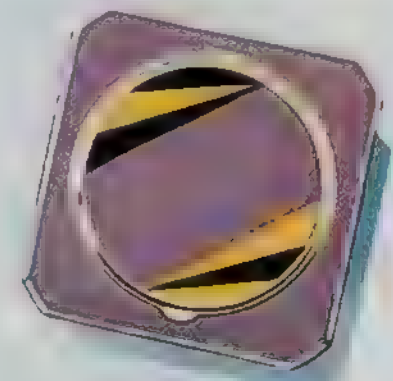
N-139—Indestructible white finish, Elginite enamel front and back. Fitted with unbreakable mirror, sifter for loose powder and rouge compact. Each $5.30

N-140—Indestructible white finish, straight line and Elginite enamel front, straight line back. Fitted with unbreakable mirror, sifter for loose powder, rouge compact and chain handle. Each $4.60

(Illustrations four-fifths size)

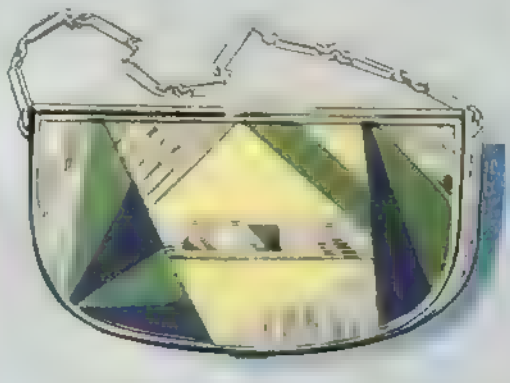
N-141—Indestructible white finish Elginite enamel and brocade top enamel border and back. Fitted with unbreakable mirror, sifter for loose powder, rouge compact and chain handle. Each . . $6.80

N-142—Indestructible white finish, Elginite enamel front, straight line back. Fitted with large clear mirror, sifter for loose powder, rouge compact, comb and chain handle. Each $4.90



N-143—Indestructible white finish, Elginite enamel front and back. Fitted with unbreakable mirror, sifter for loose powder and rouge compact. Each . $8.00

N-144—Indestructible white finish, transparent enamel top, Elginite enamel border and back. Fitted with unbreakable mirror, sifter for loose powder and rouge compact. Each $8.30

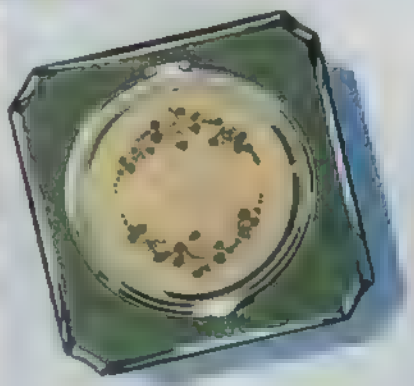


N-145—Indestructible white finish, straight line and Elginite enamel front, straight line back. Fitted with large clear unbreakable mirror, sifter for loose powder, rouge compact, lipstick and chain handle. Each $6.00

N-146—Indestructible white finish, transparent enamel top, Elginite enamel border and back. Fitted with unbreakable mirror sifter for loose powder, rouge compact and chain handle. Each $10.30

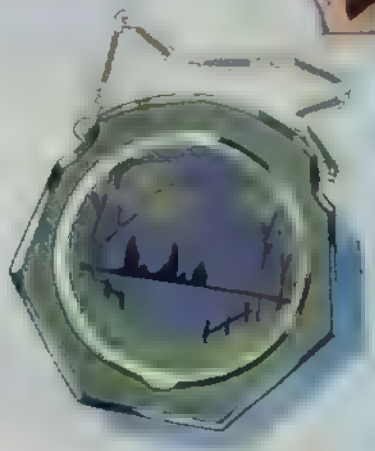
ELGIN AMERICAN MANUFACTURING CO.
ELGIN, ILLINOIS, U.S.A.

ELGIN AMERICAN VANITIES
"FIT FOR A QUEEN"



N-147—Indestructible white finish transparent enamel top, Elginite enamel border and back. Fitted with unbreakable mirror, sifter for loose powder and rouge compact. Each $8.80

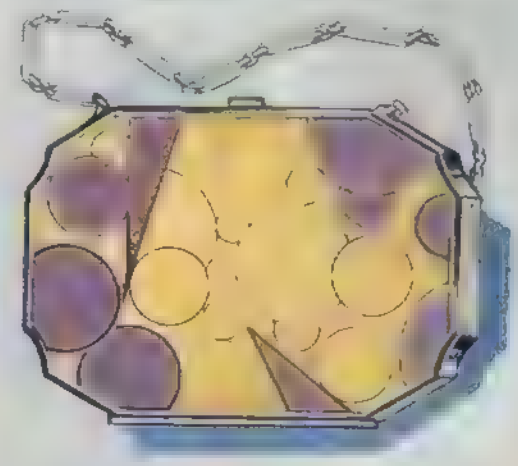
N-148—Indestructible white finish straight line and Elginite enamel front, straight line back. Fitted with unbreakable mirror, sifter for loose powder, rouge compact and chain handle. Each..$4.90



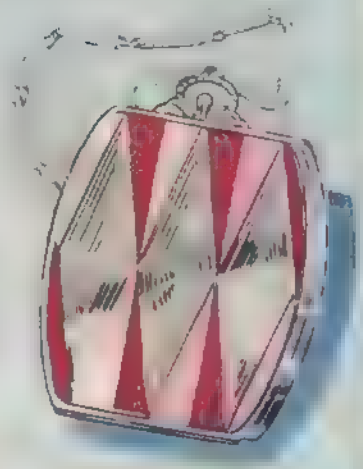
N-149—Indestructible white finish, Elginite enamel front and back. Fitted with unbreakable mirror, sifter for loose powder, rouge compact and chain handle. Each $6.60

(Illustrations four-fifths size)

N-150—Indestructible white finish Elginite enamel front, straight line back. Fitted with large clear unbreakable mirror, sifter for loose powder, rouge compact, lipstick and chain handle. Each $5.50

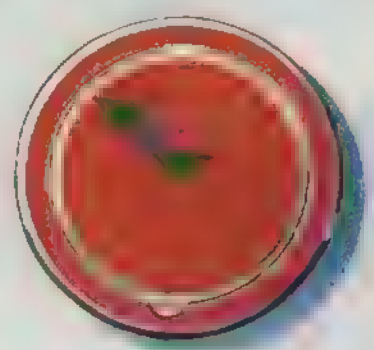


N-151—Indestructible white finish, Elginite enamel front, straight line back. Fitted with large clear unbreakable mirror, sifter for loose powder, rouge compact, lipstick and chain handle. Each $6.60



N-152—Indestructible white finish, straight line and Elginite enamel front, straight line back. Fitted with unbreakable mirror, sifter for loose powder, rouge compact and chain handle. Each . $3.80

N-153—Indestructible white finish Elginite enamel front and back. Fitted with unbreakable mirror, sifter for loose powder and rouge compact. Each..$3.80



N-154—Indestructible white finish, Elginite enamel front and back. Fitted with unbreakable mirror, sifter for loose powder and rouge compact. Each $4.50

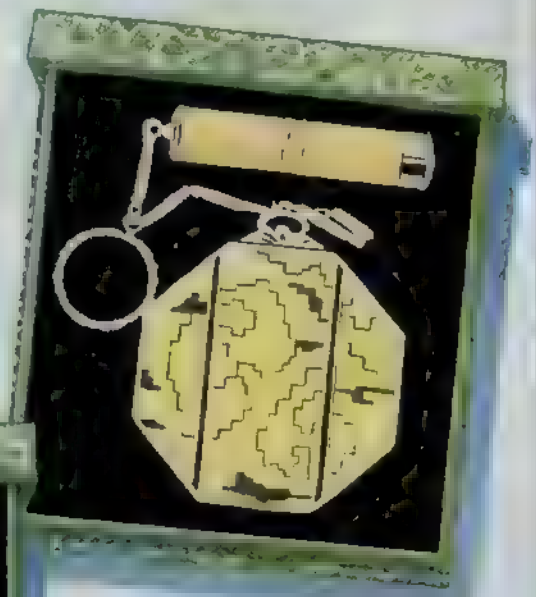
N-155—Indestructible white finish transparent enamel top, Elginite enamel border and back. Fitted with unbreakable mirror, sifter for loose powder and rouge compact. Each $9.00

ELGIN AMERICAN MANUFACTURING CO.
ELGIN, ILLINOIS, U.S.A.

ELGIN AMERICAN VANITIES
"FIT FOR A QUEEN"

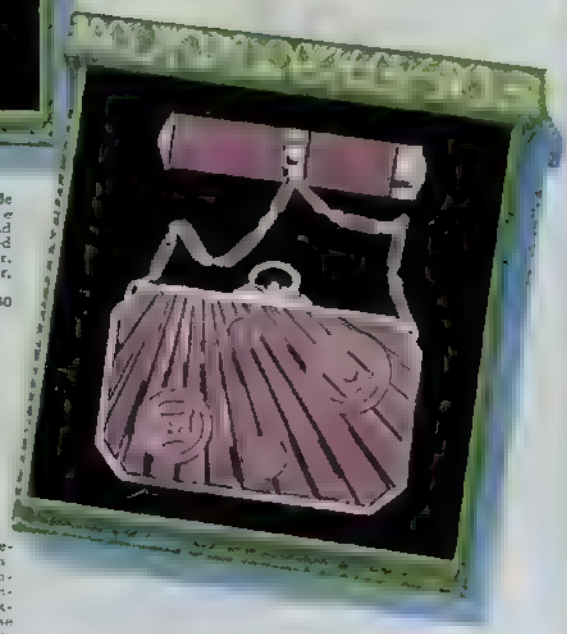
(Illustration two-thirds size

N-158 Set Indestructible white finish Elginite enamel cigarette case, vanity compact and lipstick. Compact fitted with unbreakable mirror, sifter for loose powder, rouge cake, finger-ring and chain. In display box **$12.50**



N-157 Set - Indestructible white finish Elginite enamel vanity compact and lipstick. Compact fitted with unbreakable mirror, sifter for loose powder, rouge cake, finger ring and chain. In display box **$8.50**

N-158 /Set —Indestructible white finish. Elginite enamel vanity compact and lipstick. Compact fitted with unbreakable mirror, sifter for loose powder, rouge cake and chain. In display box **$9.80**

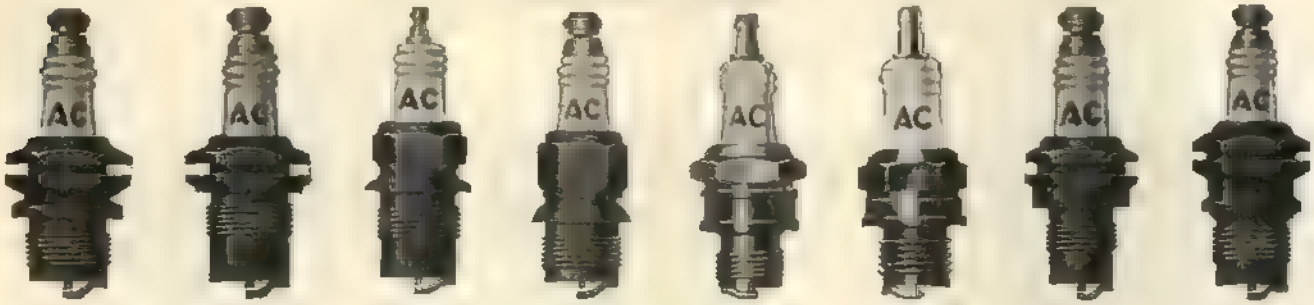


N-159 Set (Left) — Indestructible white finish Elginite enamel vanity compact and lipstick. Compact fitted with unbreakable mirror sifter for loose powder, rouge cake, finger-ring and chain. In display box **$8.80**

N-160 /Set -Indestructible white finish, Elginite enamel vanity compact and lipstick. Compact fitted with unbreakable mirror, sifter for loose powder, rouge cake and chain. In display box **$9.00**

ELGIN AMERICAN MANUFACTURING CO.
ELGIN, ILLINOIS, U. S. A.

AC SPARK PLUGS



Type A | Type B | Type C | Type E | Type G | Type J | Type W | Type Z

See Specification Chart Indicating The Types Of Spark Plugs Suitable For The Various Engines

Types A, B, C, E, G, J, W, and Z . . . . . Each $0 75

No. 1075. For Model T Fords

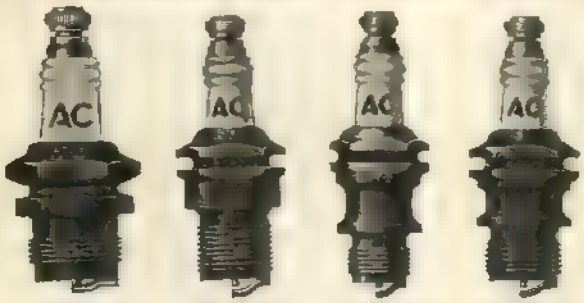
Type T. One piece design . . . . . Each 50
Type U. Two piece design . . . . . Each 50

For Model A Fords.

Type Z. In special Ford cartons . . . . . Each $0 75
In ordering be sure to specify "In Ford Cartons."

For Chevrolet

Type B. For all Chevrolet Models to 1928 . . . . Each $0 75
Type Z. For all Chevrolet 1928 Models . . . . Each 75
Type G. For all Chevrolet 1929 Models . . . . . Each 75
In ordering be sure to specify "In Chevrolet Cartons."

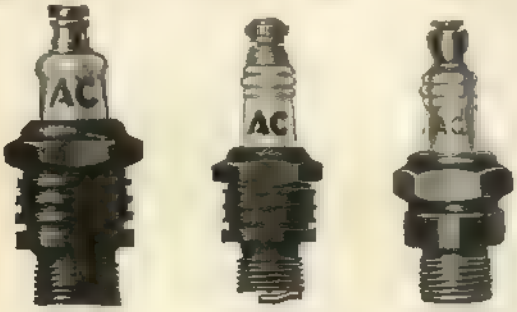


Type A | Type D | Type G | Type I

Long Life.

With extra heavy insulator, extra heavy gaskets and electrodes, made especially for truck and bus service. Can be used wherever types A, D, G or I Spark Plugs are recommended on the specification chart.

Types A, D, G and I, Long Life . . . . . Each $0 90



Type N | Type N-1 | Type NN-1

For Aviation Engines.

Type N. Metric Aircraft; recommended for air-cooled engines operating at cruising speeds or where continuous fouling is experienced with type NN 1 or pre-ignition with type N-1. . . . . Each $1.25

Type N-1. Metric Semi Aircraft (Modified Aircraft); recommended for water cooled engines, or in air cooled engines where fouling is experienced with type N Each $1 25

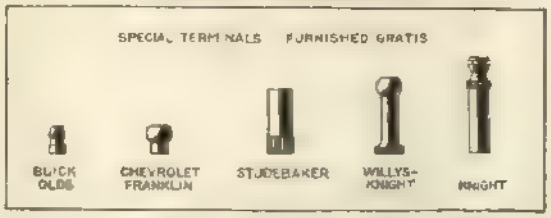
Type NN-1. Short Metric Aircraft; recommended for air cooled engines operating at full throttle over long distances, or where pre-ignition is experienced with type N . . . . . Each $1 25

Other Types and Sizes.

A-2½. ⅞ in Racing . . . . . Each $1 25
AM. ⅞ in. Marine . . . . . Each 75
F. ½ in. Regular . . . . . Each 75
GM. Metric Marine . . . . . Each 75
G-2½. Metric Racing . . . . . Each 1 25
G-6. Metric . . . . . Each 75
G-7. Metric . . . . . Each 75
G-8. Metric . . . . . Each 75
G-9. Metric . . . . . Each 75
G-10. Metric . . . . . Each 75
G-11. Metric . . . . . Each 75
G-12. Metric . . . . . Each 75
G-13. Metric . . . . . Each 75
I. ⅞ in. Long Body . . . . . Each $0 75
L. Long Body Metric Long Thread . . . . Each 75
M. Long Body Metric Short Thread . . . Each 75
NC-6. Metric Aviation . . . . . Each 1 25
NN. SAE Aircraft . . . . . Each 75
O. Metric Semi Aircraft Short . . . . Each 75
P. Short Metric . . . . . Each 75
Q. ½ in. Long . . . . . Each 75
Y. ⅝ in. Semi-Aircraft . . . . . Each 75
Z-1. ⅞ in Short Special . . . . . Each 75

AC Carbon-Proof. Types A, B, C, E, F, G, I, Q and Z are available with carbon-proof insulator. In ordering be sure to specify, "CARBON PROOF" . . . . . Each $0 75

SPECIAL TERMINALS



All A. C. Spark Plugs are shipped with the style of terminal connection most universally used.

When special terminals are required it is possible to use those from the old plugs as there is no deterioration on these parts. Special terminals, however, will be furnished gratis on request.

All above one in a carton. 10 cartons in a container. Weight of ten, 2½ lbs.

A. C. SPARK PLUGS

SPECIFICATION CHART

Indicating The Types Of Spark Plugs Suitable For The Various Engines.

Passenger Cars and Taxicabs.

*Ajax .....A
American .....B
*Anderson .....A
*Apperson Eight..E
*Apperson Six—1924 .....H
Auburn (to 1929) ... .A
Auburn—(1929 models 8-90 & 120, high compression) NN
Auburn—(1929 models 8-90 & 120 low compression) ..Y
*Bauer .....A
*Buick (to 1924 incl.).B
*Buick (1925 to 1926 incl.) C
*Buick 1929 (High Compression Head) N-1
*Buick—1929 (Low Compression Head) .....G
*Cadillac—(to March 26, 1928) .....A
*Cadillac—1928 ..Y
*Cadillac—(1929) G-10
*Case .....A
*Chandler—to 1923 I
*Chandler—1923 ..A
*Chandler—Models Pike's Peak ...Z 43 and 31..B C.P.
*Chandler—Models 135 and 137 ...B
*Chandler—Models 65 and 85 (1929) .....B
*Chandler Model 75 (1929) .....Z
*Checker Cab ....A
*Chevrolet—(to 1927,incl.)..B
*Chevrolet—1928 .Z
*Chevrolet—(1929) ... .G
*Chrysler—1927 ..A
Chrysler—72 & 80 Y
*Chrysler—52 and 62 (1928) A & Y
Chrysler—65 (1929) (Silver Dome) .....A
(Red Head) ..Y
Chrysler—75 (Silver Dome) A
(Red Head) ..Y
*Cleveland .....B
*Cole .....A
Cunningham ....Z
*Davis .....A
*DeSoto G-11
Diana .....A
Dodge—6 (All Models) I
Dodge—4 .....Z
Dorris .....A
*Driggs .....Z
Duesenberg .....G
*DuPont .....A
*DuPont—Model G ... N-1
*DuPont—Model G using aluminum cylinder head . .. .B
Durant—4—1928 A
Durant—6—1928 E
Durant—4—(to 1926, incl.) B
*Elcar—1927 and after A
Elcar—Model 120 Y
Elcar—1929 I
Erskine 1
*Essex—(to 21 incl.) .....A
*Essex—(21 to 25 incl.) ....G C. P.
*Essex—(26 to 28 incl.) .....W
*Essex—(1929 "Challenger") G-10
Falcon-Knight—(Use AC No 1550 Terminal Adapter) ... .E
*Flint .....A C P
Ford—Model T AC-1075
Model A ... . Z
Franklin - (to 1926) C
Franklin—"Airman" 1928 ..... Z
*Franklin—"Airman" 1929 .....N-1
Gardner .....E
Graham-Paige—610-614-619-629 .....Z
Graham-Paige—835 .....N-1
Gray .....A C. P.
H. C. S.—Taxi...I
H. C. S. .....A
*Haynes .....E
*Herts .....A
*Hudson—(to 1921) .....A
*Hudson—(21 to 25, incl.) G C. P
*Hudson—(26 to 28 incl.) .....W
*Hudson—29 ..G-10
Hupmobile—6 ...Z
Hupmobile—8 (1927) . . .. ..A
Hupmobile—8 , (1928) .....G
Hupmobile—1929 Century 8 ...N-1
*Jewett .....A
Jordon—6 ....G
Jordon—8 I
Kessler .....E
King .....A
*Kissel—6 and 8 ..A
*Kissel Cabs G-7
*Kleiber .....A
*LaSalle .. ..Y
*LaSalle—1929 G 10
Lexington .....E
Lincoln (to 1928) A
Lincoln (1928) ..Z
Lincoln 1929 . Z-1
Locomobile .....A
Luxor .....A
*McLaughlin—(to 1924).....B
*McLaughlin—(1925 to 1928) C
*McLaughlin - 1929 (High Compression) N-1
McLaughlin—1929 (Low Compression) G
Marmon....E C. P.
Marmon—T-68 and N-78 (1928) .....E
Marmon Model 68-'29 I
Marmon—Model 17-'29 .....NN
*Marquette G-12
Moon ....A
*Nash—Adv. and Spec. (to 1929) C
*Nash Light 6 and Standard (to 1929) .....A
*Nash—1929 Standard G
*Nash—1929 Adv. and Spec..J
*National Cabs....A
*Oakland—(1918 to 1923) C
*Oakland—(1923 to 1927,incl.) B C.P.
*Oakland—(1927 and after) ....B
*Oldsmobile—(1918 to 1926) ....C.C. P.
*Oldsmobile—Series F ...G-11
*Oldsmobile—Model E .....E
*Oldsmobile—8 ...A
*Oldsmobile—8 (1929) G-12
Overland—4 ....Q
Overland 6 I
Packard—(to 1926, incl.) A
Packard—(1927-1928) . .Z
Packard—8—1929 ..Z-1
Packard—8—1929 (High Alt. Head) ....Y
*Paige—6-45 .... A
Paige ..... A
Peerless .....A
Peerless—Model 81 .....G
Peerless—Models 61 and 91 I
Peerless—Model 61 (1929) ....A
Pierce-Arrow—(to 1925) .....A
Pierce-Arrow—36, 80, 81 and 126 (1925-1929) I
*Plymouth—(1929) G-13
*Pontiac—(to 1928) B C. P.
*Pontiac .....B
*Premier .....A
Reo—(to 1926) ..Q
Reo—Model A—Flying Cloud...Y
Reo—Model C—Flying Cloud G-12
*Revere .... .. A
Rickenbacker C C.P.
Rollin .....A
Rolls-Royce .....G
Roosevelt I
*Sandow Taxicabs A
*Star—(to 1927, incl.) A
Stearns-Knight Six .....A
Stearns-Knight - Eight .....E
Stearns—(to 1927, incl.) E C. P.
*Stevens-Duryea ..A
Studebaker (to 1929, incl.) F
Studebaker—(1920 to 1926, incl.) .....E
Studebaker—1927 Z
Studebaker—Dictator .....E
Studebaker—Pres and Com. to 1929 .....Z
Studebaker—Pres and Com—1929 I
Stutz—4 .....A
Stutz—6 .....Z
Stutz—8 .....G
Velie .....E
*Viking—8 ... G-11
*Westcott .....A
Whippet—4 and 6 (to '28 incl.) ..A
Whippet—4-'29 .....Y
Whippet—6-'29 .....Z
*White ....A
*Wills-Sainte Claire ....G
Willys-Knight—Models 56-70 ..E
Willys-Knight—66-A .....A
Willys-Knight—4 I
Willys-Knight—6 E
Windsor—Model 6-60 ....A
Windsor—Models 6-72, 6-77, 8-82, 8-92 G-11
Wolverine—(to 1928) .....E
Wolverine—Model B .....G
*Yellow Cab—05..A
*Yellow Cab—06..G

*Indicates AC Spark Plugs used as factory equipment. L.L. Indicates AC Long Life Plugs recommended—See p. 3.

C.P. Indicates AC Carbon Proof Plugs recommended.

A C SPARK PLUGS

SPECIFICATION CHART

Indicating The Types Of Spark Plugs Suitable For The Various Engines.

Commerical Cars, Buses.

*Ace ..... A
Acme ..... A
*Acorn ..... A
Ahrens—Fox Fire Engine ..... A
*Allied Motor Industries, Inc. G
*American La France ..... A
*Armleder ..... A
*Atterbury ..... A
Autocar ..... A
*Available ..... A
*Bessemer ..... A
Bethlehem—T 2 E
Bethlehem—T 5 ..I
*Betz ..... A
*Bridgeport ..... A
Brockway ..... A
*Buda ..... A
*Chevrolet—(to 1927, incl.) B
*Chevrolet—(1928 ..... Z
*Chevrolet—(1929) ..... G
*Chicago ..... B
*Chicago—(to 1927, incl.) A
Clinton ..... B
*Clydesdale ..... A
*Commerce ..... A
*Corbett I
*Corbett—56, 66 & 86..G-12
*Dart ..... A
*Diamond—"T" Speed Truck ..Y
Columbia ..... A
*Diamond— "T"..A
Diehl ..... A
*Douglas ..... A
Duplex ..... A
*Eagle ..... A
Essex G-10
Fageol .... A & G
*Fargo —(Silver Dome) A (Red Head) ..Y
*Federal—Models 2F-6 and F-6 ..A
*Federal—Model 3C-6 ...W
*Federal—With B-7 Continental Engine .....E
*Federal—(to 1927) ....A
*Federal—all other Models B
*Federal-Knight ..I
*Fifth Ave. Coach A
Ford—Model T—AC-1075
Ford Model AA Z
*Freeman-FWD AL L
Fulton .....A
*F. W. D. .....A
Garford .....B
Garford—(1 Ton) .....A
*Gary .....A
*General Mfg Co. Fire Apparatus AL. Life
*GMC ....Z
*GMC—Model YZ..AL.L.
*GMC—(Buick 1928 Engine)..C
*GMC—Models T-30, T-42, T-60 (Buick 1929 Engine) G-9
*GMC—(Pontiac Engine) .....B
*GMC—Model W..Y
Gotfredson .....A
Graham Bros.—4 .....Z
Graham Bros.—6 .....Y
*Graham Bernstein .....A
Gramm Motors...A
*G. W. W.....E
Harvey .....A
Hawkeye .....A
*Hendrickson A L. L.
*Huffman .....A
*Hug .....I L. Life
*Independent ....A
Indiana .....A
Indiana—Model 200 Ranger C
International ...E
*Jumbo .....A
*Kearns .....A
Kelly-Springfield A
*Kenworth .....A
*Kenworth—with Buda HS-6 and DW-6 engines..Y
*King-Zeitler .....A
*Kissel .....A
*Kleiber .....A
*Luverne .....A
*Maccar .....A
*Maccar—Model 36200...E
*MacDonald—Gray ....A L. L.
Mack I
*MaMson ....A C.P.
*Master .....A
*Maxim—BU1, BU2, BHL ....A M-2,M 3,MHL .H
*Pak-Age-Kar—After June,'27..G
*Pak-Age Kar—To June, '27...A
*Menominee .....A
Moreland I
*Nash .....A
*National ....A
*Nelson-LeMoon ..A
*Noble ....A
*Nucar ....A
*Ogden ....A
*O. K .....A
Oneida ....A
Oshkosh .....A
Packard .....A
*Patriot .....A
Pierce-Arrow—R 9 .....G
Fleet Arrow ..A
Other Models...I
*Peter Pirsch Fire Engines ..... A
*Peter Pirsch Fire Engines using Continental 18R &20R Engines N-1
*Rainier .....A
*Red Ball .....A
*Reiland and Bree G
Reliable .....A
Reo—(1927) ....A
Reo—(Prior to 1927) Q
Reo—BA, DA, DC...G
Reo—Other Models—Y
*Republic—(to 1928) .....E
*Republic—1928 ..A
*Rowe .....E
*Ruggles .....E
*Sandow .....A
*Sanford—Models S, F, O and R..A
*Sanford—Model N .....G
Seagrave .....A
Selden .....A
Service .....A
*Southern Fire Apparatus I
Standard .....E
*Sterling .....A
*Sterling—Model DC 25-64.....A
*Sterling Tractor Type Trucks IL.L.
Stewart .....A
*Stoughton .....A
*Sullivan .....A
Superior ....A
Thorne ....A
Traffic .....A
Transport .....A
*Twin City .....A
*United .....A
*Versare .....Z
*Victor ....A
*Wachusett .....A
*Walker-Johnson A
*Walter .....A
*Ward LaFrance A C.P.
*Watson .....A
*White—¾ Ton ..M
*White—Model 54.....NN
*White—50-B, 51-A, 52, 53, 55, 56, 57, 58, 60 and 61 I
*White—Models 15-B and 20-A .....P
Wilcox-Trux ....A
Willys-Knight—2½ Ton .....A
*Wilson .....E
*Winther .....A
*Wisconsin Coach A
*Witt-Will .....A
*Yellow ..A L. Life
*Yellow Coach—8 Cylinders....Y

Tractors.

*Advance Rumley A
*Allis Chalmers ..C
*Avery—"Road Razer" A
*Avery .....F
*Bates .....A
*Beaver .....H
*Beeman .....F
Best ..... A
*J. I. Case.....Y
Caterpillar ..... A
Cletrac ..... A
*Dart .....A
Deere .....F
Eagle .....F
*E-B .....F
*Fitch .....A
Fordson ..AC-1075
Fourdrive—Model E-15 ....A
Gray .....A
*Hart-Parr .....F
*Hart-Parr—Late Models ..A
*Holt Caterpillar—to 1921 .....A
New Models ...I
International E L. Life
*J. & T. .....B
*LaCrosse .....F
Leader—(B 12-16) .....F
Leader—(C-18-36) ....A
Linn .....B
Little Giant .....F
*Lombard I
McCormack Deering .....E
*Minneapolis .....F
Monarch .....H
Nichols-Shepard F
*Pioneer .....F
*Samson ....B
*Sanford ....A
Shawnee ....A
*Tioga .....A
*Titan ....A
Topp Stewart ...A
Townsend .....A
Twin City .....E
Wallis .....A
Waterloo Boy ...F
*Wisconsin .....A
Yuba .....A
Yuba—20-35-40-70 .....F

*Indicates AC Spark Plugs used as factory equipment. J.L Indicates AC Long Life Plugs recommended.

C.P. Indicates AC Carbon Proof Plugs recommended.

A. C. SPARK PLUGS

SPECIFICATION CHART

Indicating The Types Of Spark Plugs Suitable For The Various Engines.

Marine Engines.

Anderson .. ....F
*Auto Engine Y & N 1
Automatic .....Q
Amphion C
*Brennan .....B
*Buda .....A or Y
Cady and Cadyford .....F
*Caille—Model 36 and 46 .. G-7
*Caille—Model B .....G 10
*Caille—Model B Racing G-8
*Caille—Model C G-8
*Caille—Model B Cruisng ..G-10
*Caille—Models 22 12 and Scout Twin ..... Z
*Caille Liberty ...Y
*Capitol .....N
Chrysler—Red Head 80 ..Y
*Curtis ..... .G
Dodge ....Z
*Elco Type F....Y
*Elto Hi Speed Quad, Service Quad and Hi Speed Speedster G-6
*Elto Lightweight and Service Speedster Models G-8
Evansville .....F
*Evinrude ..... A
*Gray Continental 14 K High Compression .....GM
*Gray Model S 100 (Std. Comp.) N-1
*Gray Model S 100 (High Comp.) . ...GM
*Gray Model 4-30, 4 40 ..... .Z
*Gray Models 4-50 4-75 6-40 .....B
*Gray Models 6-60, 6-72 6-90 .....A
Hall-Scott .....G
Hubbard C
*Johnson N-1
Kearns .....A
Kermath Models 125 150 & 200 .....NN-1
Kermath—others A
Knox ....Q
*Lathrop—Mystic Models E
*Lathrop—Other Models B
*Lockwood (Std Comp.) G-7
*Lockwood (High Comp.) ...G-2½
*Lockwood Ace and Chief ...G-7
*Lockwood Racing Chief G-2½
*Lycoming—Model UD ..G-10
*Lycoming ....G 10
*Peerless ....F or C
Pierce-Boudin ...A
Red Wing—Models K and D.. E
Red Wing—Other Models C
Regal ..... E
*Roberts ....C or E
St. Lawrence ....F
Scripps C
Scripps—F-4 and F-6....A
Scripps F-6 Jr. G 6, H 6 and 200 H P. ...N 1
*Sorg. .....F
Spitaway .....F
*Standard .....E
*Stearns ....B or I
Sterling—(All Except D-2)...E
Turmo C
Sterling—D-2 ...F
Universal—6-70 H. P. ....B
Universal—100 H. P. ...A
Universal .....NN
*Van Blerck .....A
*Van Blerck "J"..G
Wisconsin .....A
*Wright ....G

Marine engine service is grouped into four classifications, for each of which there is a special type AC Spark Plug, as follows:

1 For high speed, high compression marine engines operating at high temperatures—AC Type "AM" ¾ inch, Regular Marine, or Type "GM" Metric Regular Marine.

2. For outboard or inboard racing engines—AC Type G-2½ Metric or AC Type A-2½ X inch Regular.

3 For boats equipped with automobile engines, operating at fairly high speeds, compressions and temperatures, as well as outboard engines for cruising speeds AC Type "Y" ⅞ inch Semi-Aircraft or AC Type "N 1" Metric Semi-Aircraft.

4 For slow speed, large bore marine engines, operating at ordinary compressions and temperatures AC Type "Q" ½ Inch Long; AC Type "A" ⅞ Inch Regular, or AC Type "G" Metric Regular.

Aviation Engines.

Anzani ....N
*Comet .....N
Continental .. ..N
*Curtis Racer ....N
*Curtiss—OX5 and OXX6 .....N-1
Curtiss—"Chieftain" .. N
*Curtiss—"Challenger" NC-6
Dalley .....N
Driggs N-1
*Fairchild Caminez .... .N
Hallett .....N
Hall Scott ... N 1
Hispano Suiza N-1
*Kinner .....N
Le Blond .....N
Mercedes—20 H.P. Engine...N
Packard .....N
*Pitcairn .....N
*Pratt&Whitney ..N
Salmson 40 H. P. .....N
*Szekely SR-3 ..N
*Velie ....N
*Warner ... ...N
*Wright .....N

Motorcycles.

*Ace .....G
*Briggs and Stratton .....G
Cleveland .....G
*Excelsior .....P
Harley Davidson—2 Cyl ..N 1
Harley Davidson—1 Cyl. ...Y
*Henderson ... ..O
Indian N-1
*Johnson N-1
*Johnson—to March, 1927 ..G
Ner-A-Car ..... G

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C. P. Indicates AC Carbon Proof Plugs recommended.

A. C. SPARK PLUGS

SPECIFICATION CHART

Indicating The Types Of Spark Plugs Suitable For The Various Engines.

Lightning Plants

Automatic .....E
*C Y. C. .....F
*Daytonlite .....A
*Delco Light C
*Delco Light 4 Cyl., 1500 Watt .....W
*Dynelectric .....E
*Eastlite .....F
*Electrion C
*Fairbanks .....A
*Farmelectric ....F
*Genco .....A
*Globe Light and Power .....E
Homelite .....P
Homelite—(to 1927) .... G
*Kohler Lighting Plant..A LL & G
*Lalley Light ....A
*Lucolite . . ..A
*Matthews . . . .M
*Meyerlite .. ....A
*Nan-Ki Vel .....A
*Northlite .....F
*Owen .....W & E
*Perfection ....A
*Powerlite . ....A
*Roco .....A
*Swartz .....F
*United ....A
*Wesco ... .A

Miscellaneous.

*Adco Engines ...F
Austin Mfg. Co...F
*Baker Engines AC-1075
*Barber-Grain Conveyor .... A
*Bean Spray Pump ..AC-1075
Blatz-Paige .....F
Brennan Motors—4 cylinder ..N-1
Brennan Motors—6 Cylinder . ..W
*Bucyrus-Erie Co.—(Wauke sha Motors) ..A
*Bucyrus Erie Co.—(Wisconsin Motors) ..B
*Buda—Rail Car ..... .N 1
*Buhl Air Compressors .....E
Burton Locomotives ..A
*Butler Sweepers A
*Byers Machines C
*Casey Jones ...AC-1075
*Coldwell Lawn Mowers ..A & G
Continental..A & G
*Dexter Washing Machines .... G
*Douglas Pump ..A
*Ekonomy Gas Engines .....F
*Elgin Sweepers..A
*Emerson-Brantington ...F
*Erie Shovels ....A
Fairbanks-Morse Ry .....F
Fairmont Ry. ...F
Fay & Bowen—"Challenger" Y
*Fuller & Johnson A
*Gardner Denver A
*Gleaner Harvester .....A
*Hercules—1929 ..A
*Ingersoll-Rand AC .....A
*Insley Excavators .....A
Kalamazoo Ry. ..F
Kent Concrete Mixer ..... .A
*Koehring Road Pavers .....A
Light Mfg. & Foundry .....A
*Maxim Motors—(After Feb. '28) .....AC.P.
*Maxim Motors ..A
*Maxim—Motor Driven Apparatus Using Dual Ignition..E C. P.
*Maytag Washing Machines..F C.P.
*Milwaukee Gas Locomotives ..F
*Milwaukee Lawn Mowers G-9
Motor Mower ...A
*Mudge Railway..F
*New Way Twin Engines .....G
*Orton Cranes and Shovels ...A
*Osgood Cranes...B
*Pacific Pumper..G
*P & H Excavators .....A
*Palmer Bros.—N K-4 to '24...H
*Palmer Bros.—N K-4 after '24 .....A or Y
*Perfection Power Sprayers .....F
*Peter Pirsch Fire Apparatus ....Y
*A. L. Powell Power Co. ....W
*Ready Power ....P
*Sanderson Cyclone Drill..Y
*Schramm Air Compressors A&F
*Skagit Hoists, Speeders, etc ..A
Skagit Locomotives .....Y
*Sorg Motors .....F
Standard Separators ....F
*Sullivan Portable Air Compressors .....A
*Syracuse Washing Machines..W
*Thorne Package Car .....A
Toro Cultivator..A
*Vaughn Drag Saw .....F
*Vulcan Machinery ....A
Wade Drag Saw F
Wisconsin Engine Models—G & F .....A

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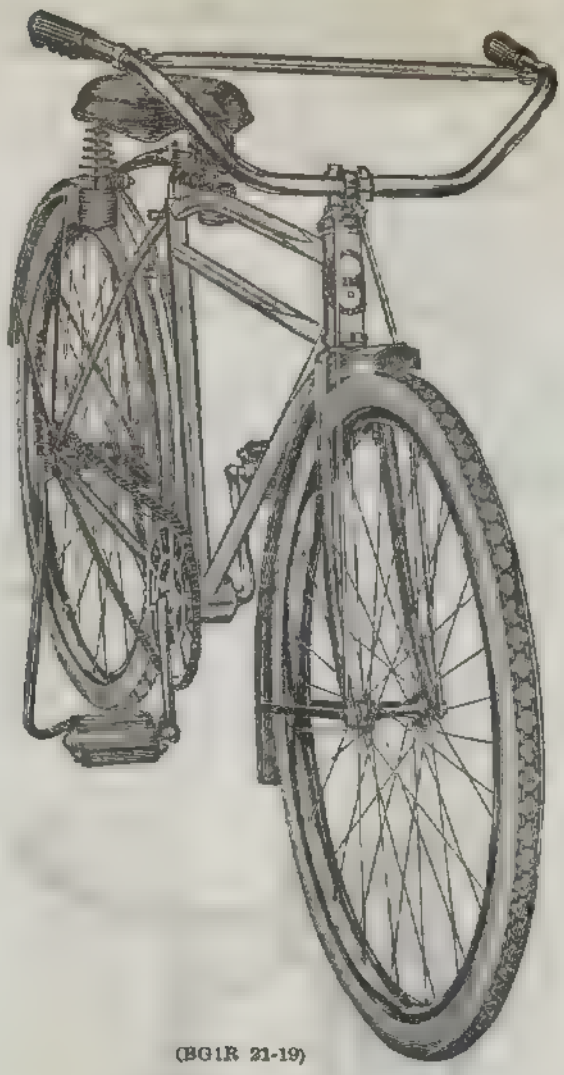
C. P. Indicates AC Carbon Proof Plugs recommended

BICYCLES



(BG1R 21-19)

—BLUE GRASS—MEN'S MOTORBIKE

Beautifully finished in new attractive colors and striped. Equipped with new type motorbike saddle and handle bars. The drop bar gives a 2 inch smaller seat adjustment.

Description.

Frame—1 inch seamless, steel tubing.
Sprocket—Front 26 tooth, rear 10 tooth.
Coaster Brake—New Departure.
Wheel Rims—Lobdell armoured rims, 28 inch; 36 spokes in both wheels.
Chain—Diamond roller.
Mud Guards—Heavy drop sides.
Stand—As illustrated.

With Blue Grass No. BG23 Trade Mark, Single Tube Tires.

	Each
No. BG1R-$^{21}/_{19}$—Finished in oxblood enamel, striped in black and white	$88 50
No. BG1B-$^{21}/_{19}$—Finished in blue enamel, striped in black and white	88 50

With Blue Grass No. BG021 Trade Mark Tread G&J Style Clincher.

	Each
No. BG01R-$^{21}/_{19}$—Finished in oxblood enamel, striped in black and white	$92 25
No. BG01B-$^{21}/_{19}$—Finished in blue enamel, striped in black and white	92 25

One in crate; average wt each 60 lbs.

(BG3B 20-18)

—BLUE GRASS—MEN'S CAMEL BACK

Attractively finished and striped. The dropped bar gives a 2 inch smaller seat adjustment.

Description.

Frame—1 inch seamless, steel tubing.
Sprocket—Front 26 tooth, rear 10 tooth.
Coaster Brake—New Departure.
Wheel Rims—Lobdell armoured rims, 28 inch; 36 spokes in both wheels.
Chain—Diamond Roller.
Mud Guards—Heavy drop sides.
Stand—As illustrated.

With Blue Grass No. BG23 Trake Mark Tread Single Tube Tires.

	Each
No. BG3B-$^{20}/_{18}$—Finished in blue enamel, striped in red and white	$78 75
No. BG3R-$^{20}/_{18}$—Finished in oxblood enamel, striped in black and white	78 75

One in crate; average wt 50 lbs.

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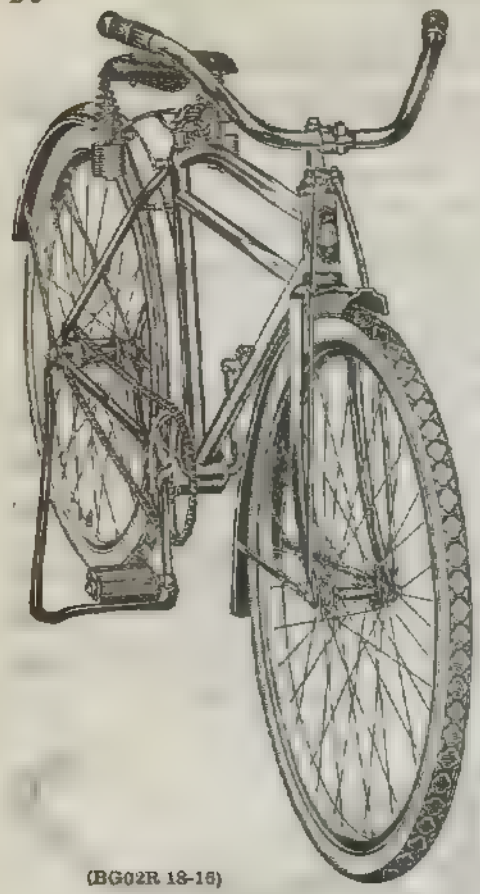


(BG02R 18-16)

BICYCLES

—BLUE GRASS—JUVENILE MOTORBIKE

New in design and color. Just the kind that instantly appeals to all boys.

Description.

Frame—1 inch seamless, steel tubing.
Sprocket—Front 26 tooth, rear 10 tooth.
Coaster Brake—New Departure.
Wheel Rims—Lobdell armoured rims, 26 inch; 36 spokes in both wheels.
Chain—Diamond roller.
Mud Guards—Heavy drop sides.
Stand—As illustrated.

With Blue Grass No. BG21 Trade Mark Tread Single Tube Tires.

	Each
No. BG2R-18/16—Finished in oxblood enamel, striped in black and white	$83 25
No. BG2B-18/16—Finished in blue enamel, striped in red and white	83 25

With Blue Grass No. BG018 Trade Mark Tread G&J Style Clincher.

	Each
No. BG02R-18/16—Finished in oxblood enamel, striped in black and white	$88 50
No. BG02B-18/16—Finished in blue enamel, striped in red and white	88 50

—BLUE GRASS—JUVENILE CAMEL BACK

Attractively finished in new colors with neat striping. Comfortable saddle and new type handle bars.

Description.

Frame—1 inch seamless, steel tubing.
Sprocket—Front 26 tooth, rear 10 tooth.
Coaster Brake—New Departure.
Wheel Rims—Lobdell armoured rims, 36 spokes in both wheels.
Chain—Diamond roller.
Mud Guards—Heavy drop sides.
Stand—As illustrated.

With Blue Grass Trade Mark Tread Single Tube Tires.

Finished in blue enamel, striped in red and white.

Nos.	BG4B-18/16	BG4B-17/15
Number of tires	BG21	BG20
Size wheel, ins	26	24
Size frame, ins	18/16	17/15
Each	$74 25	74 25

Finished in oxblood enamel, striped in black and white.

Nos.	BG4R-18/16	BG4R-17/15
Number of tires	BG21	BG20
Size wheel, ins	26	24
Size frame, ins	18/16	17/15
Each	$74 25	74 25

With Blue Grass No. BG018 Trade Mark Tread G&J Style Clincher Tires.

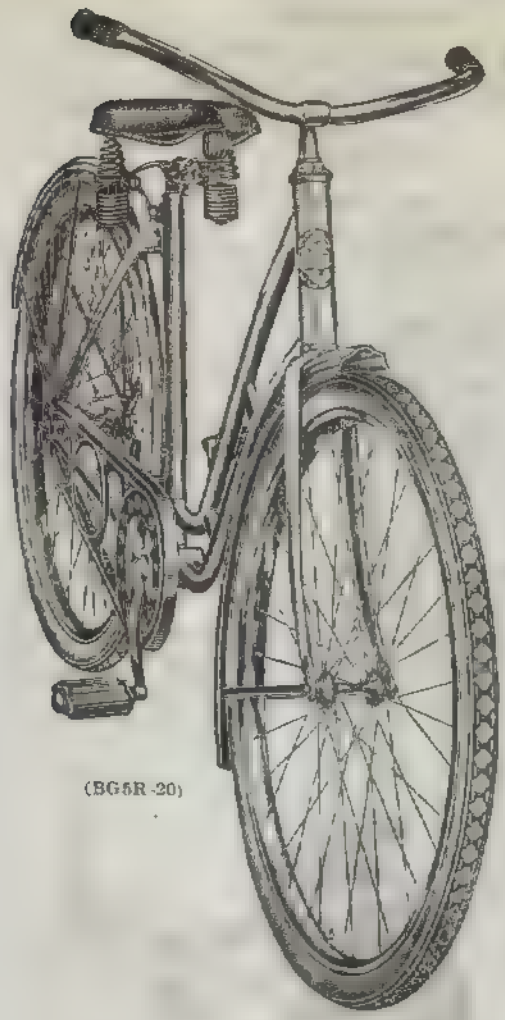
Nos.	BG04R-18/16	BG04B-18/16
Color	Red	Blue
Size wheel, ins	26	26
Size frame, ins	18/16	18/16
Each	$80 25	80 25

(BG4B 18-16)

BICYCLES

—BLUE GRASS—LADIES

Beautifully finished in new color combinations. Equipped with chain, sprocket and wheel guard as illustrated.



(BG5R-20)

Description.

Frame—1 inch seamless, steel tubing.
Sprocket—Front 22 tooth, rear 9 tooth.
Coaster Brake—New Departure.
Wheel Rims—Lobdell armoured rims, 28 inch; 36 spokes in both wheels.
Chain—Diamond roller.
Mud Guards—Heavy drop sides.

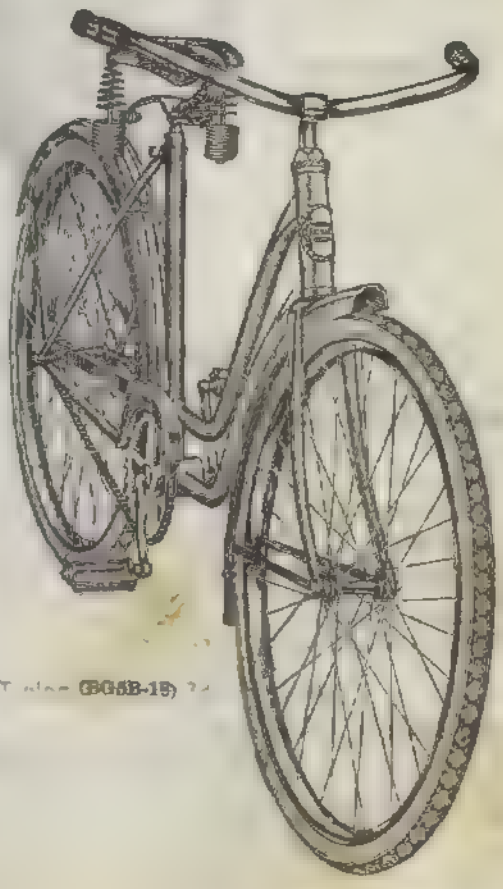
With Blue Grass No. BG23 Trade Mark Tread Single Tube Tires.

	Each
No. BG5R-20—Finished in oxblood enamel, striped in black and white	$85 50
No. BG5B-20—Finished in blue enamel, striped in black and white	85 50

One in crate; average weight 50 lbs

—BLUE GRASS— MISSES AND GIRL'S

Attractively finished in new colors. Equipped with chain, sprocket and wheel guard as illustrated.



(BG5B-18)

Description.

Frame—1 inch seamless, steel tubing.
Sprocket—Front 22 tooth, rear 9 tooth. **Coaster Brake**—New Departure.
Wheel Rims—Lobdell armoured rims; 36 spokes in both wheels.
Chain—Diamond roller. **Mud Guards**—Heavy drop sides.

With Blue Grass Trade Mark Tread Single Tube Tires.

Nos.	BG5B-18	BG5B-17
Kind	Misses	Girl's
Blue enamel, striped in red and white. Number of tires	BG21	BG20
Size wheel, ins	26	24
Size frame, ins	18	17
Each	$84 75	84 75

Nos.	BG5R-18	BG5R-17
Kind	Misses	Girl's
Oxblood enamel, striped in black and white. Number of tires	BG21	BG20
Size wheel, ins	26	24
Size frame, ins	18	17
Each	$84 75	84 75

Misses With Blue Grass No. BG018 Trade Mark Tread G&J Style Clincher Tires.

Nos.	BG-05R-18	BG-05B-18
FINISH, enamel	Oxblood	Blue
Size frame, ins	18	18
Size wheel, ins	26	26
Each	$90 00	90 00

One in crate average weight 45 lbs

D 9

(F8MBR 20-18)

BICYCLES

—FLIGHT—MEN'S MOTORBIKE

A sturdily constructed Bicycle that appeals to all who see it. Beautifully finished in brilliant red enamel and striped in black and white.

Description.

Frame—1 inch steel tubing.
Sprocket—Front 26 tooth, rear 10 tooth.
Coaster Brake—New Departure.
Wheel Rims—Steel rims enameled to match. 28 inch; 36 spokes in both wheels.
Chain—Diamond roller.
Mud Guards—Heavy drop sides.

With No. 28F Flight Single Tube Tires.

	Each
No. F8MBR-$^{20}/_{18}$—Size frame $^{20}/_{18}$	$72 00

One in crate; average weight 65 lbs.

Flight Motorbike Bicycles are built exceptionally strong and are equipped with, rubber grips, rubber pedals, comfortable saddle and braced Motorbike type handle bars.

—FLIGHT—JUVENILE MOTORBIKE

Finished in a new brilliant red enamel, striped in black and white. The new design Motorbike type saddle and handle bars readily appeal to all boys.

Description.

Frame—1 inch steel tubing.
Sprocket—Front 26 tooth, rear 10 tooth.
Coaster Brake—New Departure.
Wheel Rims—Steel rims enameled to match. 26 inch; 36 spokes in both wheels.
Chain—Diamond roller.
Mud Guards—Heavy drop sides.

With No. 26F Flight Single Tube Tires.

	Each
No. F8MBR-$^{18}/_{16}$—Size frame $^{18}/_{16}$	$67 50

One in crate; average weight 55 lbs.

BICYCLES

—FLIGHT—MEN'S AND BOY'S CAMEL BACK

Beautifully finished in a new brilliant red, striped in black and white. The drop bar gives a 2-inch smaller seat adjustment.

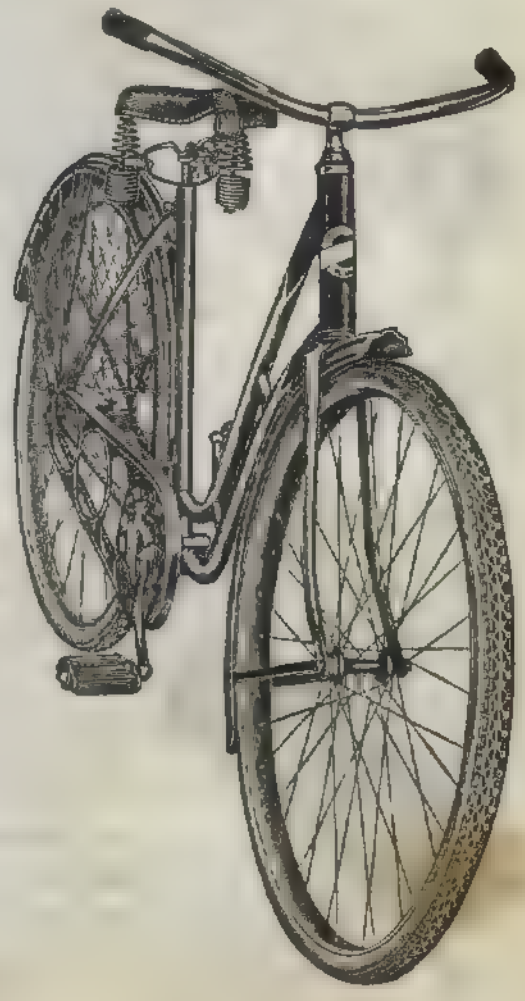
Description.

Frame—1 inch steel tubing.
Sprocket—Front 26 tooth, rear 10 tooth.
Coaster Brake—New Departure.
Wheel Rims—Steel rims, enameled to match. 36 spokes in both wheels.
Chain—Diamond roller.
Mud Guards—Heavy drop sides.

With Flight Single Tube Tires.

Nos.	F7BR15/16	F7BR17/8	F7BR20/16
Number of tires	20F	26F	28F
Size frame, in	15/16	17/8	20/16
Size wheel, ins	20	26	28
Weight each, lbs	44	55	60
Each	$63 00	64 50	66 00

One in crate.



—FLIGHT—LADIES, MISSES AND GIRL'S MODELS

New and attractively finished in red, striped in black and white. Equipped with chain, sprocket and wheel guard as illustrated.

Description.

Frame—1 inch steel tubing.
Sprocket—Front 22 tooth; rear 9 tooth.
Coaster Brake—New Departure.
Wheel Rims—Steel rims, enameled to match. 36 spokes in both wheels.
Chain—Diamond roller.
Mud Guards—Heavy drop sides.

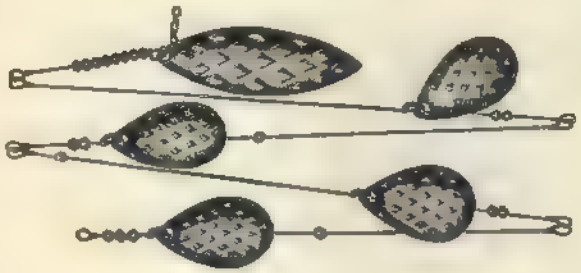
With Flight Single Tube Tires.

Nos.	F6GR-17	F6GR-18	F6GR-19
Style	Girl's	Misses	Ladies
Number of tires	24F	26F	28F
Size frame, ins	17	18	19
Size wheel, ins	24	26	28
Weight each, lbs	41	52	59
Each	$63 00	66 00	69 00

One in crate

TROLLING RIGS

JACK LLOYD



Nickel Finish.

The Jack Lloyd No. 1-5 is a five-bladed nickel spinner with diamond cut indentations covering each blade. These diamonds act as reflectors and attract fish of all sizes. This is especially good for lake fishing in either deep or shallow lakes.

Jack Lloyd. No. 1-5. Wt. ea. 1 oz. .....Each **$1 50**

One in an envelope.

POP GEER

No. 90.

Consists of four nickel blades in assorted sizes and shapes; 1 nickel flusher. Mounted on bright wire; length overall, 54 inches.

Pop Geer. No. 90. Wt. ea. 2 ozs. .....Each **$1 00**

One dozen in a box.

SALMON TROUT

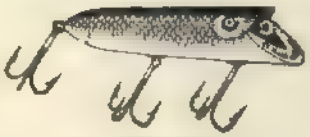
Consists of 1 nickel and 1 brass blade hung with red beads. Length overall, 8 inches

Pop Geer No. 4. Wt. ea. 1 oz. .....Each **$0 40**

One dozen in a box.

MINNOWS.

HEDDON



No. 8500 Series.

HEAD-ON BASSER.

This minnow darts and swims in an irregular way. Very erratic in action but equally positive in results. Will run from one to three feet below the surface when retrieved. Floats when at rest. Has made wonderful records for bass, pickerel and muskellonge. Equipped with three treble hooks, non-rotating hook fasteners, eyes, and full Heddon finish. Wt., ¾ oz.; length overall, 4¼ inches.

Supplied in the following colorations:

No. 8501. Rainbow.
No. 8502. White body, red head and tail.
No. 8509D. Green scale.
No. 8509H. Red scale.
No. 8509J. Frog scale
No. 8509L. Yellow perch scale.
No. 8509M. Pike scale.
No. 8509P. Shiner scale.
No. 8509R. Natural scale.
No. 8509V. Orange with black spots.
No. 8509X. Blue scale.

No. 8500 Series .....Each **$1 00**

All above, one in a box.

No. 8300 Series.

ZIG WAG.

This new lure has a unique duplex movement. A wide erratic sweeping action, cutting the water in those unexpected angles and zig zags that seem to hunt out the hiding places of the fish. The tail section keeps up its fish-like fanning movement in sinuous curves as alive as life itself. Length of body, 4¼ inches. Wt., ¾ oz. Supplied in the following standard colorations:

No. 8302. White body and red head.
No. 8309D. Green scale.
No. 8309M. Pike scale
No. 8309P. Shiner scale
No. 8309R. Natural scale.

No. 8300 Series .....Each **$1 25**

All above, one in a box.

MINNOWS.

HEDDON

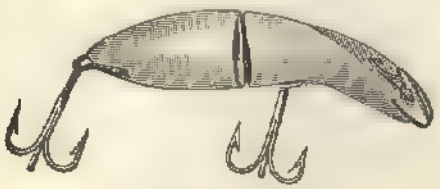
No. 5500 Series.

GAME FISHER.

Has a triple compound movement as natural as nature itself. When retrieved the sections move in graceful serpentines, covering a full third of a circle. It floats while at rest, draws well down in a deepening course as regulated by reeling speed. Casts accurately, is non fouling, cannot break or refuse to work. Heddon scientific hook presentation. Flexible body offers hooked fish minimum purchase to shake loose. Length of body, 4¾ inches. Wt. ¾ oz. Supplied in the following colors:

No. 5501. Rainbow.
No. 5502. White, red head and tail.
No. 5509D. Green scale.
No. 5509M. Pike scale
No. 5509P. Shiner scale.
No 5509R. Natural scale.
No. 5509V. Orange with black spots and red head
No. 5509X. Blue scale.

No. 5500 Series .....Each **$1 25**



No. 5400 Series.

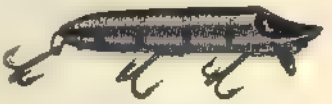
BABY GAME FISHER.

The Baby Game Fisher is made on the principle of the Heddon Game Fisher which has met with such wonderful success. It is composed of two sections instead of three as in the original lure and joined in the same manner. also distinguished by its life-like action. The Baby Game Fisher is 4 inches long, weighs 1/2 ounce, has two treble hooks, one at the tail and one on the forward section This is the No. 5400 series and is regularly supplied in the following colors:

No. 5401. Rainbow.
No. 5402. White, red head and tail.
No. 5409D. Green scale.
No. 5409M. Pike scale.
No. 5409P. Shiner scale
No. 5409R. Natural scale.
No. 5409V. Orange with black spots.
No. 5409X. Blue scale

No. 5400 Series ....Each **$1 25**

All above, one in a box.



No. 7500 Series.

THE VAMP.

The "Vampire" is one of Heddon's best baits and is considered one of the most deadly lures yet produced. Flat-nosed to resemble a baby pike and beautifully enameled in natural fish colorings it is a lure that few fish can resist. It floats well at rest and in action has a diving, wiggling and darting motion like that of a live fish. Equipped with three gangs extra sharp hooks it is a sure "Getter." Those who have used it in hundreds of tests are enthusiastic over the results. It weighs ⅝ ounce, measures 4½ inches, and is furnished in the following colors:

No. 7500S. White body, red and green spots.
No. 7501. Rainbow.
No. 7509D. Green scale.
No. 7509M. Pike scale
No. 7509P. Shiner scale.
No. 7509V. Orange with black spots.
No. 7509X. Blue scale.

No. 7500 Series .....Each **$1 00**

No. 7300 Series.

JOINTED VAMP.

To the already popular Vamp bait, the jointed feature has been added, which gives the bait an entirely new movement, and provides additional luring. Dives and swims. Floats when at rest. Length 4½ inches. Wt. 3/4 oz.

Supplied in the following standard colors:

No. 7302. White body, red head.
No. 7309D. Green scale
No. 7309L. Perch scale.
No. 7309M. Pike scale.
No. 7309P. Shiner scale.
No. 7309R. Natural scale.
No. 7309Z. Rainbow scale

No. 7300 Series .....Each **$1 25**

All above, one in a box.

MINNOWS.

HEDDON

No. 7400 Series.

THE BABY VAMP.

Experiments and tests, under all conditions, show this little lure to be just as effective as the regular size, the well known Vamp Minnow, the 7500 series. The Baby Vamp is made smaller and lighter for the light rods. Has the same active swimming movement resembling that of a pike minnow, darting, zigzagging to a depth of about 18 inches when retrieved. Equipped with two sets of treble hooks. Wt., ½ oz. Length, 3½ inches. Carried in the following colors:

No. 7400S. White body, red and green spots.
No. 7401. Rainbow.
No. 7409D. Green scale.
No. 7409M. Pike scale.
No. 7409P. Shiner scale
No. 7409V. Orange with black spots.
No. 7409X. Blue scale.

No. 7400 Series .....Each $1 00

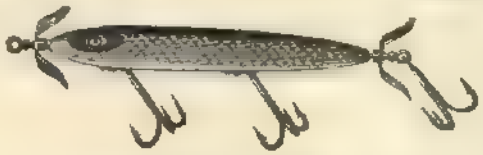
No. 100 Series.

SINKING MINNOW.

Sinking Minnow, two spinners, No. 100 Series has three treble hooks, weighs ⅝ oz.; length of body, 2¾ inches Furnished in the following variety of beautifully blended colors:

No. 101. Rainbow.
No. 104. Red body with dark blended back.
No. 109A. Yellow perch.
No. 109B. Frog colors.
No. 109D. Scale finish, natural green.
No. 109L. Scale finish, yellow perch.
No. 109P. Shiner scale.

No. 100 Series ..... Each $1 00



No. 130 Series.

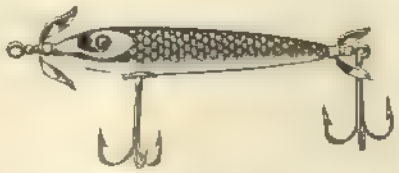
TORPEDO.

A sinking minnow—a favorite because of the ease with which it may be shot to the mark, straight as an arrow. Length, 4½ inches overall. Wt., ¾ oz. Carried in the following colors:

No. 139D. Green scale.
No. 139M. Pike scale.
No. 139P. Shiner scale.
No. 139V. Orange with black spots and red head

No. 130 Series .....Each $1 00

All above, one in a box.



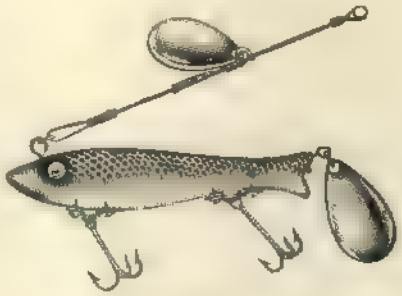
No. 120 Series.

TORPEDO.

Has only one treble hook on the body, otherwise same pattern as 130 series. Length, 3 inches overall. Wt. each, ½ oz. Carried in the following colors:

No. 129D. Green scale.
No. 129M. Pike scale.
No. 129P. Shiner scale.
No. 129V. Orange with black spots and red head.
No. 129X. Blue scale.

No. 120 Series .....Each $1 00



No. 9100 Series.

"SUPER-DOWAGIAC" SPOOK

A ghostly go-getter for all game fish. A transparent, lifelike lure of new construction. Made of Heddylin (like pyralin). Whirling spoon at front and rear. Sinks of its own weight and can be sent deep with slow retrieving. Is indestructible in construction, and finish has become an integral part of the bait and will not come off, even when bait is used for fish with sharp teeth. Length, 3¾ inches, weight, 1 ounce.

Carried in the following colors:

9100S Transparent Body, Red and Green Spots
9101 Transparent Body, Rainbow.
9102 White Head and Tail. Red Decorations
9108RH Transparent Body, Gold Specks. Red Head
9109L Transparent Body, Perch Scale
9109P Transparent Body, Shiner Scale

No. 9100 Series .....Each $1 50

All above, one in a box

MINNOWS

HEDDON

No. 4000 Series.

MEADOW MOUSE

A "true-to-nature" bait, even to bead-eyes, and flexible ears and tail. Floats, and swims with lively, teasing motion. Three natural colors: Brown, the true field mouse; grey with white belly and white with red decoration. A sure hooker under all conditions. One wide spreading double hook on body, and single hook concealed in tail. Length, 2¾ inches. Wt. ⅜ oz. Supplied in the following colors:

No. 4000BM. Brown Mouse.

No. 4000GM. Grey mouse.

No. 4000WM. White and red.

No 4000 Series .....Each **$1 00**

No. 3500 Series.

LUNY FROG

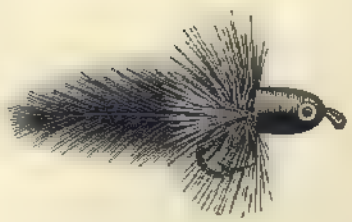
This is the first imitation frog bait having all the elements which have made wooden baits popular. When at rest in the water, it stands in exactly the same position as a live frog. When retrieved, it dives and has a good swimming movement. Is an excellent casting lure. It is made of Pyralin, practically indestructible, with hooks firmly imbedded and each placed in the best position to strike the fish. Length of body, 4½ inches. Wt. ⅞ oz. Regularly equipped with 4/0 single hook at tail and large extra strong double hook on belly. Made only in the following finishes:

No. 3509B. Green Frog.

No. 3509BB. Meadow frog.

No. 3500 Series .....Each **$1 25**

WILDER DILG TROUT LURE



Nos. 30 to 35.

This Wilder Dilg is a fly rod lure. The cork and feather combination closely imitates the action of a wounded minnow causing the bass to strike viciously. Length, overall, 2 inches; No. 6 O'Shaughnessy hook. Wt. each, ¼ oz Carried in the following patterns:

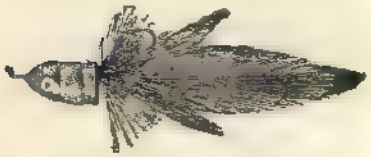
No. 30. Irvin Cobb; Red Body with Red feather and orange Hackle.
No. 31. Brann's Glory; white body with gray feather and hackle.
No. 32. Wilder's fancy; black body with orange feather and brown hackle.
No. 33. Zane Gray; brown body, brown feather and hackle.
No. 34. Dilg's Own; white body with white feather and red Hackle.
No. 35. Bob Davis; Yellow body with yellow feather, and green Hackle.

No. 30 Series .....Each **$ 50**

All above, one in a box.

MINNOWS

HEDDON



Nos. 1 to 12 Series

WILDER DILG BASS LURE

These cork and feather body combinations closely imitate the action of a wounded minnow, causing bass to strike viciously. These wonderfully effective lures, successfully brought to perfection by B. F. Wilder of New York and Will H. Dilg, have been christened, after twelve of the country's foremost anglers, men who stand for the highest ideals in the Camp of Walton. Made from a light enameled cork head, brilliant eyes, a ruff of various colored hackle and fin-and-body-feathers that impart the curious rolling, dipping and depth-seeking throes of a wounded minnow, with a single non-twisting hook.

Length 3¼ inches; No. 1 O'Shaughnessy hook used. Carried in the following patterns:

No. 1. Capt. Samson; green body, red and white feathers.

No. 2. Mannfeld's Coaxer; red body and red feather

No. 3. Venable's Charmer; green and yellow body, yellow and red feather.

No. 4. Kemper's Charge; green body; brown and red feather.

No. 5. Irwin Cobb; brown body, orange and white feather.

No. 6 Wilder's Fancy; black body, yellow and black feather.

No. 7. Peet's Choice; white body, white and red feather.

No. 8. Zane Grey; brown body, brown feather.

No. 9. Gifford Pinchot; red body, white and green feather.

No. 10. Brann's Glory; gray body, yellow and red feather.

No. 11. Dilg's Own; green and white body, white, green and yellow feather

No. 12. Bob Davis; yellow body, yellow feather.

Nos. 1 to 12. Wt. ea ¼ oz...Each $0 75

One in a box.

SOUTH BEND

BASS-ORENO

The Bass-Oreno is a wobbler type of bait, used for casting or trolling. Has a wonderful erratic action, irresistible to game fish. In motion it dives, dashes, darts and wiggles much like an injured fish. Not in motion it floats. This bait while primarily designed for all species of fresh water fish, has also proven effective for salt water species. Body is 3½ inches long; equipped with three treble hooks.

List of Colors:

No. 973RHA. Red head and aluminum color body.

No. 973RH. Red head and white body.

No. 973YP. Yellow perch, scale finish.

No. 973F. Imitation frog color.

No. 973 Rain. Rainbow color.

No. 973R. Solid red color, with black nose.

No. 973C. Copper finish with black stripe and black blending around eyes.

No. 973SF. Scale finish, green.

No. 973Y. Yellow body with red and green decorations.

No. 973W. White body with red and green decorations.

No. 973RSF. Scale finish with red blend.

No. 973PL. Pearl Enamel finish.

Bass-Oreno. Wt. ea. 2 ozs...Each $1 00

One in a box.

SOUTH BEND

BABY TEAS—ORENO

Body length, 3¼ inches overall Wt., approximately ½ ounce. Equipped with two extra strong treble hooks highly nickel-plated. Silvery-chromium finished head plate will stay bright indefinitely.

List of Colors:

No. 939RH. Red head and white body.

No. 939RAIN. Rainbow color.

No. 939F. Imitation frog.

No. 939SF. Scale finish, green.

No. 939YP. Yellow perch.

No. 939MS. Minnow scale finish, silver, black and red.

No. 939PL. Pearl Enamel finish.

Baby Teas—Oreno. Wt. ea. 1⅔ ozs .....Each $1 15

One in a box.

TROUT-ORENO

This bait has the same active, diving, wobbling action of the Bass-Oreno, only is smaller size. Wonderfully effective trout killer. Hung with one double hook. Length of body, 1¾ inches.

List of Colors:

No. 971RHA. Red head and aluminum color body.

No. 971RH. Red head and white body.

No. 971YP. Yellow perch, scale finish.

No. 971F. Imitation frog color.

No. 971 Rain. Rainbow color.

No. 971R. Solid red color with black nose.

No. 971C. Copper finish, black stripe and black blending around eyes.

No. 971SF. Scale finish, green.

No. 971Y. Yellow body with red and green decorations.

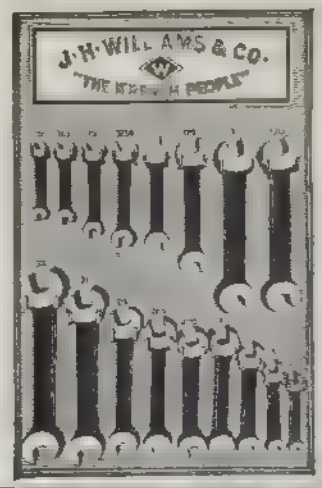
No. 971W. White body with red and green decorations.

No. 971RSF. Scale finish with red blend.

No. 971PL. Pearl Enamel finish.

Trout-Oreno. Wt. each, approx., ¼ oz. .....Each $0 65

One dozen on a card.



WRENCH ASSORTMENTS

WILLIAMS STYLE

Semi-Finished.

The wrenches composing this assortment are the most commonly required for garage purposes; opening milled for U. S. and S. A. E. nut and hex. cap screws; assortment is arranged on an attractive display board.

Consists of the following wrenches.

6 Each Size No.	U. S. Std. Nuts	Hex. Head Cap Screws	S. A. E. Std. Nuts; Cap Screws	Openings Milled	Extreme Length	Thickness Heads
Cap Screw Wrenches—15° Angle.						
721	1/8	1/8 & 5/32		5/16 & 3/8	4	1/4
723		3/16 & 1/4		3/8 & 7/16	4 1/4	9/32
725	1/4	1/4 & 5/16	1/4 & 5/16	7/16 & 1/2	5	1/3
725B	1/4	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16	5 1/2	11/32
727		3/8 & 7/16	7/16 & 1/2	5/16 & 5/8	6	11/32
729		7/16 & 1/2	7/16 & 1/2	5/8 & 3/4	7	3/8
731		1/2 & 9/16	1/2	3/4 & 7/8	8 3/4	13/32
731A	1/2	1/2 & 9/16	1/2 & 9/16	3/4 & 7/8	8 3/4	13/32
Engineers' Wrenches—15° Angle.						
11	1/8 & 5/32	5/32		5/32 & 7/32	4	1/4
23	5/16 & 1/4	5/16	5/16	15/32 & 1/2	4 5/8	5/16
25	1/4 & 5/16	5/16	5/16	1/2 & 19/32	5 1/2	7/32
27	5/16 & 3/8			19/32 & 13/16	6 1/2	9/32
27C	3/8	3/8	3/8	9/16 & 11/16	6 1/2	3/8
28S	7/16	7/16	7/16	5/8 & 23/32	7	3/8
29	3/8 & 7/16			11/16 & 25/32	7 1/2	13/32
31	7/16 & 1/2	3/8	9/16	25/32 & 7/8	8 3/4	15/32
33	1/2 & 9/16	3/8	9/16	7/8 & 31/32	9 1/2	1/2

Per Ass't

No. D –102 wrenches of 17 sizes as described; wt per ass't 49 lbs. **$85 50**

WRENCHES

WILLIAMS TAPPET

Carbon steel; polished heads; black handles. The heads are very thin with narrow, tapered jaws to permit operating nuts, etc. where the clearance about them is extremely limited.

Nos.	Openings Milled ins	For S.A.E. Std. Nuts and Cap Screws Diam Screws ins	Extreme Length ins	Thickness Head ins	Wt Per Doz Lbs	Per Doz
900	1/8 x 5/16	5/16 x 3/8	7	3/16	2 1/4	$13 50
92F	5/8 x 11/16	7/16	8	7/32	3 1/2	16 50
94	3/4 x 7/8	1/2 x 9/16	8	1/4	5	18 00
96	15/16 x 1	5/8 x 11/16	9 1/4	9/32	6 1/2	22 50

Half doz in cardboard box.

WRENCHES

GENERAL PURPOSE

Drop forged steel, black finish.

Nos.	Per Doz	Fits Manufacturers Standard Nuts, Size Bolts, in	Milled opening, ins	Extreme Lgth. in	Thickness Heads, ins	Wt Doz Lbs
601	$2 85	5/16 & 1/4	3/8 & 1/2	6 1/4	1/4	2 3/4
602	3 60	1/4 & 5/16	1/2 & 5/8	7 1/8	1/4	4
603	4 50	5/16 & 3/8	5/8 & 3/4	8 1/4	5/16	5 3/4
604	5 70	3/8 & 7/16	3/4 & 7/8	9 1/4	5/16	9
605	7 50	7/16 & 1/2	7/8 & 1	10 3/8	7/16	13 1/4

Nos. 100G to 102G one doz. Nos. 103G and 104G half doz in box.

AGRICULTURAL "S"

Drop forged steel, black finish. A special wrench for the two most important size nuts on farm implements.

Per Doz

No. 631 For 3/8 and 1/2 in U. S. Standard nuts; milled openings 3/4 and 7/8 ins; thickness head 1/16 in; length over all 9 ins. **$5 55**

Half doz in cardboard box; wt per doz 10 lbs.

GENERAL PURPOSE, IN SETS

Set consists of five wrenches, one each Nos. 601, 602, 603, 604 and 605.

Per Set

No. 999 ..... **$1 95**

One set in cardboard box; wt per set 3 lbs

AUTOMOBILE AND GENERAL PURPOSE

Drop forged steel, black finish. A handy tool for automobilists, or for use in erecting or dismounting plows, carriages, wagons, etc., and for general service.

Nos.	606	607	608
Milled openings, in	3/8 x 7/32	7/16 x 1/2	7/16 x 5/8
Fits Mfgrs. Stan Nuts, size bolts, in	1/4 x	x 1/4	x 5/16
Fits U. S. Stan Nuts, size bolts, in	x 5/16	x 1/4	
Fits hex. head cap screws, in	1/4 x	1/4 x 5/16	3/8 x 7/16
Fits A. L. A. M. Stan Nuts, size bolts, in	5/16 x	x 5/16	3/8 x
Fits S. A. E. Stan Nuts, size bolts, in		1/4 x 5/16	3/8 x 7/16
Extreme length, ins	6 1/4	7 1/8	8 1/4
Thickness heads, in	7/32	1/4	5/16
Wt doz, lbs	2 3/4	4	5 3/4
Per Doz	$2 85	3 60	4 50

Nos.	609	610
Milled openings, in	1/2 x 3/4	7/8 x 1
Fits Mfgrs Stan Nuts, size bolts, in	x 3/8	x 1/2
Fits U. S. Standard Nuts, size bolts, in	3/8 x	1/2 x
Fits hex. head cap screws, in	x 1/2	5/8 x 3/4
Fits A. L. A. M. Stan Nuts, size bolts, in	7/16 x 1/2	9/16 x 11/16
Fits S. A. E. Stan Nuts, size bolts, in	x 1/2	9/16 x 11/16
Extreme length, ins	9 1/4	10 3/8
Thickness heads, in	3/8	7/16
Wt doz, lbs	9	13 1/4
Per Doz	$5 70	7 50

Half doz in cardboard box.

D 1

WRENCH ASSORTMENTS
WILLIAMS, STYLE C

Semi-Finish.

For farm, machine and automotive purposes; openings milled for U. S. and S. A. E. nuts and cap screws.

Consists of the following wrenches:

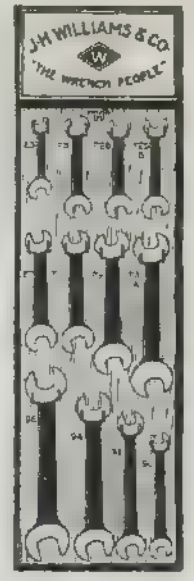
3 No.	Milled Openings	For S. A. E. Nuts	For U. S. Std. Nuts	For Cap Screws	Lgth.
Light Service or General Purpose, 22½ Degree Angle.					
75A	⅜ & ½	¼	5/16 & 3/8	5/16	6¼
79C	⅝ & ¾	------	7/16 & ½	7/16 & ½	8¼
83B	⅞ & 1	½	⅝ & ¾	9/16 & 11/16	10 & ⅜
Engineers' 15 Degree Angle.					
21	5/16 & 13/32	7/32 & 1/4	1/8	...	3½
23	13/32 & 7/16	9/32 & 5/16	5/16	5/16	4
25	7/16 & 19/32	11/32 & 3/8	11/32	3/8	4⅞
27	19/32 & 11/16	3/8 & 7/16	------	------	5⅞
29	11/16 & 25/32	7/16 & ½	...	...	6⅞
31	25/32 & ⅞	9/16 & 5/8	5/8	9/16	7⅞
34	⅞ & 1 1/16	11/16 & 3/4	3/4	5/8 & 3/4	9⅞

Per Ass't

No. C —30 wrenches of 10 sizes as described..... **$31 20**

One ass't on an attractive display board; wt per ass't 20 lbs

WRENCH ASSORTMENTS
WILLIAMS, STYLE H



Semi-Finish.

Polished head, lacquered handles. Generally required for farm, machine and automotive purposes, conveniently mounted on golden oak display board, lettering in black outlined in gold.

Board consists of 36 wrenches, 3 each of the following numbers:

Carbon Steel. Engineers' wrenches 15° angle.

Nos.	Openings Milled Ins	For U S Std Nuts; Size Bolt Ins	For Hex Head Cap Screws; Diam Screws Ins	For S A E Std Nuts and Cap Screws; Size Bolt Ins
23	11/32X1/2	1/4 X1/4	5/16	...
25	1/2X19/32	5/16X5/16	3/8	...
725	7/16X1/2	1/4	1/4X5/16	1/4X5/16
725B	1/2X7/16	1/4	5/16	
27	19/32X31/32	5/16X3/8	...	...
727	9/16X5/8	...	3/8X7/16	3/8X7/16
29	11/16X25/32	3/8X7/16	...	...
731A	3/4X7/8	1/2	1/2X5/8	1/2X9/16

Carbon Steel. Tappet Wrenches.

Nos.	Openings Milled Ins	For S A E Std Nuts and Cap Screws; D'am Screws Ins	Extreme Length Ins	Thickness Head Ins
90D	7/16X1½	¼X5/16	6	11/64X11/64
92F	9/16X5/8	5/16X1/2	7	5/16X13/64
94	¾X7/8	1/2X9/16	8	7/32X1/4
96	15/16X1	5/8X1 1/16	9	1/2X19/64

Per Ass't

No. H—36 wrenches; 12 sizes as described..... **$42 00**

One ass't in carton; wt per ass't 13½ lbs.

Williams Wrench Assortments provide efficient service in the minimum number of Tools They fully represent a convenience to the trade as well as a satisfactory sale to the Merchant There are no come-backs because every Wilhams is a perfect Wrench. Your Customers know what service, convenience and value means, and that's why Williams Wrench Assortments are easy to sell. A Mechanic can not prosper unless the best Tools are used—Williams Wrenches are the best, and everybody knows it.

WRENCHES

ENGINEERS, J. H. WILLIAMS

15 Degree Angle, Double Head. Drop Forged From Bar Steel.

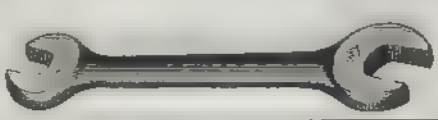
Unfinished, Unhardened		Semi-Finished, Case Hardened Polished Head		For U. S. Stand Nuts, Size Bolts Ins	S. A. E. Stand. Nuts and cap Screws	For Hex Head cap Screws Diam ins	Milled Openings, ins	Extreme Lgth ins	Thickness Head ins	Wt Doz Lbs
Nos.	Per Doz	Nos.	Per Doz							
21U	$ 4 60	21SF	$ 5 55	1/8 & 5/16		1/8	5/16 & 11/16	3 1/2	11/64 & 7/32	7/8
22U	5 70	22SF	6 90	1/8 & 1/4	5/16	1/8 & 5/16	5/16 & 1/2	4	15/64 & 1/4	1 1/4
23U	5 70	23SF	6 90	5/16 & 1/4	5/16	5/16	13/32 & 1/2	4	7/32 & 1/4	1 5/8
24U	6 60	24SF	8 25	5/16 & 5/16			15/32 & 19/32	4 7/8	7/32 & 9/32	2
25U	6 60	25SF	8 25	1/4 & 5/16	5/16	5/16	1/2 & 19/32	4 7/8	1/4 & 9/32	2 1/2
26U	8 25	26SF	10 20	1/4 & 3/8	5/16	5/16	1/2 & 5/8	5 1/2	1/4 & 5/16	3 1/2
27U	8 25	27SF	10 20	5/16 & 3/8			19/32 & 11/16	5 7/8	9/32 & 5/16	3 7/8
28U	9 90	28SF	12 30	5/16 & 7/16			19/32 & 25/32	6 7/8	9/32 & 1/32	5 1/16
29U	9 90	29SF	12 30	5/8 & 7/16			11/16 & 25/32	6 1/8	5/16 & 1/32	5 1/8
30U	12 00	30SF	14 70	3/8 & 1/2	9/16	5/8	11/16 & 7/8	7 7/8	5/16 & 13/32	7
31U	12 00	31SF	14 70	7/16 & 1/2	9/16	5/8	25/32 & 7/8	7 7/8	11/32 & 13/32	8 3/8
32U	14 40	32SF	18 00	7/16 & 9/16			15/32 & 21/32	8 3/4	11/32 & 7/16	9
33U	14 40	33SF	18 00	1/2 & 9/16	9/16	5/8	7/8 & 21/32	8 3/4	13/32 & 7/16	10
		33CSF	18 00		5/8 & 11/16	3/4	15/16 & 1	8 3/4		10
34U	18 00	34SF	22 20	1/2 & 5/8	9/16 & 3/4	5/8	7/8 & 1 1/32	9 3/4	13/32 & 1/2	14
35U	18 00	35SF	22 20	9/16 & 5/8	3/4		31/32 & 1 1/16	9 3/4	7/16 & 1/2	14 7/8
36U	25 50	36SF	31 50	9/16 & 3/4	7/8	1	31/32 & 1 1/4	11 5/8	7/16 & 9/16	20
37U	25 50	37SF	31 50	5/8 & 3/4	3/4 & 7/8	1	1 1/16 & 1 1/4	11 5/8	1/2 & 9/16	24
38U	37 50	38SF	45 75	5/8 & 7/8	3/4 & 1		1 1/16 & 1 7/16	13 1/2	1/2 & 21/32	30
39U	37 50	39SF	43 50	3/4 & 7/8	7/8 & 1	1	1 1/4 & 1 7/16	13 1/2	9/16 & 21/32	35 3/4
40U	51 00	40SF	63 00	3/4 & 1	7/8 & 1 1/8	1 & 1 3/8	1 1/4 & 1 5/8	15 1/2	9/16 & 3/4	40 1/2
41U	51 00	41SF	63 00	7/8 & 1	1 & 1 1/8	1 3/8	1 7/16 & 1 5/8	15 1/2	21/32 & 3/4	53 7/8

Nos. 21F to 37F half doz in box; balance loose.

VOLUME, J. H. WILLIAMS

15 Degree Angle, Double Head. Semi-Finish.

Drop forged from carbon steel, hardened, black enamel semi-finish with bright finish heads. Milled openings Sizes stamped on heads.



Nos.	Per Doz	For U. S. Stand. Nuts; Size Bolts, ins	For Hex. Head Cap Screws Diam Screws, Ins	For S. A. E. Stand. Nuts and Cap Screws; Size Bolt, ins	Openings Milled ins	Thickness Head, ins	Extreme Length, ins	Wt Per Doz lbs
V721	$ 4 80	1/8	1/8 & 3/16		5/16 & 3/8	7/32	4	1 1/8
V21	4 80	1/8 & 3/16	1/8		5/16 & 15/32	7/32	4	1 1/8
V723	4 80		5/16 & 1/4	1/4	3/8 & 7/16	15/64	4 1/4	1 1/4
V23	5 10	5/16 & 1/4	5/16	5/16	13/32 & 1/2	1/4	4 1/2	1 5/8
V725	5 40	1/4	1/4 & 5/16	1/4 & 5/16	7/16 & 1/2	11/64	4 7/8	2 3/8
V725B	5 40	1/4	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16	9/32	5 1/4	2 3/4
V25	5 40	1/4 & 5/16	5/16	5/16	1/2 & 19/32	9/32	5 1/4	2 3/4
V727	6 30		3/8 & 7/16	3/8 & 7/16	9/16 & 5/8	13/64	5 3/4	3 1/8
V27	6 30	5/16 & 3/8			19/32 & 13/16	21/64	6 1/4	3 7/8
V729	7 50		7/16 & 1/2	7/16 & 1/2	5/8 & 3/4	23/64	6 3/4	5 1/8
V29	7 50	3/8 & 7/16			11/16 & 25/32	25/64	7 1/4	5 5/8
V30	8 70	3/8 & 1/2	5/8	9/16	1 1/16 & 7/8	15/64	7 3/4	6 3/4
V731A	9 75	1/2	1/2 & 5/8	1/2 & 9/16	3/4 & 1/8	27/64	8 1/4	8 1/4
V31	9 75	7/16 & 1/2	5/8	9/16	25/32 & 7/8	27/64	8 1/4	8 1/4
V33	11 70	1/2 & 9/16	5/8	9/16	7/8 & 31/32	29/64	9 1/4	11 3/4
V34	17 25	1/2 & 5/8	5/8	9/16 & 3/4	7/8 & 1 1/16	1/2	10 1/4	13 1/8

Half doz in cardboard box.

WRENCHES

CAP SCREW AND S. A. E. NUTS, J. H. WILLIAMS

15 Degree Angle, Double Head. Drop forged from bar steel.

Semi-Finished, Case Hardened.

Nos.	Per Doz	U. S. Stand Nuts, Size Bolt, ins	Hex Head Cap Cap Screws, Size Screw, ins	S. A. E. Stand. Nuts & Cap Screws, Size Bolt, ins	Milled Opening, ins	Extreme Length, ins	Wt Per Doz, Lbs
721-SF	$ 5 70	1/8	1/4 & 5/16		5/16 & 3/8	3 1/2	5/8
723-SF	5 85		5/16 & 1/4	1/4	3/8 & 7/16	4	1 1/4
725-SF	8 25	1/4	1/4 & 5/16	1/4 & 5/16	7/16 & 1/2	4 7/8	2
725A-SF	8 25		1/4 & 3/8	1/4 & 3/8	1/2 & 9/16	4 7/8	2 1/2
725B-SF	8 25	1/4	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16	4 3/8	3
727-SF	10 20		3/8 & 7/16	3/8 & 7/16	9/16 & 5/8	5 7/8	4
728-SF	12 30		3/8 & 1/2	3/8 & 1/2	9/16 & 3/4	6 1/8	4 1/2
729-SF	12 00		7/16 & 1/2	7/16 & 1/2	5/8 & 3/4	6 7/8	5
730-SF	14 55		7/16 & 9/16	7/16	5/8 & 13/16	7 1/8	7
731-SF	14 55		1/2 & 9/16	1/2	3/4 & 13/16	7 1/8	8
731A-SF	15 00	1/2	1/2 & 5/8	1/2 & 9/16	3/4 & 7/8	7 7/8	9 1/4
733-SF	18 00	1/2	5/8 & 3/4	9/16 & 11/16	7/8 & 1	8 3/4	10
737-SF	31 50	3/4	7/8 & 1	7/8	1 1/8 & 1 1/4	11 5/8	21

Half doz in cardboard box.

ENGINEERS, J. H. WILLIAMS

15 Degree Angle, Single Head. Drop Forged From Bar Steel.

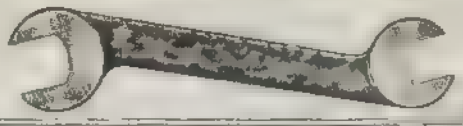
Semi-Finished.

Nos.	Per Doz	For U. S. Stand. Nuts Size Bolts, ins	For Hex Head Cap Screws, Diam Screws, Ins	For S. A. E. Stand. Nut and Cap Screw, Size Bolt, ins	Milled Openings ins	Extreme Length, ins	Thickness Head, ins	Wt Doz Lbs
0SF	$ 4 95	3/16			11/32	3 1/2	3/16	3/4
1SF	5 85	1/4	5/16	5/16	1/2	4	1/4	1
2SF	7 95	5/16			19/32	4 3/4	9/32	2
3SF	9 30	3/8			11/16	5 1/8	5/16	3
4SF	10 35	7/16			25/32	6 1/2	11/32	5 1/4
5SF	12 45	1/2	3/8	9/16	7/8	7 1/2	25/64	6 3/4
6SF	15 00	9/16			31/32	8 5/8	7/16	8 1/4
7SF	18 45	5/8		3/4	1 1/16	9 1/4	1/2	13 3/8
8SF	25 50	3/4	1	7/8	1 1/4	11 1/8	9/16	18 3/4
9SF	37 50	7/8		1	1 7/16	13	41/64	24 3/4
10SF	52 35	1	1 3/4	1 1/8	1 5/8	14 3/4	3/4	45
11SF	68 26	1 1/8		1 1/4	1 13/16	16 1/2	27/32	51
12SF	95 25	1 1/4		1 3/8	2	18 1/2	29/32	60 1/4

Half doz in box.

WRENCHES

TEXTILE MACHINE, J. H. WILLIAMS



22½ Degree Angle, Double Head.

Drop forged from bar steel semi-finished, tempered; milled openings, case hardened all over, heads ground bright, 22½ degree angle fits United States standard nuts; either square or hexagon.

Nos.	Per Doz	U. S. Stand Nuts, Size Bolts, ins	For Hex Cap Screws Diam Screw, ins	For S. A. E. Stand. Nuts & Cap Screw Size, ins	Milled Opening, ins	Extreme Length ins	Thickness Head, ins	Wt Per Doz, Lbs
760B	$ 8 25	3/16 & 1/4	5/16	5/16	11/32 & 1/2	4 3/4	1/4	2 1/4
760Y	8 25	1/4	1/4 & 5/16	1/4 & 5/16	1/2 & 1/2	4 3/4	1/4	3
761X	10 20	1/4	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16	5 3/4	5/16	3
761A	10 20	1/4 & 5/16	5/16	5/16	1/2 & 9/16	5 3/4	5/16	3
761Z	10 20	5/16 & 3/8	5/16 & 3/8	5/16 & 7/16	9/16 & 5/8	5 3/4	5/16	3
761C	10 20	5/16 & 3/8	5/16 & 3/8	5/16 & 7/16	19/32 & 11/16	5 3/4	5/16	3
762B	13 05	3/8 & 7/16	- -	- -	11/16 & 25/32	7	3/8	6
763Y	17 25	1/2	1/2 & 5/8	1/2 & 9/16	3/4 & 1/8	8 1/4	7/16	6 3/4
763A	17 25	7/16 & 1/2	5/8	9/16	25/32 & 3/8	8 1/4	7/16	7
763C	17 25	1/2 &	5/8	9/16	7/8 & 31/32	8 1/4	7/16	8
764B	23 55	9/16 & 5/8	- -	5/8	31/32 & 1 1/16	9 1/2	1/2	11
765A	31 50	3/4 & 3/4	1	3/4 & 7/8	1 1/16 & 1 1/4	11	9/16	20
765C	31 50	3/4 & 7/8	1	7/8 & 1	1 1/4 & 1 7/16	11	9/16	21

Half doz in cardboard box.

No. 777—Assortment. Consists of one each Nos. 760B, 761C, 763A, 764B and 765C ..... Per Ass't $7 65
One in carton.

LIGHT SERVICE, J. H. WILLIAMS

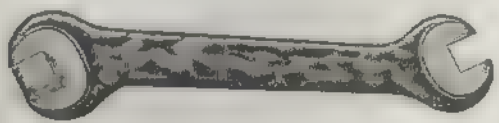
22½ Degree Angle, Double Head, Long and Light. Dropped forged from bar steel.

Semi-Finished, Case Hardened.

Nos.	Per Doz	U. S. Stand. Nuts, Size Bolt, ins	For Hex Cap Screw Diam Screws, ins	For S. A. E. Stand Nuts & Cap Screw Size, ins	Milled Opening, ins	Extreme Length ins	Thickness Head, ins	Wt Per Doz, Lbs
758-SF	$ 8 85	- - - -	1/4 & 5/16	1/4	3/8 & 7/16	6 1/4	1/4	4
75A-SF	9 30	- - -	5/16 & 3/8	5/16	3/8 & 1/2	6 1/4	1/4	4 1/2
77B-SF	11 25	1/4	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16	7 1/4	9/32	5
79-SF	14 25	3/8	7/16	7/16	5/8 & 11/16	8 1/4	5/16	6 1/2
79C-SF	14 10	-	7/16 & 1/2	7/16 & 1/2	5/8 & 3/4	8 1/4	5/16	6 3/4
818-SF	18 00	- - -	1/2 & 5/8	1/2	3/4 & 13/16	9 1/4	3/8	8 1/4
838-SF	22 50	1/2	5/8 & 3/4	9/16 & 11/16	7/8 & 1	10 3/8	7/16	10 1/2

Half doz in box.

SET SCREW, J. H. WILLIAMS



22 1-2 Degree Angle, Double Head.

Drop forged from bar steel, flat handle; for use around machinery; also by operators of lathes, planers, milling and binding machinery, etc.

Unfinished, Unhardened.

Nos.	Per Doz	For Milled Opening Set Screws, ins	Extreme Length, ins	Thickness Heads, ins	Wt Doz Lbs
523U	$ 5 70	5/16 & 1/4	3 1/2	7/32	1 1/16
525U	6 60	1/4 & 5/16	4 1/4	9/32	2
527U	7 80	5/16 & 3/8	5	11/32	3
529U	9 75	3/8 & 7/16	5 3/4	3/8	3 3/4
530U	12 00	3/8 & 1/2	6 5/8	7/16	3 3/4
531U	12 00	7/16 & 1/2	6 7/8	7/16	5 3/8
533U	16 50	7/16 & 5/8	7 1/2	1/2	8 3/8
534U	17 25	1/2 & 5/8	8 1/2	9/16	8 3/4
535U	17 25	9/16 & 5/8	8 1/2	9/16	10 3/8
537U	21 00	5/8 & 3/4	9 3/4	5/8	17 1/8

Finished, Case Hardened.

Nos.	Per Doz	For Set Screws, ins	Extreme Length, ins	Thickness Heads, ins	Wt Doz, Lbs
523F	$ 6 90	5/16 & 1/4	3 1/2	7/32	1 1/16
525F	8 25	1/4 & 5/16	4 1/4	9/32	2
527F	9 75	5/16 & 3/8	5	11/32	3
529F	12 00	3/8 & 7/16	5 3/4	3/8	3 3/4
530F	14 25	3/8 & 1/2	6 5/8	7/16	3 3/4
531F	14 25	7/16 & 1/2	6 5/8	7/16	5 3/8
533F	17 25	7/16 & 5/8	7 1/2	1/2	8 3/8
534F	18 75	1/2 & 5/8	8 1/2	9/16	8 3/4
535F	18 75	9/16 & 5/8	8 1/2	9/16	10 3/8
537F	24 50	5/8 & 3/4	9 3/4	5/8	17 1/8
539F	34 50	3/4 & 7/8	11	11/16	25 1/8

Half doz in cardboard box.

COMMUNITY PLATE

Presenting

THE NEW STYLE LEADER OF MODERN SILVERWARE

DEAUVILLE

in

COMMUNITY PLATE

gallant . . . gay . . . full-of-go . . .

WHAT the Riviera is to the world of fashion in winter Deauville is to it in summer—the natural gathering place of Wealth and Leisure from all continents. There the famous couturiers of Paris send their parading manikins . . . there new styles for the coming season receive their first accolade . . . and there was born the name of this sensational new silverware pattern. . . . What Deauville-on-the-sea is to today's watering places, Deauville-on-the-table is to today's silverware. Fresh as the breezes that cool the French coast . . . full of the dash and spirit that modern style demands . . . it yet possesses the dignity and restraint without which no fashion can find universal applause. Judge silverware by the fineness of its design, by its impression on eye and hand, and you cannot conscientiously withhold the palm from this newest creation of Community craftsmen.

An unusual window display vividly suggesting the source of the Deauville's name has been prepared, and is reproduced in miniature below. It is in full color, measures approximately 23 x 17 inches, and may be had free by sending to Oneida Community Studios, Oneida, New York.

COMMUNITY PLATE

Deauville Design

Tray FREE With Silverware

CRESTWOOD TRAY

With DeLuxe Stainless Dinner Knives

20 Pieces, for 6	*Retail*	*List*
Hollow Handles	$36.50	$46.36
Modeled Handles	31.50	39.84
34 Pieces, for 8	*Retail*	*List*
Hollow Handles	$48.00	$60.78
Modeled Handles	41.25	52.08

The Free Salon Mirror Tray, Bridal Chest and Full Service Case are extra in price

Presenting

THE NEW STYLE LEADER OF MODERN SILVERWARE

DEAUVILLE

gallant . . . gay . . . full-of-go . . .

50 YEAR REPLACEMENT GUARANTEE

SPOONS—*Six in Box*

Priced, per dozen	*Retail*	*List*
Tea	$8.00	$10.00
Dessert	16.00	20.00
Table	16.00	20.00
Soup Round Bowl	16.00	20.00
Cream Soup	16.00	20.00

FORKS—*Six in Box*

Priced, per dozen	*Retail*	*List*
Dinner	$16.00	$20.00
Dessert	16.00	20.00
Individual Salad	15.00	18.80

KNIVES—*Six in Box*

Priced, per dozen	*Retail*	*List*
Hollow Handle Dinner DeLuxe Stainless Blades	$28.00	$36.48
Hollow Handle Dessert DeLuxe Stainless Blades	28.00	36.48
Modeled Handle Dinner DeLux Stainless Blades	18.00	23.44
Modeled Handle Dessert DeLuxe Stainless Blades	18.00	23.44

KNIFE AND FORK SETS

6 DeLuxe Stainless Knives and 6 Forks

Priced, per Set	*Retail*	*List*
With Hollow Handle Dinner Knives	$22.00	$28.24
With Hollow Handle Dessert Knives	22.00	28.24
With Modeled Handle Dinner Knives	17.00	21.72
With Modeled Handle Dessert Knives	17.00	21.72

KNIVES Standard Stainless

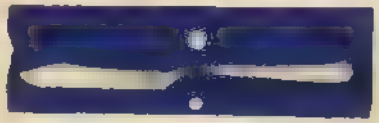
Six in Box

Priced, per dozen	*Retail*	*List*
Modeled Handle Dinner	$16.00	$20.84
Modeled Handle Dessert	16.00	20.84
Hollow Handle Fruit	23.00	30.00
Modeled Handle Fruit	16.00	20.84

COMMUNITY PLATE

Deauville Design

Pieces each	*Retail*	*List*
Sugar Spoon	$1.25	$1.57



	Retail	*List*
Butter Knife, *set*	$ .25	$1.57
Butter Knife and Sugar Spoon, *set*	2.50	3.13

Pieces set each	*Retail*	*List*
Oyster or Seafood Forks	$5.50	$6.88

Cream Soup Spoons	$8.00	$10.00

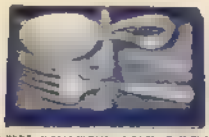
Pickle Oliver Fork	$1.50	$1.88

	Retail	*List*
After Dinner Coffee Spoons	$4.00	$5.00
Five O'Clock Tea Spoons	4.00	5.00

Pieces each	*Retail*	*List*
Iced Tea or Iced Drink Spoons	$6.00	$7.50

Pieces each	*Retail*	*List*
Berry or Serving Spoon	$3.50	$4.38

Pieces each	*Retail*	*List*
Cold Meat or Serving Fork	$2.50	$3.13



BABY SPOONS AND FORKS

In Bright-Lustre Decorated Boxes	*Retail*	*List*
Spoon, Bent Handle, each	$1.00	$1.25
Spoon, Straight Handle, each	1.00	1.25
Fork, Straight Handle, each	1.00	1.25
Fork and Bent Spoon, *set*	2.00	2.50
Fork and Straight Spoon, *set*	2.00	2.50

CHILD'S SETS

In Bright-Lustre Decorated Boxes	*Retail*	*List*
Wide Hollow Handle Knife and Fork, *set*	$3.00	$3.75
Wide Bent Handle Knife and Fork, *set*	3.00	3.75

CARVERS

DeLuxe Stainless Blades

	Retail	*List*
2 Piece Hollow Handle Knife and Blade, *set*	$12.50	$15.63
2 Piece Bolster Handle and Blade, *set*	8.50	11.04
Large 3 Piece Hollow Handle, *set*	20.00	26.00

Pieces each	*Retail*	*List*
Individual Salad or Pastry Forks	$4.50	$5.63

Pieces each	*Retail*	*List*
Salad Dressing or Salad Ladle	$2.25	$2.82
Serving or Gravy Ladle	3.00	3.75
Medium Soup or Serving Ladle	8.50	10.64

Pieces each	*Retail*	*List*
Bouillon or Consomme Spoons	$7.50	$9.40

Individual Butter Spreaders	$6.50	$8.14

Pieces each	*Retail*	*List*
Jam or Preserve Spoon	$2.25	$2.19

	Retail	*List*
Orange or Grapefruit Spoons	$6.00	$7.50

Pieces each	*Retail*	*List*
Pierced Pastry Server	$4.40	$5.63
Pierced Round Server	3.50	4.38

PIECES NOT ILLUSTRATED

Pieces each	*Retail*	*List*
Pierced Cream Server, Flat	$1.40	$5.63
Jelly Server	1.75	2.19
Cream Server	11.00	14.14
Sugar Tongs	2.00	2.50

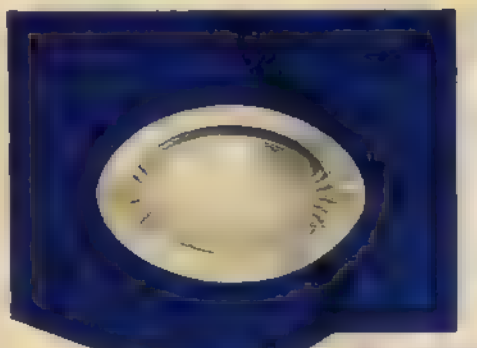
Pieced set of six	*Retail*	*List*
Individual Salad Spoons	$6.00	$7.50
Individual Salad Forks	6.50	8.14
Flat Handle Butter Knives	12.00	15.04

COMMUNITY PLATE

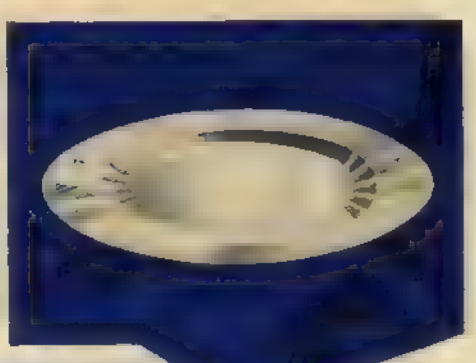
Deauville Design

	Retail	List
TEA POT *—Capacity 5 half pints* . .	$20.00	$25.02
SUGAR BOWL *Height 7¼ inches*	11.00	13.76
CREAM PITCHER *Height 5¾ inches* .	9.00	11.26
OVAL WAITER *—18 inch*	20.00	25.02

	Retail	List
THREE-PIECE TEA SET *(without waiter)*	$40.00	$50.04
FOUR-PIECE TEA SET *(as shown above)* . .	60.00	75.06
SUGAR AND CREAM SET	20.00	25.02
DESSERT SERVICE *(Sugar and Cream)* .	10.00	12.52



SALT AND PEPPER SETS *(Boxed*
Height 4¼ in. Sets $7.50 [ea $3.75]



SANDWICH OR CAKE PLATE *(Length 11¾ ins.)*

Retail	*List*
$7.50	$9.38

SANDWICH OR CAKE BASKET *(Length 12 in. Cake Plate with folding handle)*

Retail	*List*
$10.50	$13.14

BREAD OR ROLL TRAY *(Length 15 inches)*

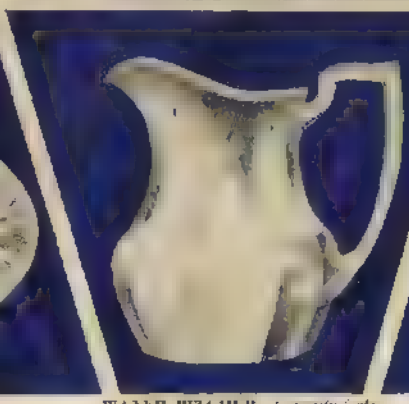
Retail	*List*
$7.50	$9.38

	Retail	List
DOUBLE VEGETABLE DISH *(Length 12 in. Cover can be used as additional dish)* . . .	$17.50	$ 21.90

COMMUNITY PLATE

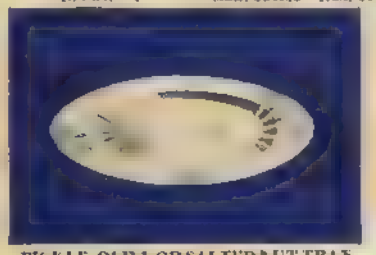
Deauville Design

MEAT PLATTERS—*Well and Tree*
18 inch . *Retail*, $24.00 *List*, $30.02

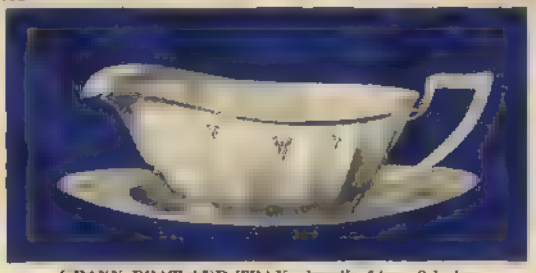


WATER PITCHER *Capacity 2 qts.*
Retail $17.50 *List* .. $21.90

MEAT PLATTERS—*Plain*
18 inch . *Retail* $20.00 *List*, $25.02



PICKLE, OLIVE OR SALTED NUT TRAY
Length 9 ins. *Retail*, $3.75 *List*, $4.70

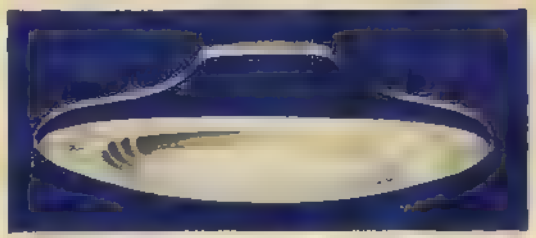


GRAVY BOAT AND TRAY—*Length of tray, 9 inches*
Retail..... $15.00 *List* $18.76

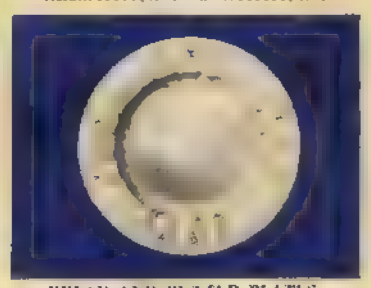
BON-BON DISH—*Length 6¼ ins.*
Retail.....$4.00 *List*.....$5.00

TEA OR SALAD PLATE *7¾ ins.*

	Retail	*List*
Each	$1.00	[illegible]
Set of Six .	21.00	30.00



BREAD OR ROLL BASKET *Length 11 inches*
Retail..... .$9.50 *List* $11.88



BREAD AND BUTTER PLATES
Diameter 6 inches

	Retail	*List*
Set of Six	$22.50	$28.16

MAYONNAISE BOWL—*Length [illegible] ins.*
Retail $5.50 *List* $6.88

THREE-PIECE DESSERT SET
Sugar Bowl and Cream Pitcher, *each 2¾ ins. high*
Tray *7 ins. long*

	Retail	*List*
THREE-PIECE SET, as shown . .	$17.50	$21.90
DESSERT SERVICE (Sugar and Cream)	10.00	12.52
COLD MEAT OR DESSERT TRAY	7.50	9.38

FINGER BOWLS—*Dia. 5 inches*
Retail *List*
Set of Six . $22.50 $28.16

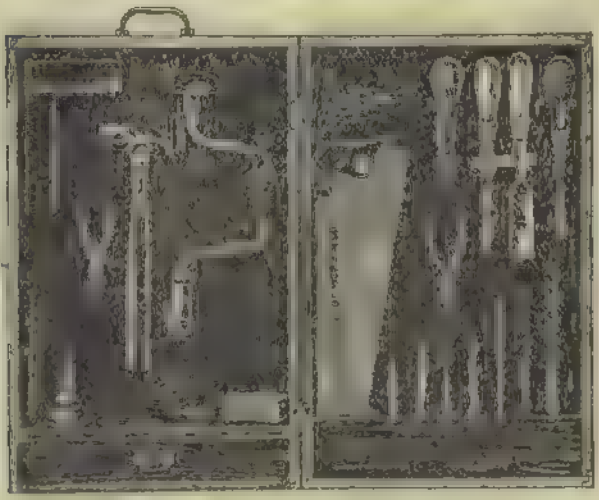
CHILD'S PORRINGER—*Dia. 5 ins.*
Retail .....$3.75 *List*..... .$4.70

CHILD'S SET—BOWL AND PLATE

Dia. of		*Retail*	*List*
	Set	$7.50	$9.40
Plate	Plate	3.75	4.70
6½ ins.	Bowl	3.75	4.70

CHILD'S CUP—*Height 2¾ inches*
Retail $3.75 *List* $4.70

Tool Cabinet No. 99½ Complete



This is an excellent small set for home use where only a few tools are required. Those in this set are of good quality.

This also makes a desirable set for boys' use. Just the tools required for ordinary repairing around the home. Any boy who has a mechanical turn of mind. They are the kind boys' tools that are of regular size and quality and carry our guarantee.

Outside dimensions, 22 x 14 x 5¾ inches

Contents: 21 Articles, as follows.

1 Saw 16 in.	1 Auger Bit, ¼ in.
1 Steel Nail Hammer	1 Auger Bit, ⅝ in.
1 Block Plane	1 German Pattern Gimlet Bit
1 Pair Gas Pliers	1 Rose Countersink
1 Pair Flat Nose Pliers	1 Screw Driver, 4 in
1 [illegible]	1 [illegible]
1 Socket Chisel ½ in.	1 Whetstone
1 Tool Holder with 10 tools	1 Oiler
1 Brace	1 Try Square
1 Auger Bit, ¼ in.	1 Nail Set

1 Screw Driver Bit

COMPLETE WITH TOOLS etc., $7.50

Weight crated, about 25 lbs

Every Tool Warranted Montgomery Quality

(Cons[illegible] index). Mention "Tool Monger" No. 30 when ordering from this book.

Figures. (see index—Naming Stamps.)

Tool Cabinet No. 100 Complete

This cabinet contains 26 high-class tools, just a few more than in cabinet No. 99½. It is A1 in every respect. In many cases where we have sold just one set it has been the means of our selling many others.

Montgomery & Co. sell the very best tools and are always willing to make good any defective tool. Every tool in this set is absolutely warranted.

A very handy set around the house, barn or garage.

"A place for everything and everything in its place."

Outside dimensions 24 x 16 x 5½ inches.

Contents: 26 articles, as follows:

1 Saw 18 inches
1 Gimlet Bit
3 Auger Bits
3 Chisels
1 Countersink
1 Screw Driver
1 Steel Nail Hammer
1 Tool Holder with 10 tools
1 Drawing Knife (instead of Spokeshave)
1 Plane
1 Rule
1 Oil Whetstone
1 Saw File
1 Pair Cutting Nippers
1 Pair Flat Nose Pliers
1 Pair Gas Pliers
1 Brace
1 Can Glue
1 Nail Set
1 Marking Gauge
1 Try Square
1 Oiler

COMPLETE WITH TOOLS, etc., $10.00 net.
Weight crated, about 35 lbs.

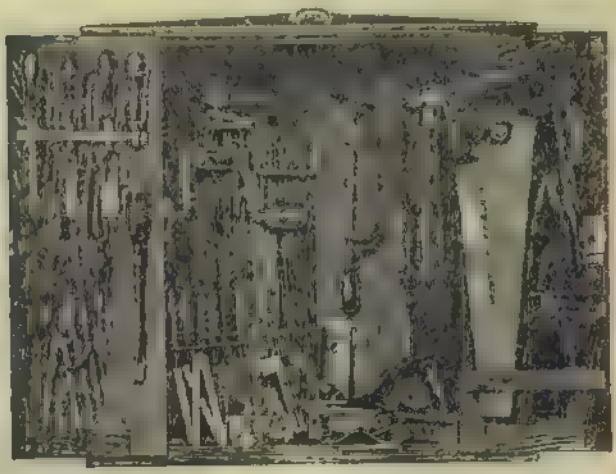
Every Tool Warranted Montgomery Quality

Taps and Dies: Odd Threads, odd Sizes, everything [illegible]

Tool Monger No. 30 when ordering from this book.
ON STREET, NEW YORK CITY

Corner Tool Cabinet No. 201 Complete

This Cabinet Will Fit Snugly Into a Corner



It contains the same quality of high grade tools as our other sets and this particular set has an all around good assortment of tools for all ordinary purposes.

Its particular feature is the three-cornered cabinet fitting in a corner.

Outside dimensions, 25½ x 28 x 17 inches.

Contents 46 articles, as follows:

1 Saw 18 inches
[illegible]
3 Auger Bits
3 Chisels
1 Hack Saw
1 [illegible]
1 [illegible]
1 Automatic Scraper
2 [illegible]
[illegible]
1 Set Nail Hammers
1 Tool Handle and 3 Tools
1 Drawing Knife (Instead of Spokeshave)
2 Planes
1 Rule
1 Try Square
1 Marking Gauge
1 Cup Point Nail Set
1 Pair Wing Dividers
1 Pair Iron Pliers
1 Pair Needle Nose Pliers
1 Pair Cutting Nippers
1 Saw File
1 Oil Whetstone
1 [illegible]
[illegible]
1 Coping Saw

COMPLETE WITH TOOLS [illegible] $15.00 net

Weight crated, about 70 lbs.

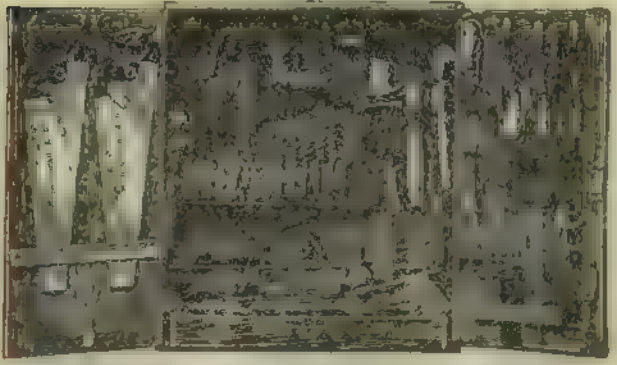
Every Tool Warranted Montgomery Quality

[illegible] and has been selling readily. It looks as though it might be a "winner." (See Index in front of book.)

MONTGOMERY & CO. 105 FULTON STREET, NEW YORK CITY
[illegible] Number" No. 30 when ordering from this book

Tool Cabinet No. 102 Complete

Made of Chestnut, Paneled and Nicely Finished



It is one of the best $20.00 sets put up by anyone in the country. It contains all the essential tools required in any house and there are very few carpenters who ever require more. It is a high-class set in every particular.

Outside dimensions, 28⅞ x 24⅞ x 8¼ inches.

Contents, 46 articles, as follows:

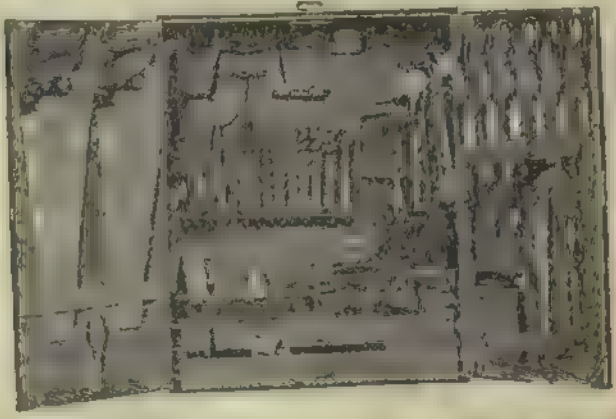
1 Ratchet Brace
2 Saws (1 Rip and 1 Cross-cut)
3 Chisels
[illegible]
[illegible]
1 Coping Saw
1 Steel Nail Hammer
1 Tack Hammer
1 Steel Hatchet
1 Tool Holder with 6 tools
[illegible]
2 Screw Drivers
[illegible]
1 Hexagon Level
1 Screw Driver Bit, No. 200
Cup Point Nail Set
1 Compass Saw No. 25½
[illegible]
[illegible]
1 Pair Wing Dividers
1 Pair Gas Pliers
1 Pair Flat Nose Pliers
1 Pair Cutting Nippers
2 Files
1 Oil Whetstone
2 Planes
[illegible]
1 Can Glue
[illegible] (1 extra Spokeshave)
1 Marking Gauge
Rule

COMPLETE WITH TOOLS etc., $20.00 net
Weight crated about 70 lbs.

Every Tool Warranted Montgomery Quality

Tool Cabinet No. 104 Complete

Made of Quartered Oak, Paneled and with Beautiful Antique Finish



All the tools in this set are right as to every particular. [illegible] and the kind that [illegible] the most skilful craftsman will find [illegible] all right and fit.

Outside dimensions, 18½ x 24½ x 9½ inch.

Contents, 52 articles, as follows.

[illegible]

COMPLETE WITH TOOLS, etc., $8.00

Weight crated, about 57 lbs.

Every Tool Warranted Montgomery Quality

[illegible]

ANOTHER ASTONISHING KITCHEN CABINET VALUE

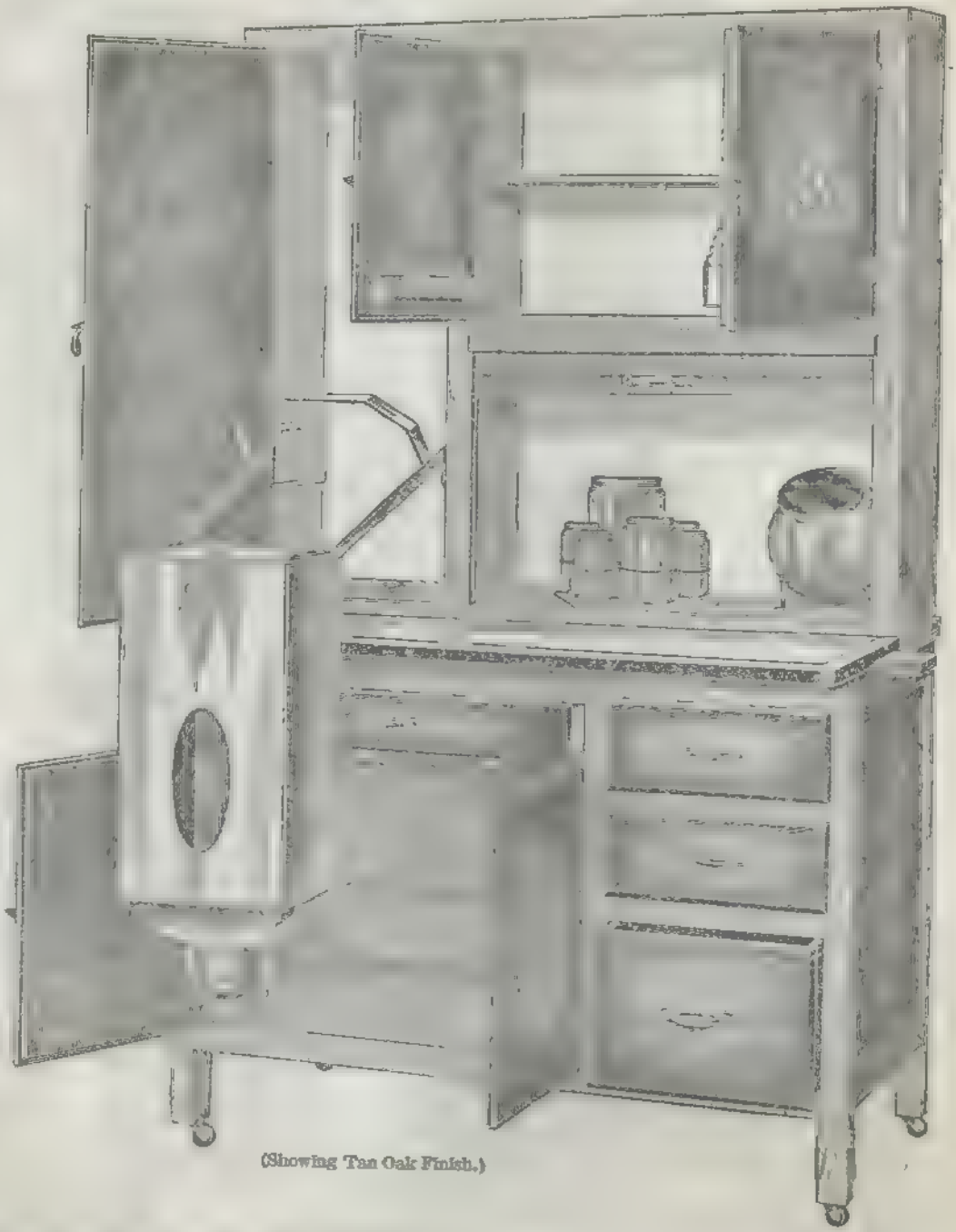
THE FULL FLUSH FRONT CONSTRUCTION IS SANITARY AND GOOD LOOKING

The 50 pound all metal flour bin swings down for easy filling.

The equipment consists of Patent Flour Sifter, Sugar Jar, Spice Set, Tea and Coffee Jars, Bread Board, Wire Pan Racks, Change Tray, Bill File, Metal Bread Box, Divided Cutlery Drawer, Food Chopper Block, and Refrigerator type hardware.

The large cupboard has plenty of storage capacity. The smooth lacquered finish with its colorful decorations on the smooth flush front adds much to the appearance.

Note—Upper interior compartments of Beige and Grey Cabinets correspond with exterior finish.



(Showing Tan Oak Finish.)

Height 68 inches; width 40 inches, porcelain top 40x25 inches.

Shipping weight about 165 lbs.

No. 4570 Tan Oak Lacquer Finish		Each
No. 45BL—Beige Lacquer Finish		$91 50
No. 45GL—Grey Lacquer Finish		

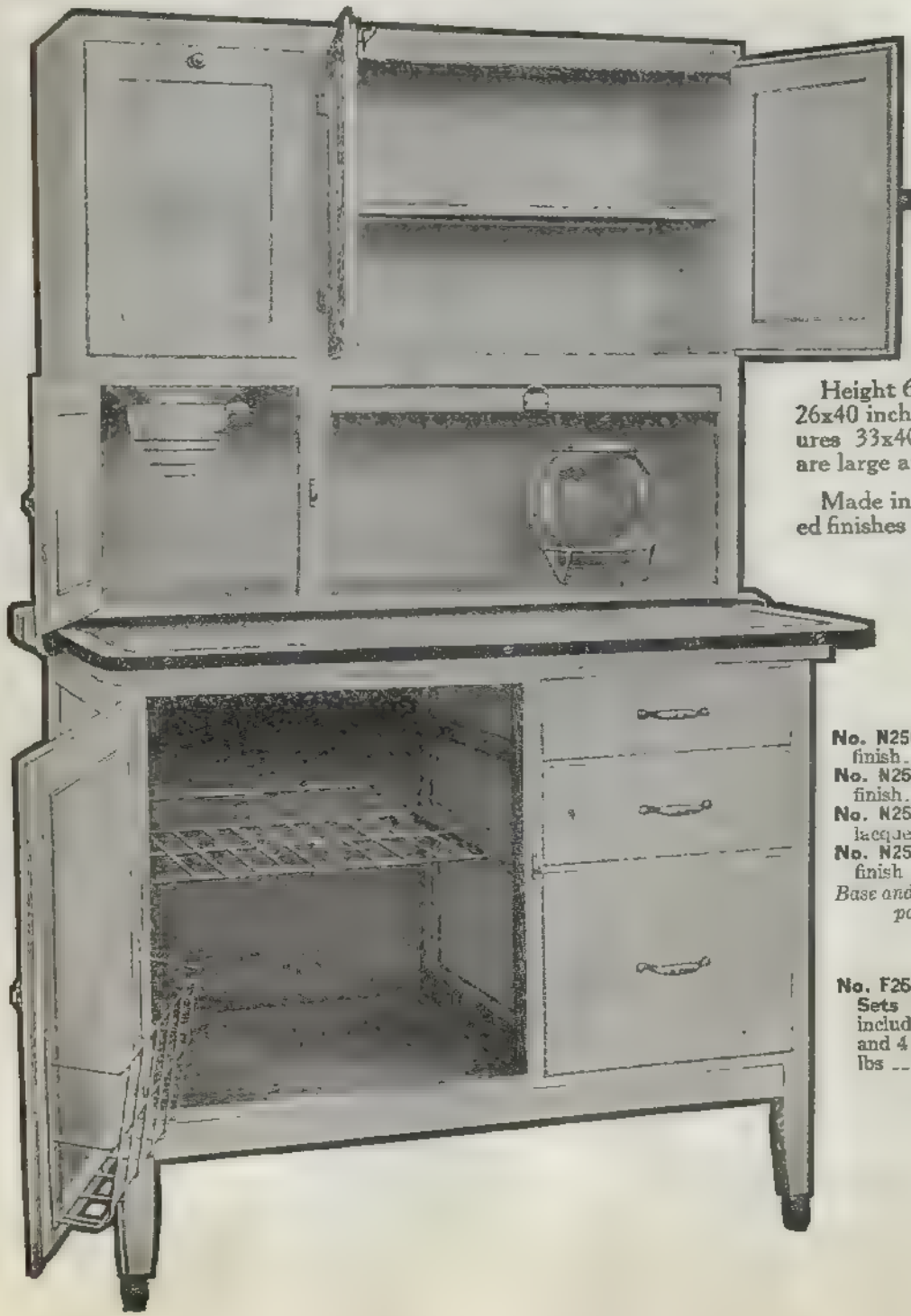
Carefully packed for shipment.

KITCHEN CABINETS

Here is a Kitchen Cabinet that has proven a real value and Sales Stimulator among thousands of Belknap Customers. We have sold Car-load after Car-load, in fact Train-load after Train-load and still it is one of our most popular numbers.

A glance at the illustration shows that the proportions, the construction and general design is the kind that readily appeals to every prospective Customer.

Large 24 pound capacity metal Flour Bin —large glass Sugar Jar—mouse-proof Bread Drawer—wire shelf for cooking utensils in lower compartment—wire pan rack on inside door to lower compartment.



All drawers are full metal construction.

Select hardwood is used throughout. Solid ends in top section. Angle brace construction—sliding porcelain top—roll curtain front. All Cabinets have wide interior upper compartment.

Height 68 inches—porcelain top 26x40 inches—top extended measures 33x40 inches. All drawers are large and roomy.

Made in four beautiful lacquered finishes as described below.

	Each
No. N25GO — Golden oak finish	$59 25
No. N25GE Grey lacquer finish	
No. N25JG Jade green lacquer finish	62 25
No. N25WE White lacquer finish	

Base and top packed separately in heavy paper carton; shipping wt each 127 lbs.

	Per Set
No. F25—Colonial Glassware Sets for Kitchen Cabinets, including: Coffee Jar, Tea Jar, and 4 Spice Jars; wt per set 5 lbs	$2 55

One set in carton.

NEW COLORS AND NEW DESIGNS IN KITCHEN CABINETS

BEAUTIFULLY FINISHED---CONVENIENT---COMPACT

The New Flour Bin Arrangement Affords Greater Storage Space.

The Many New Efficiency Features Are Instantly Admired By All Who See It

CONSTRUCTION—

Hardwood, strongly braced box type construction, solid ends in top section. Sides are flush allowing more storage space in top section. All joints are mortise and tenon, glued and nailed.

SIZE—

Height 70 inches, width 40 inches; porcelain top 25x40 inches. Work table 34 inches from floor.

FINISH—

Lacquered (not enameled). Stencil decorations in two colors. Interior lacquered to match.

UPPER COMPARTMENT—

Storage space across entire cabinet, with one shelf, cook book holder, card rack and change tray on door. Furnished with 5 piece spice set, coffee container, sugar bowl, 15 lb. flour bowl with hand flour sifter.

LOWER COMPARTMENT—

Large cutlery drawer is of wood. Two linen drawers and bread box are of metal. Large roomy cupboard with two doors on which pan racks are fitted. Bread board also furnished.

CURTAIN FRONT—

Easy moving full curtain, with clear front feature. When closed gives a very neat flat appearance. Dust proof and neat looking.

PORCELAIN TOP—

White porcelain, with black edge.

	Each
No. 35-BL—Beige (Caramel) lacquered finish	$81 75
No. 35-GO—Golden oak lacquered finish	78 75
No. 35-WE—White lacquered, decorated	81 75
No. 35-GE—Gray lacquered, decorated	81 75
No. 35-JG—Jade green lacquered, decorated	81 75

KITCHEN CABINETS
—BLUE GRASS—ALL STEEL

The structural frame is of heavy angle steel, cut and formed on special machines; securely welded into proper shape causing every drawer and door to fit perfectly. The enamel is applied similar to that on white-enameled steel beds.

A number of coats are applied by an air brush and each coat baked on. The result is, a surface that will not chip or peel off.

The entire body is of heavy sheet steel with all joints electrically welded. The base is fitted with tin lined bread or cake box, one large linen drawer, one towel drawer, one partitioned cutlery drawer, large utensil compartment with removable shelf, and pan rack on inside of door. A white maple bread board is also furnished.

Top contains tilting flour bin with sifter, glass sugar container, seven glass spice jars and glass measuring cup.

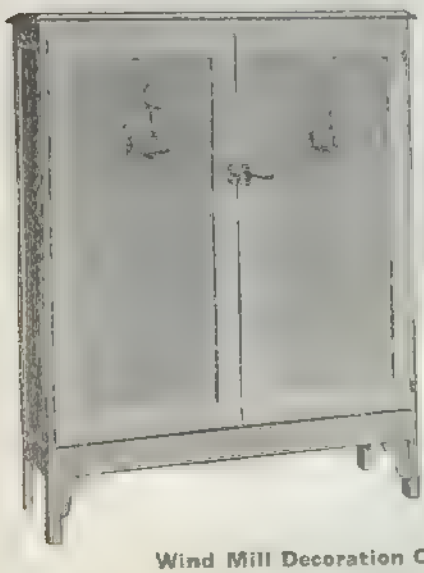
Height over all 70 inches; width 40 inches; top 40½x26 inches; extending to 37 inches when drawn out.

With porcelain sliding top.

	Each
No. BG2S—White enameled	$157 50
No. BG3S—Grey enameled	157 50

Base and top separately; shipping wt each 331 lbs.

UTILITY CUPBOARDS



Hardwood construction, nickel plated refrigerator type door catch. Equipped with three 12 inch shelves and large storage compartment in bottom. Top 14x38 inches; height 48 inches.

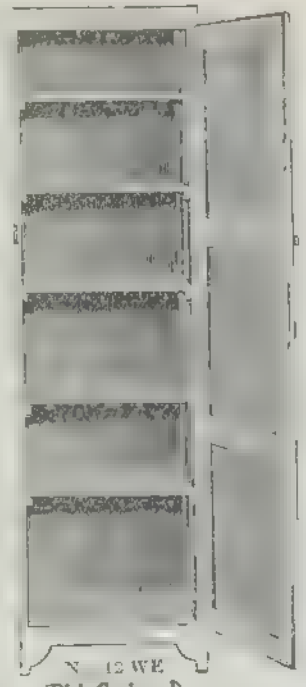
Wind Mill Decoration On Doors.

	Each
No. 8GE—Gray enameled finish inside and out	$32 55
No. 8JG—Green enameled finish inside and out	32 55

Crated; shipping wt each 95 lbs.

BROOM CLOSET AND DISH CUPBOARD

No. 10 WE
(Broom Closet)



No. 12 WE
(Dish Cupboard)

Seasoned kiln-dried hardwood three-ply construction shelves, back and door panels; nickel plated hinges and door latch. May be used as a combination in bungalows and small apartments. Height over all 70 inches; width 19 inches; depth 13¼ inches.

BROOM, BRUSH AND VACUUM CLEANER CLOSET

Contains 1 shelf for polish, soap, etc, sufficient hooks for hanging brushes, mops, dust pan, etc., and broom holder on door

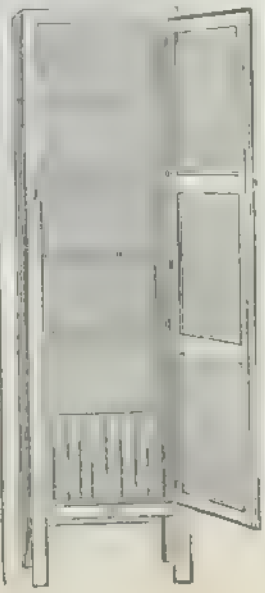
	Each
No. 10WE White enameled inside and outside	$21 75
No. 10GE Gray enameled inside and outside	21 75
No. 10JG Jade green enameled inside and outside	23 25

DISH CUPBOARD

Contains 6 roomy shelves to accommodate dishes, linens, package goods, canned goods, etc.

	Each
No. 12WE White enameled inside and outside	$23 25
No. 12GE Gray enameled inside and outside	23 25
No. 12JG—Jade green enameled inside and outside	23 25

One in heavy corrugated carton; shipping wt each 56 lbs.



BATH CLOSETS

Seasoned kiln-dried hardwood; three-ply construction shelves, back and door panels; nickel plated door latch. Contains 4 shelves and large bottom compartment with wire guard to be used for soiled linen, Height 70 inches; width 19 inches; depth 13¼ inches.

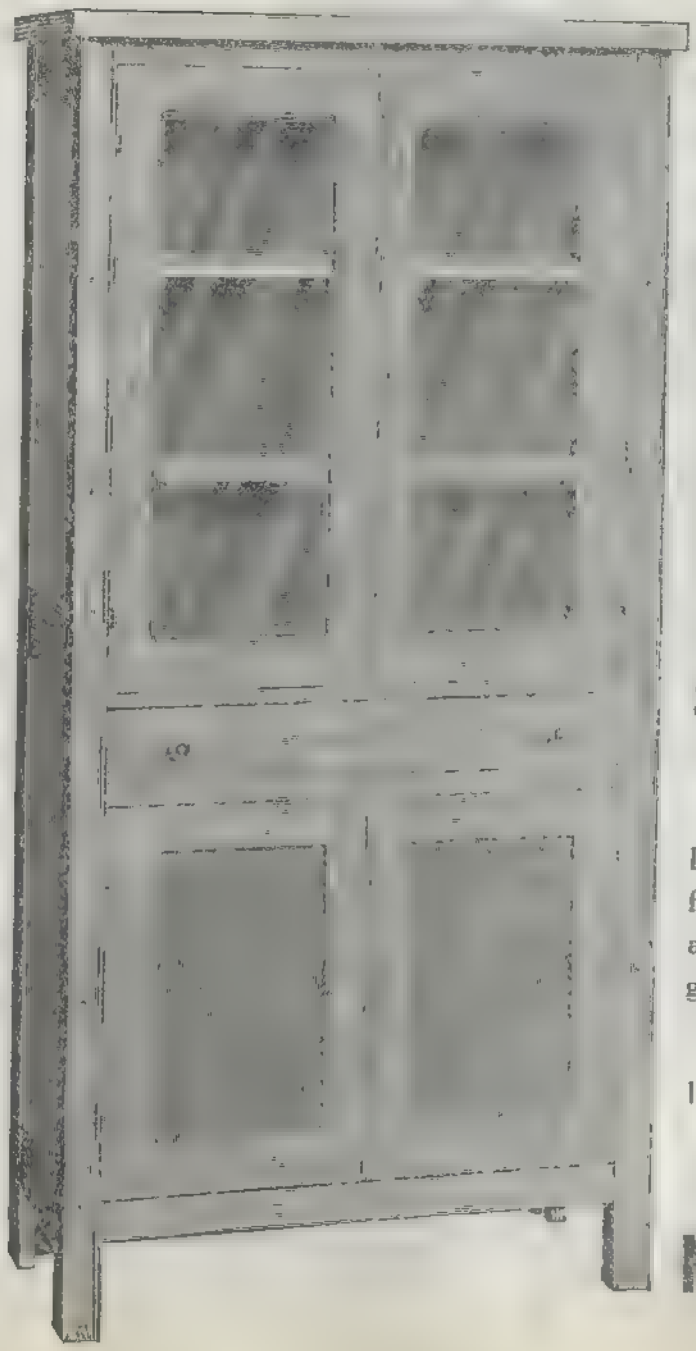
	Each
No. F13WE—White enameled inside and outside	$24 00

One in heavy corrugated carton; shipping wt each 56 lbs.

A REMARKABLE VALUE IN A STURDILY CONSTRUCTED KITCHEN SAFE

Study The Illustration! Read The Description!

LOOK AT THE PRICE!



Do you wonder how we do it?---taking the output of one of our large Manufacturer is the answer.

It's a real safe.
At a real price.

Solid oak, bolted construction throughout.

Top section fitted with two shelves. Lower compartment is extra large; drawer fitted with wood knobs. The glass doors are extra large and cupboards provide generous storage capacity.

Height 72 inches; width 32 inches; depth 14 inches.

No. 40—Golden Oak Finish.. Each $29 25

One in crate, K. D. weight each 150 lbs

D 14

KITCHEN SAFES

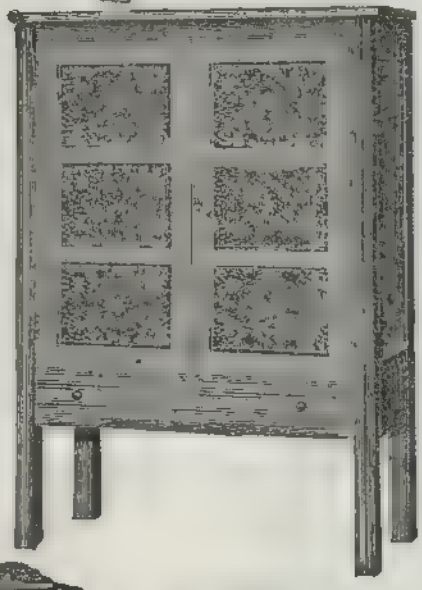
Hardwood, imitation quartered oak finish; 4 feet 11 inches high; 2 feet 10 inches wide; 14½ inches deep; mounted with patent lug fasteners. Large bottom drawer.

Each

No. 20TD—Perforated tin doors $19 05

No. 20SD—Screen wire doors 19 05

One in crate, K. D; shipping wt each 70 lbs.



Hardwood, imitation quarter sawed oak, golden gloss finish; 4 feet 11 inches high; 3 feet 4 inches wide; 14½ inches deep; perforated tin doors large; drawer; mounted with patent lug fasteners.

Each

No. 21T...$23 25

One in crate, K. D.; shipping wt 85 lbs.

KITCHEN CUPBOARDS

—Trade Stimulator—

Hardwood, imitation quarter sawed oak, golden gloss finish; 6 feet high; 2 feet 10 inches wide; 14½ inches deep; panel wood doors in base; with drawer; glass 10x30 inches. **Mounted with patent lug fasteners.**

Each

No. 30—Glass doors...$27 30

No. 30T—Tin doors ... 28 05

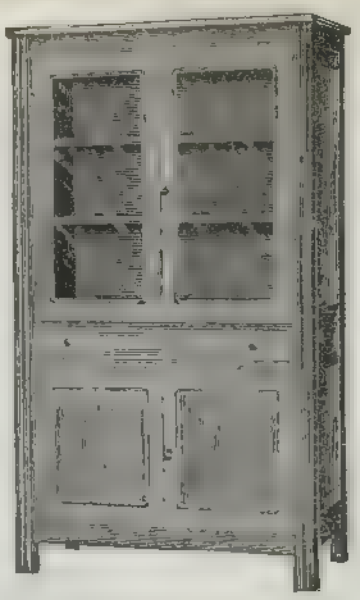
No. 30S—Screen wire doors 28 05

Full Bolted Construction.

Each

No. 030—Glass doors ..$30 00

One in crate, K. D.; shipping wt 105 lbs



KITCHEN CUPBOARDS

Hardwood, imitation quarter sawed oak, golden gloss finish; 6 feet high; 3 feet 4 inches wide; 14½ inches deep; glass doors in top; panel wood doors in base, with drawer; glass 13x30 inches; mounted with patent lug fasteners.

Each

No. 25..... $41 25

One in crate, K. D.; shipping wt 112 lbs.

Hardwood, imitation quarter sawed oak, golden gloss finish; 6 feet 8 inches high; 3 feet 4 inches wide; 14½ inches deep glass doors in top panel, wood doors in base with drawer; glass 14x30 inches; mounted with patent lug fasteners.

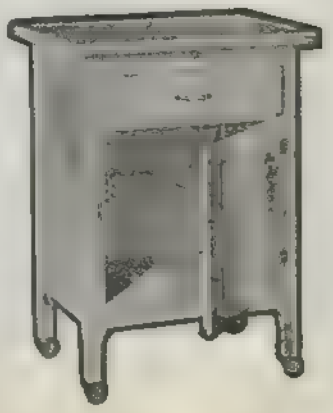
Each

No. 27..... $48 75

One in crate, K. D; shipping wt 152 lbs

UTILITY CABINETS

JUNIOR



White Enameled.

20x24 inch first quality sanitary white porcelain top. Equipped with sliding wire tray, wire rack on door, partitioned drawer with nickel plated handle, sliding bread board, nickel plated hardware and casters. Designed for use in small kitchens, kitchenettes, etc. Height 32 inches.

Each

No. 9WE—Hardwood white enameled finish..... $24 00

Crated; shipping wt each 77 lbs.

Black Hawk Socket Wrench Sets

No. 32 C. D. Master Mechanics Wrench Set

A Master Set For Master Mechanics

—

32 Tools For Handling Every Adjustment on Every Car

Set is packed in a heavy gauge steel case with beautiful two-tone crackle finish of maroon and black.

No. 32C is the same as No. 32CD with the exception that No. 32C has Hexagon instead of Double Hexagon Sockets.

Set contains one each of following: Handles Nos. 911X, 610 500, T10, T60, T4, 3310, and 110X. Attachments Nos T1, T2, and T11. Double Hexagon Sockets Nos. D11, D16, D18, D19, D20, D21, D22, D24, D25, D26, D28, D30, D31, D32, and D34. Square Sockets Nos. 012, 014, 016, 018, and 020. Spark Plug Socket No. 136.

No. 32CD Set. Price.....**$30.35**

No. 32C Set with Hexagon instead of Double Hexagon Sockets. Price.....**$9.10**

No. 12E Extra Heavy Duty Wrench Set

For Industrial Service and maintenance

—

Remarkable for Strength and Adaptability

No expense has been spared to make this set the best and safest Industrial wrench set on the market. Handles have ⅞" square shank—sockets ⅛" square opening for handles.

Set contains, No. 920 Ratchet, 20" long. No. T4XX Sliding Bar, 24" long. No. T40XX Offset also head for T4XX. No. T8XX Extension Bar, 9" long. No. T17XXX Extension Bar, 18" long. Extra Heavy Duty Hexagon Sockets Nos. 40XX, 46XX, 52XX, 58XX, 64XX, 70XX, 76XX. Sizes 1¼" to 2¾".

No. 12E Set. Complete in 2-toned steel Case No. E. Price.....**$58.40**

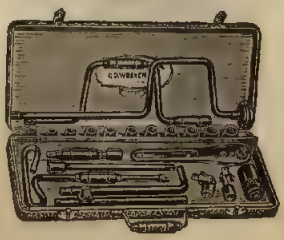
No. 12 Set. Same as 12E but packed in wooden box. Price.....**$49.40**

No. 43 DD Wrench Set

43 Tools

—

For Extra Heavy Industrial Service of all Kinds



The Set for every job—car, truck, tractor, threshers and farm machinery. This set combines the tools of the famous 32CD Set, with the heavy duty handles and sockets in the 35B Set described above and also Sockets Nos. 36X, 38X, 40X, 44X, 46X, 48X, 50X, 52X. Sizes 1⅛" to 1⅝" is used with Set No. 35B. Neatly arranged in the sturdy No. D Case with the two-toned red and black crackle finish.

No. 43DD Set. Price.....**$48.15**

No. 43D Set. Combines tools of 32C and 35B. Price.....**$46.90**

No. 36 B Heavy Duty Wrench Set

For Trucks Tractors Farm Engines and Machinery

A favorite in industrial plants. Extension bar can safely be used on ratchet where leverage beyond the handle is needed to break loose frozen nuts or bolts. Sockets of special steel, properly heat treated to stand up under constant use. Handles have ¾" square shank—sockets ¾" opening for handles.

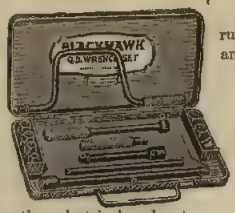
Set contains one each No. 916 Ratchet, 18" long. No. T4X Sliding T, 19" long. No. T8X Extension Bar, 8½" long. No. T17X Extension Bar, 17" long. Extra Heavy Duty Hexagon Sockets, Nos. 36X, 38X, 40X, 44X, 46X, 48X, 50X, 52X. Sizes 1⅛" to 1⅝".

No. 36B. Set Complete in two-toned steel case. Price.....**$26.30**

No. 35B. Set (Same as above less No. 916 Ratchet). Price.....**$17.80**

Black Hawk Socket Wrench Sets

No. 13H Ignition Service Set
Tiny Sockets and Handles



This little set is ideal for use in work in close quarters such as: Automotive universal joints, oil pump screws, terminals, water pumps and fan assembly located in front of motor, carburetor joints, cap screws, generator bolts, pole pieces and brushes, universal generator and water pump couplings, distributors and numerous other electrical and automotive devices. Ideal for aviation work. Set contains 13 tools, one each, as pictured above.

No. 13H Set. Complete in Metal Case H.....**$11.35**

No. 9L Set

No. 9L Set

For those who require only a smaller assortment we recommend the No. 9L Set. This set consists of one each of tiny sockets shown at left, one No. T4 sliding bar handle, and two No. T6 S, 6″ extensions bars. Handle combined with bars provides either T or L type with 6″, or 12″ length if both extensions are used.

No. 9L Set. Complete in L Case (black finish)..**$5.25**

Nos. 23G and 15G Drain Plug Wrench Sets

For removing plugs to drain crank cases, also for drain and refill plugs in transmissions and differential housings. Sliding bar handle can be used as a tee or offset. Will fit a large range of cars.

No. 23G Set Contains One Each:

No. T4 sliding T, No. T6 extension bar. No. T1 attachment for drain plugs with slot. Hexagon Sockets, Nos. 16, 24, 30, 32, 34, and 36. Square Sockets, Nos. 014, 016, 018, 020, 022, 024, and 028. Square Plugs, Nos. 710, 712, 714, 716, 718, 720, and 724.

Price per Set.....**$18.25**

The No. 15G Set

is packed in same box as No. 23G but contains only 15 tools. Provides a low priced set that will handle drain service on the majority, of popular cars. Set contains one each.

No. T4 Sliding T, No. T6 extension bar. Hexagon Sockets, Nos. 16, 24, 30 and 36. Square Sockets, Nos. 014, 016, 018, 020 and 024. Square Plugs, Nos. 712, 714, 716, and 718.

Price per Set.....**$11.65**

Black Hawk Chief Socket Wrench Sets

Lock-on Sockets, Chrome-vanadium Steel basis, rust resisting Chrome plating, double hexagon sockets and crackle finish steel case with inside bronze finish.

No. 30CD. Wrench Set

Price per Set **$35.00**

No. 26KD Wrench Set

No. 30CD Set Contains 1 each:

Brace handle, speeder handle, 10 in. ratchet, offset handle, combination T and offset, 10 in. extension bar, 6 in. extension bar, Universal joint, tie rod socket, 1⅛ in. spark plug socket and lock-on key. Also 14 double hexagon sockets, from ⅛ to 1-in. inclusive and 5 square sockets from ½ to ⅝ in. inclusive.

Price per Set.....**$35.00**

No. 16CD Set Contains:

16 pieces in attractive metal case. Set includes: 1 each brace handle, ratchet handle, combination tee and offset, 10 in. extension bar, 6 in. extension, Universal joint and lock-on key. Also 9 double hexagon sockets from ⅛ to ⅝ inch inclusive.

Price per Set.....**$22.10**

No. 26KD Set Contains One Each:

of the following tools: No. 9506 Brace Handle, No. 9811 Ratchet Handle, No. 9204 Combination T and offset, No. 9210, 10 in. extension bar, No. 9206 6 in. extension bar, No. 9502 Universal Joint, No. 9001 Release Tool. Nos. 1723, 1025, 1027C, 1028S, 1731A, and 1033C Engineers' Open End Wrenches. Nos. 402B, 402C, 404B, 404C Tappet Wrenches, and 9 Double Hexagon Sockets from ⅛ to ¾ in., inclusive.

Price per Set.....**$41.95**

Blackhawk Quick Detachable Sockets

Standard Q. D. Hexagon and Double Hexagon Sockets ½" Sq. Handle Openings

Socket Size	U.S.S. Nuts and Bolts	Hex. Head Cap Screws U.S. Std.	S.A.E. Std. Nuts and Cap Screws	Mfg. Std. Bolt Hds.	Coach Screws	Hexagon Socket No.	List Price Hexagon	Double Hex. No.	List Price Double Hex.
7/16	.....	¼	¼	¼	.....	14	$.40	D14	$.45
½	¼	5/16	5/16	.....	.....	16	.40	D16	.45
9/16	.....	⅜	⅜	.....	⅜	18	.40	D18	.45
19/32	5/16	.....	.....	.....	.....	19	.40	D19	.45
⅝	.....	7/16	7/16	⅜	.....	20	.40	D20	.45
21/32	.....	.....	.....	.....	.....	21	.50	D21	.55
11/16	⅜	.....	.....	.....	.....	22	.50	D22	.55
¾	.....	½	½	.....	½	24	.50	D24	.55
25/32	7/16	.....	.....	.....	.....	25	.50	D25	.65
13/16	.....	9/16	.....	½	.....	26	.50	D26	.65
⅞	½	⅝	9/16	.....	.....	28	.50	D28	.65
15/16	.....	.....	⅝	.....	⅝	30	.65	D30	.75
31/32	9/16	.....	.....	.....	.....	31	.65	D31	.75
1	.....	¾	11/16	⅝	.....	32	.65	D32	.75
1 1/16	⅝	.....	¾	.....	.....	34	.75	D34	.85
1 1/8	.....	⅞	.....	.....	¾	36	.75	D36	1.00
1 1/4	¾	1	⅞	.....	.....	40	.75	D40	1.00

Heavy Duty Q. D. Hex. Sockets ¾" Sq. Handle Openings

Socket No.	Socket Size	U.S.S. Nuts and Bolts	Hex. Head Cap Screws U.S. Std.	S.A.E. Std. Nuts and Cap Screws	Mfg. Std. Bolt Hds.	Coach Screws	List Price
28x	⅞	½	⅝	9/16	.....	.....	$0.75
30x	15/16	.....	.....	⅝	.....	⅝	.75
31x	31/32	9/16	.....	.....	.....	.....	.75
32x	1	.....	¾	11/16	⅝	.....	.75
34x	1 1/16	⅝	.....	¾	.....	.....	.85
36x	1 1/8	.....	⅞	.....	.....	¾	.90
38x	1 3/16	.....	.....	.....	¾	.....	.90
40x	1 1/4	¾	1	⅞	.....	.....	.90
42x	1 5/16	.....	.....	.....	.....	⅞	1.00
44x	1 3/8	.....	1 1/8	.....	⅞	.....	1.00
46x	1 7/16	⅞	.....	1	.....	.....	1.25
48x	1 1/2	.....	1 1/4	.....	.....	1	1.25
50x	1 9/16	.....	.....	.....	1	.....	1.25
52x	1 5/8	1	.....	1 1/8	.....	.....	1.50

Extra Heavy Duty Q. D. Hex. Sockets ⅞" Sq. Handle Openings

Socket No.	Socket Size	U.S.S. Nuts and Bolts	Hex. Head Cap Screws U.S. Std.	S.A.E. Std. Nuts and Cap Screws	Mfg. Std. Bolt Hds.	List Price
34xx	1 1/16	⅝	.....	¾	.....	$1.25
36xx	1 1/8	.....	⅞	.....	.....	1.25
40xx	1 1/4	¾	1	⅞	.....	1.35
44xx	1 3/8	.....	1 1/8	.....	⅞	1.35
46xx	1 7/16	⅞	.....	1	.....	1.50
48xx	1 1/2	.....	1 1/4	.....	.....	2.00
50xx	1 9/16	.....	.....	.....	1	2.00

Extra Heavy Duty Q. D. Hex. Sockets—(Continued)

Socket No.	Socket Size	U.S.S. Nuts and Bolts	Hex. Head Cap Screws U.S. Std.	S.A.E. Std. Nuts and Cap Screws	Mfg. Std. Bolt Hds.	List Price
52xx	1 5/8	1	.....	1 1/8	.....	$2.00
56xx	1 3/4	.....	.....	.....	1 1/8	2.50
58xx	1 13/16	1 1/8	.....	1 1/4	.....	2.75
60xx	1 7/8	.....	.....	.....	.....	2.75
62xx	1 15/16	.....	.....	.....	1 1/4	3.00
64xx	2	1 1/4	.....	1 3/8	.....	3.00
66xx	2 1/16	.....	.....	.....	.....	3.50
68xx	2 1/8	.....	.....	.....	1 3/8	3.50
70xx	2 3/16	1 3/8	.....	1 1/2	.....	4.00
72xx	2 1/4	.....	.....	.....	.....	4.50
74xx	2 5/16	.....	.....	.....	1 1/2	4.50
76xx	2 3/8	1 1/2	.....	.....	.....	5.00
78xx	2 7/16	.....	.....	.....	.....	6.00
80xx	2 1/2	.....	.....	.....	1 5/8	9.00
82xx	2 9/16	1 5/8	.....	.....	.....	12.00
84xx	2 5/8	.....	.....	.....	.....	13.50
86xx	2 11/16	.....	.....	.....	1 3/4	15.00
88xx	2 3/4	1 3/4	.....	.....	.....	16.00

Standard Q. D. Square Sockets ½" Sq. Handle Openings

Socket No.	Socket Size	U.S.S. Nuts and Bolts	U.S.S. Cap Screws	Square Head Set Screws	Coach Screws	List Price
012	5/8	.....	¼	5/16	¼	$0.40
014	7/16	.....	5/16	7/16	.....	.40
016	½	¼	3/8	½	.....	.45
018	9/16	.....	7/16	9/16	3/8	.45
019	19/32	9/16	.....	.....	.....	.50
020	5/8	.....	½	5/8	.....	.50
022	11/16	5/8	9/16	.....	.....	.50
024	¾	.....	5/8	¾	½	.60
025	25/32	7/16	.....	.....	.....	.60
026	13/16	.....	.....	.....	.....	.60
028	⅞	½	¾	⅞	.....	.75
030	15/16	.....	.....	.....	⅝	.75
032	1	9/16	.....	1	.....	.75
034	1 1/16	⅝	.....	.....	.....	.90
040	1 1/4	¾	1	1 1/4	.....	1.00

Heavy Q. D. Square Sockets ⅞" Sq. Handle Openings

Socket No.	Socket Size	U.S. Std. Sq. Nuts & Bolts	Mfg. Std. Sq. Head Bolts	Mfg. Std. Sq. Mach. Bolt Nut	Square Head Cap Screw	List Price
034xx	1 1/16	⅝	.....	.....	.....	$1.50
036xx	1 1/8	.....	.....	.....	.....	1.60
038xx	1 3/16	.....	.....	¾	.....	1.75
040xx	1 1/4	¾	⅝	.....	1	2.00
044xx	1 3/8	.....	¾	⅞	1 1/8	2.50
046xx	1 7/16	⅞	.....	.....	.....	3.00
050xx	1 9/16	.....	.....	1	.....	3.75
052xx	1 5/8	1	⅞	.....	.....	4.25
058xx	1 13/16	1 1/8	.....	1 1/8	.....	5.00
064xx	2	1 1/4	1	1 1/4	.....	6.00

Blackhawk Wrench Set Parts

Wrench Sockets (Continued)

Tiny Q. D. Double Hexagon Sockets 3/8" Sq. Handle Openings

Socket No.	Socket Size	U.S.S. Nuts and Bolts	Hex. Head Cap Screws U.S. Std.	S.A.E. Std. Nuts and Cap Screws	Mfg. Std. Bolt Hds.	Coach Screws	List Price
810	5/16	No. 6	.....	.....	.....	.....	$0.45
812	3/8	No. 10	.....	.....	.....	.....	.45
814	7/16	.....	1/4	1/4	1/4	.....	.45
816	1/2	1/4	5/16	5/16	.....	.....	.45
818	9/16	.....	3/8	3/8	.....	3/8	.45
820	5/8	.....	7/16	7/16	3/8	.....	.45

Blackhawk Chief Wrench Sockets

Double Hexagon Sockets

Socket Nos.	Socket Opening Inches	U.S.S. Nuts & Bolts Inches	S.A.E. Nuts & Cap Screws Inches	U.S.S. Cap Screws Inches	Each
8414	7/16	.....	1/4	1/4	$0.65
8416	1/2	1/4	5/16	5/16	.65
8418	9/16	.....	3/8	3/8	.65
8419	18/32	5/16	.....	.....	.65
8420	5/8	.....	7/16	7/16	.65
8421	21/32	.....	.....	.....	.65
8422	11/16	3/8	.....	.....	.65
8424	3/4	.....	1/2	1/2	.75
8425	25/32	7/16	.....	.....	.75
8426	13/16	.....	.....	9/16	.75
8428	7/8	1/2	9/16	5/8	.75
8430	15/16	.....	5/8	.....	.85
8431	31/32	9/16	.....	.....	.85
8432	1	.....	11/16	3/4	.85

Square Sockets

8012	3/8	.....	1/4	3/8	.70
8014	7/16	.....	5/16	7/16	.70
8016	1/2	1/4	3/8	1/2	.70
8018	9/16	.....	7/16	9/16	.70
8020	5/8	.....	1/2	5/8	.70

Universal Joint Sockets

90° angle. Easily reaches nuts that are inaccessible to ordinary sockets. Used with 1/2" Q. D. handle.

No.	T16	T18	T20	T22	T24	T26	T28
Hex. Socket Size	1/2	9/16	5/8	11/16	3/4	13/16	7/8
Price	$1.75	1.75	1.75	2.00	2.00	2.00	2.25

No. T2 Universal Joint

Should be in every mechanic's kit. Has 1/2" standard male and female opening—90° angle.

Price, each.....$1.85

No. 110X Offset Handle

5/8" dia. 10 3/16" long. A very sturdy nut fighter with extra heavy knurled grip-built for powerful leverage. 1/2" square end. Price, each.....$1.00

No. 610 Speeder Handle

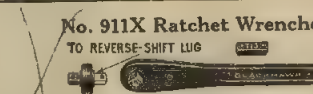
9/16" dia. 19" overall, shank 11".

Price, each.....$1.35

No. 6310. Long Speeder, 1/2" dia. 28" overall, shank 20". Will last a lifetime.

Price, each.....$1.50

No. 911X Ratchet Wrenches



Made from high grade steel, heat treated. Rotating bell and spring in lug engage slots in ratchet wheel and lock lug in same. Will not stick in sockets.

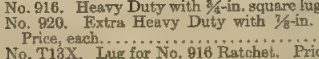
The 1/2" square ratchet lug can easily be pushed to other side, thus changing direction of ratchet. Complete with one ratchet lug.

Price, each.....$3.30

No. T13. Extra Ratchet Lug, weight 2 oz.

Price, each..... .40

Heavy Duty Ratchet Wrenches



No. 916. Heavy Duty with 3/4-in. square lug. ea..$8.50

No. 920. Extra Heavy Duty with 1-in. square lug Price, each.....$14.00

No. T13X. Lug for No. 916 Ratchet. Price, ea. .85

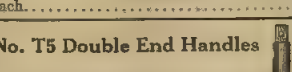
No. T13XX. Lug for No. 920 Ratchet. Each. 1.25

No. 500 Brace Handle

Handle, 1/2-inch diam. 1/2-in. sq. end, 15 5/8 in. overall. May be used with extension bar, universal joint, etc. One piece steel grips.

Price, each.....$1.35

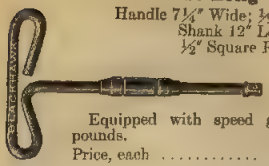
No. T5 Double End Handles



These three Double-End Offsets built on principle of making both ends useful. Weight, 14 oz.; 21/32" dia. 3"x10" long. Price, each.....$0.85

Blackhawk Socket Wrench Set Parts

No. 3310 Long T



Handle 7¼" Wide; ½" Diameter.
Shank 12" Long
½" Square End

Equipped with speed grip, weight 1½ pounds.
Price, each $1.20

Extension Bar

Nos. T6, T8 and T10

No. T 60

Fit all Standard ½" handles, ⅝" diam. Shank.

No.	Length	Price
T 6	6"	$0.75
T 8	8"	.80
T10	10"	.85

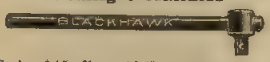
No. T 60 with revolving grip for speeding off nuts and cap screws, 6" long.
Price, each $0.85

Heavy Duty Extension Bars

Bars 13/16" dia., ¾" square Shank, can be used with Q.D. Sockets.
No. T8X. 8½" long. Price, each $1.50
No. T17X. 17" long. Price, each..... 1.60

Extra Heavy Duty Extension Bars.
Bars 1" dia.; ⅞" square Shank can be used with Q. D. Sockets.
No. T8XX. 9" long. Price, each..... $2.00
No. T17XX. 18" long. Price, each..... 6.00

Sliding T Handles



No. T 4. 9/16" dia. 10¼" long. The mechanics favorite. Handle slides freely in Wrench head. When used with extension bar makes either L or T Wrench.
Price, each..... $0.90

Heavy Duty T Handle

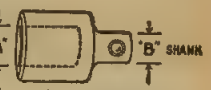
No. T 4 X. Handle 18" long, ¾" sq. end.
Price, each..... 1.75

Extra Heavy Duty T Handle

T4XX T40XX

Friction head retains bar in position– extension bar provides T or L.
No. T4XX. Bar only, 1" dia. 24" long. Each . $2.00
No. T40XX. Friction head and offset adapter for T4XX, ⅞" square lug. Price 3.00

Socket Adapters

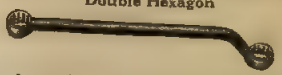


An inexpensive means of increasing, or decreasing, square Shank. Size to suit various square socket openings.

No.	Size, Inches A	Size, Inches B	Used on Handles	Price Each
R7X	5/16	3/4	Increase	$0.90
T9X	7/16	3/4	Increase	.75
T9XX	7/16	7/8	Increase	1.50
T7	3/4	5/8	Decrease	.90
T9	3/4	1/2	Decrease	.75
T90	7/8	5/8	Decrease	1.50

Double End Box Type Wrenches

Double Hexagon



A complete series in sizes from ⅜" to 7/8" inclusive. Same socket size on each end of tool.
Especially adapted to automotive, truck or tractor jobs where height will not permit use of ordinary socket wrenches. Sockets have extremely thin walls. Double hexagon feature allows short bite in close quarters. Same socket sizes at each end of tool.

No.	Socket Size Inch	Price	No.	Socket Size Inch	Price
2712	3/8	$1.70	2722	11/16	$2.45
2714	7/16	1.80	2724	3/4	2.70
2716	1/2	1.95	2725	25/32	3.00
2718	9/16	2.10	2726	13/16	3.00
2719	19/32	2.25	2728	7/8	3.25
2720	5/8	2.35			

Box Type Socket Wrench Sets

No. 2700

Six most popular box type double end wrenches, In serviceable and attractive leatherette roll

Numbers	2714	2716	2718	2720	2722	2724
Socket Size, inches	7/16	1/2	9/16	5/8	11/16	3/4

Price per Set..... $14.60

Blackhawk Rim Wrenches

Deep Four Rim Wrenches

Cross Type

Heat Treated and Electrically Butt-Welded to handle.

No. 5204X—Universal

The master of all rim nut jobs. Equipped with extra deep sockets to get both nuts on tire carriers. Will handle any rim nut job whether wood, disc, or wire wheels. Put one of these in the hands of a prospect and the sale is made. Special overall length of 14½" gives all the clearance needed. Diameter of handle ⅝"—Depth of sockets 1⅝".

Socket sizes ⅝", 11/16", ¾", ⅞" hexagon.

Weight 3 lbs. 4 oz.

Price, each..... **$3.25**

No. 5404X—Universal Ford

⅝-inch Socket for Old Model T, 11/16-inch for Late Model T and Early Model A, 13/16-inch for Late Model A and 1⅛-inch for Model AA Trucks. Overall length 14½ inches.

Sockets 1⅝ inches deep, weight 2 lbs. 10 oz.

Price, each **$3.25**

No. 5104—4 in 1 Universal

Rim Wrench

A heavy duty service tool. Four wrenches in one. Socket changes size by turning socket head. Handle and socket lock in place. No springs or ratchets. Handle of ⅝ in. steel. Quadruple Socket drop forged in one piece. Socket sizes, ⅝, 11/16, ¾ and ⅞ in. hexagon. Packed one wrench in fibre box. Three color lithographed steel display stand with first order of 6 wrenches.

No. 5104. Wrenches (weight, 4½ lbs.)..... **$4.25**

Heavy Duty Rim Wrenches

Have extra deep Sockets with heavy walls. Handles have 5½-inch sweep. Ideal for use in heavy duty live service stations.

Diameter of handles ⅝ inches. Approximate, weight 2½ lbs.

No.	5320	5322	5324	5326	5328
Hexagon, Inches	⅝	11/16	¾	13/16	⅞

Price, each..... **$1.10**

No. 5330. 15/16" hexagon socket. Price, each.... **1.20**

No. 5220 Series Rim Wrenches

These rim wrenches are popular with every car driver.

No.	5220	5222	5224	5226	5228
Size, in.	⅝	11/16	¾	13/16	⅞

Price, each..... **$0.50**

No. 5120 Series

With revolving grips at center and end. Length overall 16¼"—sweep 4⅞".

No.	5120	5122	5124	5126	5128
Size, in.	⅝	11/16	¾	13/16	⅞

Price, each..... **$1.00**

No. 5020 Series

Same as No. 5120 Series less center grip.

No	5020	5022	5024	5026	5028
Size, in.	⅝	11/16	¾	13/16	⅞

Price, each..... **$0.75**

Spark Plug Sockets

Weight 9 oz.

No. 3329. Each..... **$0.62**

Fits all spark plugs with ⅞ and 1 in. hexagon.

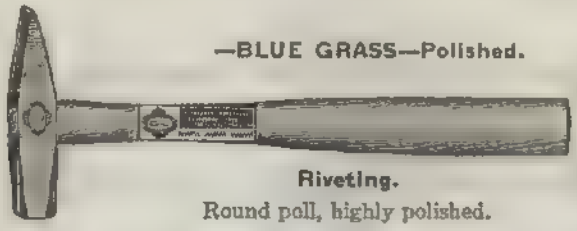
No. 3731. Each **$0.62**

Fits Ford and all other plugs with 13/16 and 1⅛ in. hexagon.

HAMMERS

—BLUE GRASS—

Drop forged from one solid piece of extra quality crucible tool steel; hardened face; hand tempered peins; extra quality second growth white hickory handles, polished and waxed.



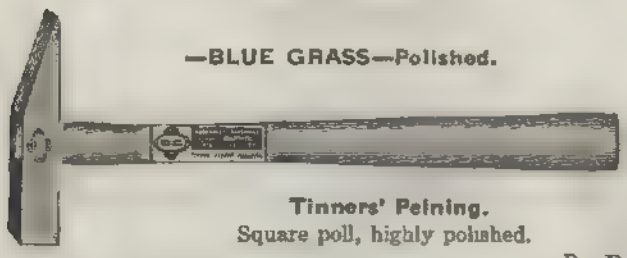
—BLUE GRASS—Polished.

Riveting.

Round poll, highly polished.

Nos.	BG420-0	BG420-1	BG420-2	BG420-3	BG420-4
Size	0	1	2	3	4
Size head, ins	1 1/16x3 3/4	1 1/16x4	1 3/16x4 1/2	1 5/16x4 5/8	1x4 5/8
Wt (no hdls.), ozs	4	7	9	12	15
Wt doz, lbs	5 1/2	8	10	13	16
Per Doz	$27 00	28 50	29 25	30 00	31 50

Half doz in cardboard box.



—BLUE GRASS—Polished.

Tinners' Peining.

Square poll, highly polished.

Per Doz

No. BG422-2—Size 2; size head 7/8x5 ins; wt (no handle) 12 ozs; wt per doz 12 lbs. $31 50

Half doz in cardboard box.

—BLUE GRASS—Polished.

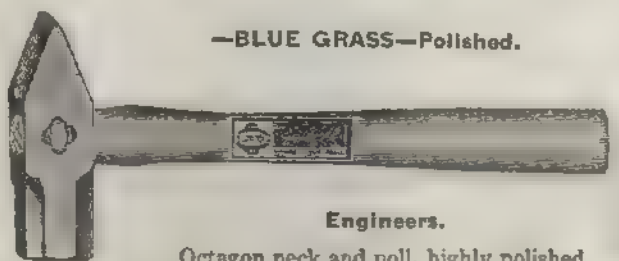
Tinners' Riveting.

Octagon poll, highly polished.

Per Doz

No. BG421-2—Size 2; size head 7/8x5 ins; wt (no handle) 12 ozs; wt per doz 12 lbs. $31 50

Half doz in cardboard box.



—BLUE GRASS—Polished.

Engineers.

Octagon neck and poll, highly polished.

Nos.	BG435-0	BG435-1	BG435-2	BG435-3	BG435-4
Size	0	1	2	3	4
Size head, ins	1 1/16x4	1 1/4x4 1/4	1 1/2x4 5/8	1 1/2x4 3/4	1 3/4x5
Wt (no hdls), lbs	1 1/8	1 5/8	2	2 1/4	3
Wt doz, lbs	19	23	29	34	42
Per Doz	$33 00	36 00	39 00	40 50	42 75

Size 0 half doz, 1 to 4 third doz in cardboard box.

HAMMERS

—BLUE GRASS—

Drop forged from one solid piece of extra quality crucible tool steel; hardened face; hand tempered peins. Extra quality, second growth, white hickory handles, polished and waxed.

—BLUE GRASS—Polished.

Blacksmiths.

Octagon poll, highly polished.

Nos.	BG425-1	BG425-2	BG425-3
Size	1	2	3
Size head, ins	1 3/8x4 1/2	1 1/2x4 1/2	1 5/8x5
Wt (no handles), lbs	2	2 5/8	3
Wt doz, lbs	30	36	42
Per Doz	$39 00	40 50	42 75

Third doz in cardboard box.

—BLUE GRASS—Polished.

Machinists, Octagon Pattern Ball Pein.

Polished head pein and sides, black neck and octagon.

Nos.	BG430-6 0	BG430-5/0	BG430-4 0
Size	6 0	5/0	4/0
Size head ins	1 1/8x2 1/8	3/4x2 1/2	7/8x3
Wt no hdls, lbs	1 1/8	1 1/4	1 3/8
Wt doz, lbs	3	4 1/2	7 1/2
Per Doz	$28 50	28 50	28 50

Nos.	BG430-3/0	BG430-2/0	BG430-1/0	BG430-1
Size	3/0	2/0	1/0	1
Size head, ins	1x3 1/4	1 1/8x3 1/4	1 1/4x4	1 3/8x4 1/8
Wt (no hdls.), lbs	1/2	3/4	1	1 1/4
Wt doz, lbs	9	12	16	19
Per Doz	$28 50	28 50	29 25	31 50

Nos.	BG430-2	BG430-3	BG430-4
Size	2	3	4
Size head, ins	1 1/2x4 1/2	1 5/8x4 5/8	1 7/8x5 3/4
Wt (no hdls.), lbs	1 3/4	1 3/4	2
Wt doz, lbs	23	26	29
Per Doz	$34 50	36 00	39 00

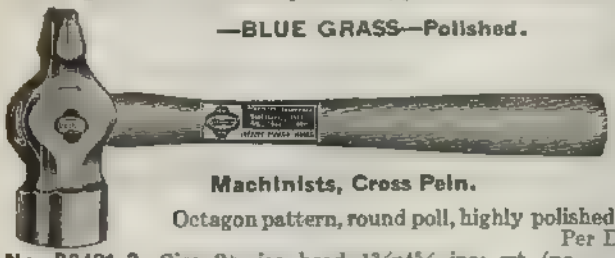
Nos.	BG430-5	BG430-6	BG430-8
Size	5	6	8
Size head, ins	1 5/8x5	1 7/8x5 1/8	1 3/4x5 1/2
Wt (no hdls), lbs	2 1/4	2 1/2	3
Wt doz, lbs	33	38	42
Per Doz	$40 50	44 25	48 00

Size 5/0 to 3/0 half doz, 0 to 6 third doz in cardboard box.

HAMMERS

—BLUE GRASS—

Drop forged from one solid piece of extra quality crucible tool steel; hardened face; hand tempered peins. Extra quality second growth white hickory handles, polished and waxed.



—BLUE GRASS—Polished.

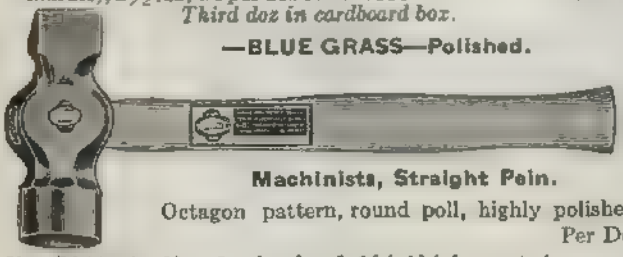
Machinists, Cross Pein.

Octagon pattern, round poll, highly polished.

Per Doz

No. BG431-2—Size 2; size head 1⅜x4⅝ ins; wt (no handle), 1½ lbs; wt per doz 29 lbs..... $39 00

Third doz in cardboard box.



—BLUE GRASS—Polished.

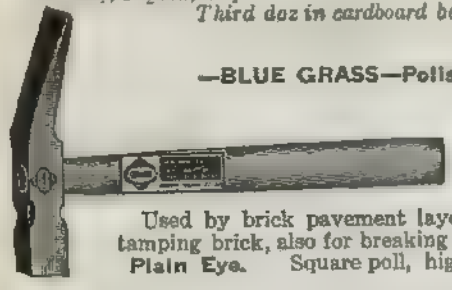
Machinists, Straight Pein.

Octagon pattern, round poll, highly polished.

Per Doz

No. BG440-2—Size 2; size head 1½x4½ ins; wt (no handle), 1½ lbs; wt per doz 25 lbs..... $39 00

Third doz in cardboard box.



—BLUE GRASS—Polished.

Brick Layers.

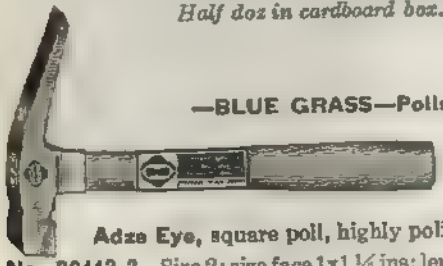
Used by brick pavement layers in sorting and tamping brick, also for breaking and cleaning brick.

Plain Eye. Square poll, highly polished.

Per Doz

No. BG441-2—Size 2; size face 1x1 1/16 ins; length head 6 ins; wt (no handle), 24 ozs; wt per doz 24 lbs..... $35 25

Half doz in cardboard box.



—BLUE GRASS—Polished.

Brick Layers.

Adze Eye, square poll, highly polished. Per Doz

No. BG442-2—Size 2; size face 1x1 1/16 ins; length head 7¼ ins; wt (no handle), 24 ozs; wt per doz 25 lbs..... $39 00

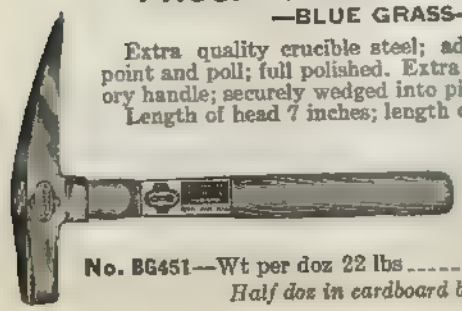
Half doz in cardboard box.

PROSPECTING PICKS

—BLUE GRASS—

Extra quality crucible steel; adze eye; hardened point and poll; full polished. Extra grade white hickory handle; securely wedged into pick.

Length of head 7 inches; length over all 13 inches.



Per Doz

No. BG451—Wt per doz 22 lbs..... $48 75

Half doz in cardboard box.

HAMMERS

—BLUE GRASS—

Drop forged from one solid piece of extra quality crucible tool steel; hardened face; hand tempered claws; rigidly tested. Extra quality, second growth, white hickory handles, polished and waxed.

—BLUE GRASS—Gun Metal Finish.

Nail.

Adze eye, round neck, bell poll.

Nos.	BG911	BG911½	BG912	BG913
Size	1	1½	2	3
Diam face, ins	1⅛	1	15/16	15/16
Wt (no hdls), ozs	20	16	13	7
Wt doz, lbs	22½	18	14	10
Per Doz	$37 50	36 00	34 50	31 50

Half doz in cardboard box.

—BLUE GRASS—Gun Metal Finish.

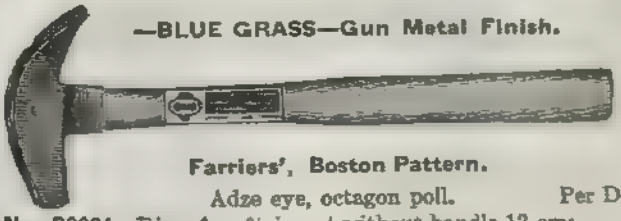
Farriers'.

Adze eye, octagon poll. Per Doz

No. BG933—Diam face 9/16 in; wt without handle 7 ozs; wt per doz 8½ lbs..... $31 50

No. BG935—Diam face ⅝ in; wt without handle 10 ozs; wt per doz 10¾ lbs..... 33 00

Half doz in cardboard box.



—BLUE GRASS—Gun Metal Finish.

Farriers', Boston Pattern.

Adze eye, octagon poll. Per Doz

No. BG934—Diam face 9/16 in; wt without handle 13 ozs; wt per doz 17 lbs..... $34 50

Half doz in cardboard box.

—BLUE GRASS—Gun Metal Finish.

Riveting.

Octagon poll.

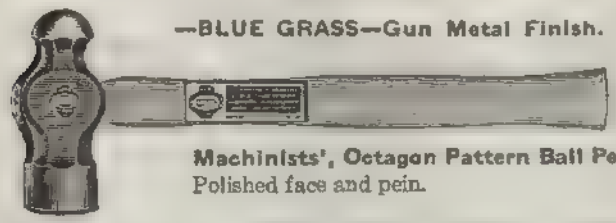
Nos.	BG940	BG941	BG942	BG943
Size	0	1	2	3
Size head, ins	½x3¾	11/16x4	5/8x4¼	13/16x4⅜
Wt (no hdls.), ozs	4	7	9	12
Wt doz, lbs	5½	8	10	13
Per Doz	$25 50	27 00	27 00	28 50

Half doz in cardboard box.

HAMMERS

—BLUE GRASS—

Drop forged from one solid piece of extra quality crucible tool steel, hardened face, hand tempered peins. Extra quality second growth white hickory handles, polished and waxed.



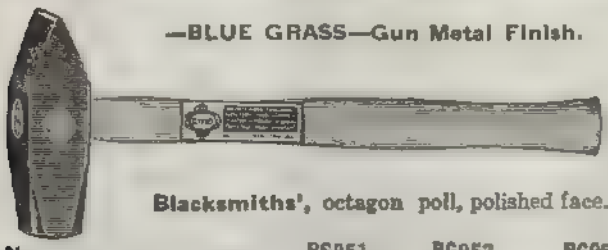
—BLUE GRASS—Gun Metal Finish.

Machinists', Octagon Pattern Ball Pein.
Polished face and pein.

Nos.	BG960¼	BG960½	BG960	BG961
Size	000	00	0	1
Size head, ins	1x3¼	1⅛x3¼	1¼x4⅛	1⅜x4¾
Wt (no handles), lbs	¾	¾	1	1¼
Wt per doz, lbs	10½	14	16	20
Per Doz	$27 00	27 00	27 75	30 00

Nos.	BG962	BG963	BG964	BG966
Size	2	3	4	6
Size head, ins	1½x4½	1⅝x4⅝	1⅝x4¾	1¾x5⅛
Wt (no handles), lbs	1½	1¾	2	2½
Wt per doz, lbs	24	26	28	32
Per Doz	$33 00	34 50	37 50	42 75

Size 000 and 00 Half doz, 0 to 6 Third doz in cardboard box.

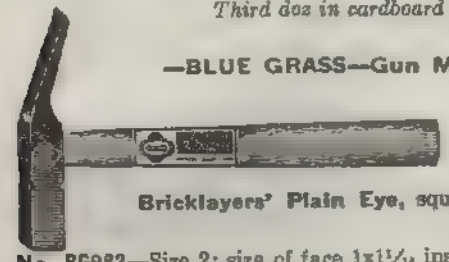


—BLUE GRASS—Gun Metal Finish.

Blacksmiths', octagon poll, polished face.

Nos.	BG951	BG952	BG953
Size	1	2	3
Size head, ins	1⅜x4½	1½x4½	1⅝x5
Wt (no handles), lbs	2	2⅝	3
Wt per doz, lbs	30	36	42
Per Doz	$37 50	39 00	41 25

Third doz in cardboard box.



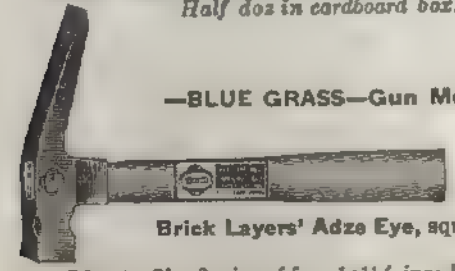
—BLUE GRASS—Gun Metal Finish.

Bricklayers' Plain Eye, square poll.

Per Doz

No. BG982—Size 2; size of face 1x1 1/16 ins; length head 7 ins; wt (no handle 24 ozs, wt per doz 24 lbs .. $33 75

Half doz in cardboard box.



—BLUE GRASS—Gun Metal Finish.

Brick Layers' Adze Eye, square poll.

Per Doz

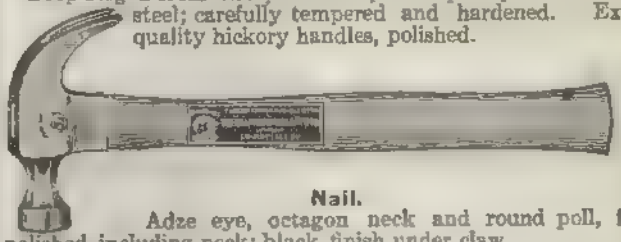
No. BG984—Size 2; size of face 1x1 1/16 ins; length of head 7¼ ins; wt (no handles) 24 ozs; wt per doz 25 lbs... $37 50

Half doz in cardboard box.

HAMMERS

—PINE KNOT—

Drop forged from one piece of special quality crucible tool steel; carefully tempered and hardened. Extra quality hickory handles, polished.



Nail.
Adze eye, octagon neck and round poll, full polished including neck; black finish under claw.

Nos.	8131	8131½	8132
Size	1	1½	2
Diam face, ins	1⅛	1	15/16
Wt (no handles), ozs	20	16	13
Wt per doz, lbs	22½	18	14
Per Doz	$37 50	36 00	35 25

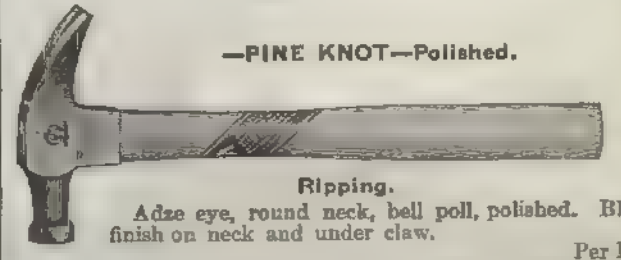
Half doz in cardboard box.

—PINE KNOT—Polished.

Nail.
Adze eye, round neck, bell poll, polished. Black finish on neck and under claw.

Nos.	811	811½	812	813
Size	1	1½	2	3
Diam face, ins	1 1/16	1	15/16	13/16
Wt (no handles), ozs	20	16	13	7
Wt per doz, lbs	21	17½	14	10
Per Doz	$33 00	31 50	30 00	29 25

Half doz in cardboard box.



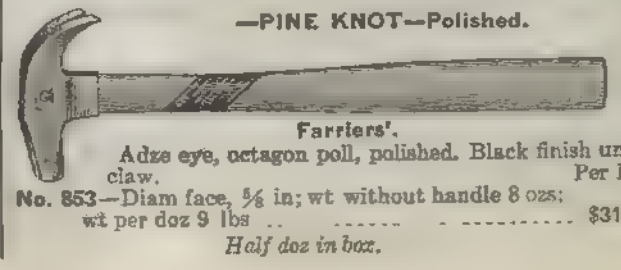
—PINE KNOT—Polished.

Ripping.
Adze eye, round neck, bell poll, polished. Black finish on neck and under claw.

Per Doz

No. 814—Size 1, diam face 1 in; wt without handle 16 ozs; wt per doz 18 lbs $31 50

Half doz in box.



—PINE KNOT—Polished.

Farriers'.
Adze eye, octagon poll, polished. Black finish under claw.

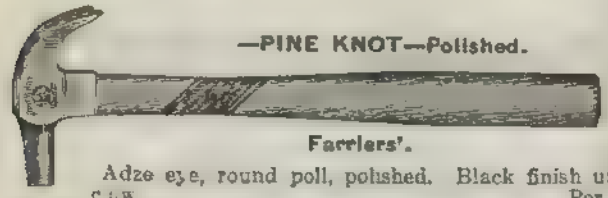
Per Doz

No. 853—Diam face, ⅝ in; wt without handle 8 ozs; wt per doz 9 lbs $31 50

Half doz in box.

HAMMERS
—PINE KNOT—

Drop forged from one piece of special quality crucible tool steel; carefully tempered and hardened. Extra quality hickory handles, polished.



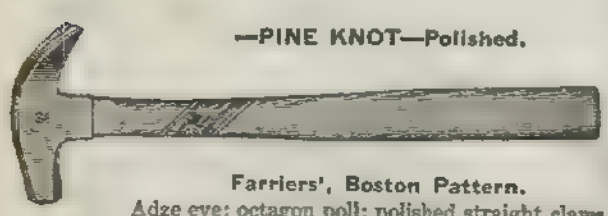
—PINE KNOT—Polished.

Farriers'.

Adze eye, round poll, polished. Black finish under claw.

	Per Doz
No. 854—Diam face 5/16 in; wt without handle 8 ozs; wt per doz 9 lbs	$31 50

Half doz in box.



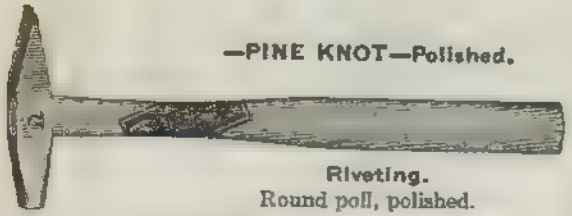
—PINE KNOT—Polished.

Farriers', Boston Pattern.

Adze eye; octagon poll; polished straight claws.

	Per Doz
No. 855—Diam face 5/8 in; wt without handle 10 ozs; wt per doz 9 lbs	$36 00

Half doz in box.



—PINE KNOT—Polished.

Riveting.

Round poll, polished.

Nos.	840	841	842	843
Size	0	1	2	3
Size head, ins	1/2x3 1/4	11/16x4	3/4x4 1/4	13/16x4 3/8
Wt (no handles), ozs	4	7	9	12
Wt doz, lbs	5	10	11	13
Per Doz	$26 25	27 00	27 75	28 50

Half doz in cardboard box.

—PINE KNOT—Polished.

Tinners' Peining.

Square poll, polished.

Nos.	887	888
Size	1	2
Size head, ins	3/4x5	7/8x5
Wt (no handles), ozs	8	12
Wt doz, lbs	9	14
Per Doz	$28 50	29 25

Half doz in cardboard box.

HAMMERS
—PINE KNOT—

Drop forged from one piece of special quality crucible tool steel, carefully tempered and hardened. Extra quality white hickory handles, polished.

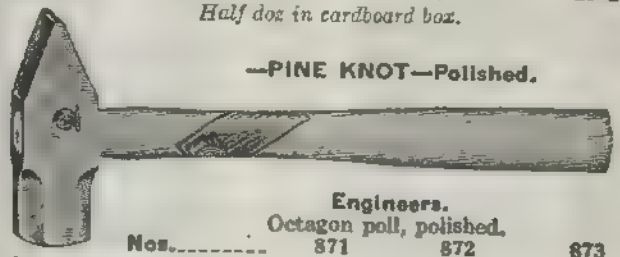
—PINE KNOT—Polished.

Tinners' Riveting.

Octagon poll, polished.

Nos.	885	886
Size	1	2
Size head, ins	3/4x3 1/2	7/8x4
Wt (no handles), ozs	8	12
Wt doz, lbs	8 1/2	12 1/2
Per Doz	$28 50	29 25

Half doz in cardboard box.



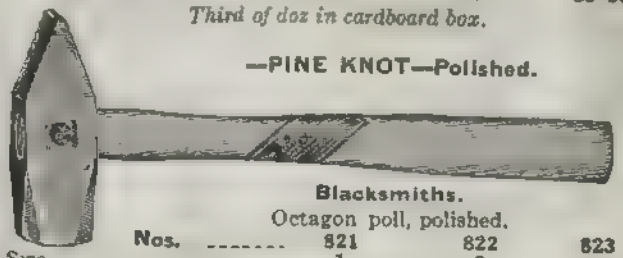
—PINE KNOT—Polished.

Engineers.

Octagon poll, polished.

Nos.	871	872	873
Size	1	2	3
Size head, ins	1 1/4x4 1/4	1 1/2x4 5/8	1 5/16x4 3/4
Wt (no handles), lbs	1 5/8	2	2 1/2
Wt doz, lbs	23	29	34
Per Doz	$34 50	37 50	39 00

Third of doz in cardboard box.



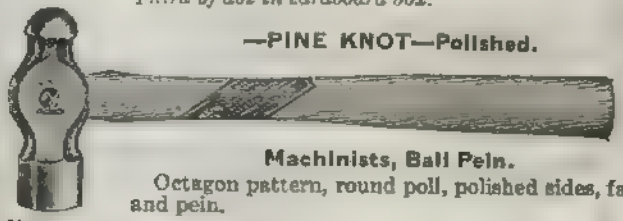
—PINE KNOT—Polished.

Blacksmiths.

Octagon poll, polished.

Nos.	821	822	823
Size	1	2	3
Size head, ins	1 5/8x4 1/2	1 1/2x4 1/2	1 5/8x5
Wt (no handles), lbs	2	2 5/8	3
Wt doz, lbs	30	36	42
Per Doz	$37 50	39 00	41 25

Third of doz in cardboard box.



—PINE KNOT—Polished.

Machinists, Ball Pein.

Octagon pattern, round poll, polished sides, face and pein.

Nos.	859 1/4	859 1/2	859 3/4	860	861
Size	0	0	0	0	1
Size head, ins	15/16x3	1x3 1/4	1 1/4x3 1/4	1 1/4x4 1/8	1 5/8x4 3/8
Wt (no hdles), lbs	5/8	3/4	3/4	1	1 1/4
Wt doz, lbs	7	9	13 3/4	16	21
Per Doz	$26 25	26 25	26 25	27 75	30 00
Nos.	**862**	**863**	**864**	**865**	**866**
Size	2	3	4	5	6
Size head, ins	1 3/4x4 1/2	1 9/16x4 5/8	1 5/8x4 3/4	1 5/8x5	1 3/4x5 1/8
Wt (no hdles), lbs	1 1/2	1 3/4	2	2 1/4	2 1/2
Wt doz, lbs	23	28	30 1/2	33	37 1/2
Per Doz	$31 50	33 00	35 25	37 50	40 50

Nos. 859 1/4, 859 1/2, 859 3/4, half doz in cardboard box; balance 1/3 doz in cardboard box.

HAMMERS
—PINE KNOT—

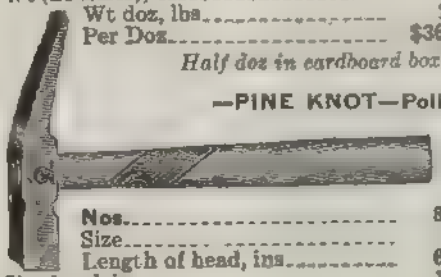
Drop forged from one piece of special quality crucible tool steel; carefully tempered and hardened. Extra quality, hickory handles, polished.

—PINE KNOT—Polished.

Brick Layers. Adze eye, square poll, polished.

Nos.	8191	8192
Size	1	2
Length of head, ins	7½	8
Size head, ins	1¼x1	1⅜x1⅛
Wt (no hdles), ozs	24	30
Wt doz, lbs	23	27
Per Doz	$36 00	37 50

Half doz in cardboard box.



—PINE KNOT—Polished.

Brick Layers. Plain eye, square poll, polished.

Nos.	891	892
Size	1	2
Length of head, ins	6½	6½
Size head, ins	1x1	1⅛x1⅛
Wt (no hdles), ozs	21	26
Wt per doz, lbs	21	24
Per Doz	$33 00	34 50

Half doz in cardboard box.

KEYSTONE

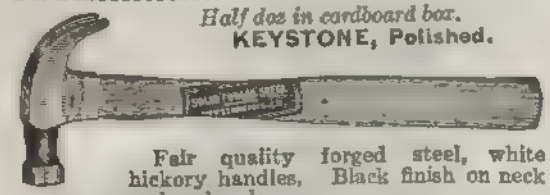
Nail.

First quality forged steel, full polished finish, black under claw, white hickory handle. Adze eye, round neck, octagon poll.

Nos.	22K	21K
Size	2	1½
Wt No Handles), ozs	18	16
Wt per doz, lbs	16	19
Per Doz	$27 75	28 50

Half doz in cardboard box.

KEYSTONE, Polished.



Nail.

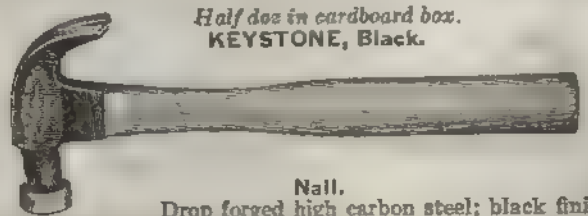
Fair quality forged steel, white hickory handles. Black finish on neck and under claw.

Adze eye, round neck, bell poll.

Nos.	13½K	12½K	11½K	10½K
Size	3	2	1½	1
Wt (no hdles), ozs	7	13	16	20
Wt per doz, lbs	11½	16	19	22
Per Doz	$24 00	24 75	25 50	27 00

Half doz in cardboard box.

KEYSTONE, Black.



Nail.

Drop forged high carbon steel; black finish polished head and claw; hickory handle. Per Doz

No. 001½K—Size 1½; wt (no hdles) 16 ozs; wt per doz 18 lbs $14 25

Half doz in cardboard box; twelve doz in case.

HAMMERS
—TRANS-ATLANTIC—

Nail.

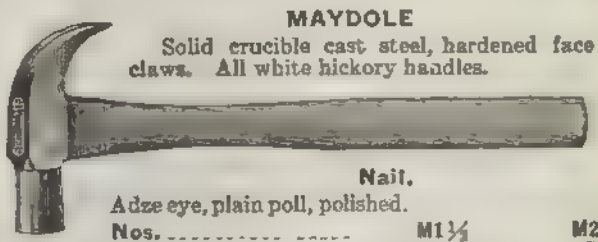
Special analysis forged steel, tempered and hardened, black finish. Adze eye, bell poll. Good grade hickory handle. Length over all 13 inches. Per Doz

No. 1½TA—Size 1½. Wt (no hdles) 16 ozs; wt per dozen 16 lbs $11 70

Half doz in cardboard box.

MAYDOLE

Solid crucible cast steel, hardened face and claws. All white hickory handles.



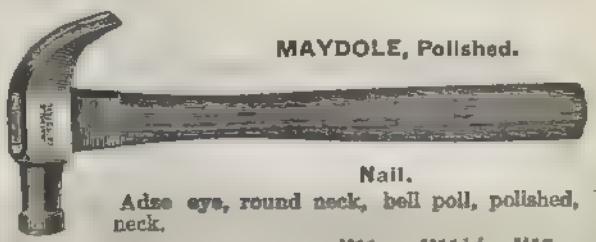
Nail.

Adze eye, plain poll, polished.

Nos.	M1½	M2
Size	1½	2
Wt (no handles), ozs	16	18
Wt per doz, lbs	15	14
Per Doz	$41 55	39 00

Half doz in cardboard box.

MAYDOLE, Polished.



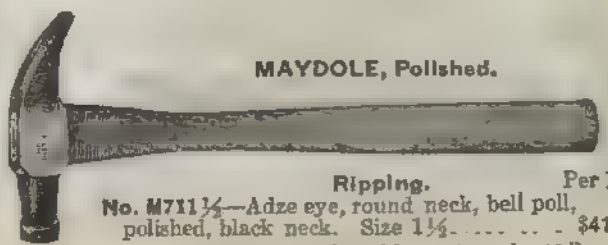
Nail.

Adze eye, round neck, bell poll, polished, black neck.

Nos.	M11	M11½	M12	M13
Size	1	1½	2	3
Wt (no handles), ozs	20	16	12	7
Wt per doz, lbs	21	18	12	9
Per Doz	$45 00	41 55	39 00	34 65

Half doz in cardboard box.

MAYDOLE, Polished.



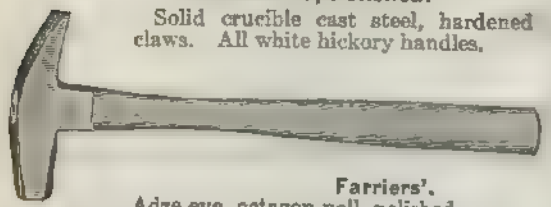
Ripping. Per Doz

No. M711½—Adze eye, round neck, bell poll, polished, black neck. Size 1½ $41 55

Half doz in cardboard box; wt per doz 18 lbs.

HAMMERS

MAYDOLE, Polished.



Solid crucible cast steel, hardened face and claws. All white hickory handles.

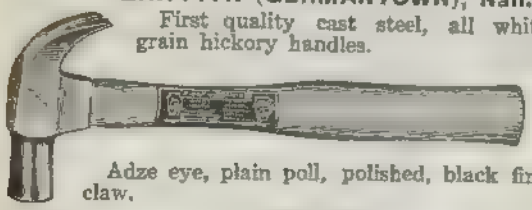
Farriers'.

Adze eye, octagon poll, polished. Per Doz

No. M152—Diam of face 5/16 in; wt without handle 10 ozs; wt with handle per doz 11 lbs..... $39 90

Half doz in cardboard box.

GRIFFITH (GERMANTOWN), Nail.



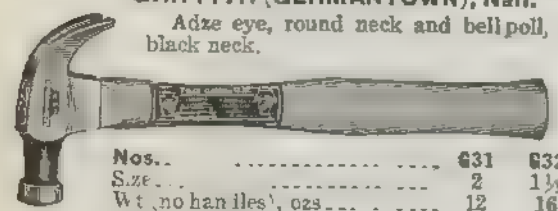
First quality cast steel, all white straight grain hickory handles.

Adze eye, plain poll, polished, black finish under claw.

No.	G22
Size	1½
Wt (no handles), ozs	16
Wt per doz, lbs	19½
Per Doz	$39 00

Half doz in box.

GRIFFITH (GERMANTOWN), Nail.



Adze eye, round neck and bell poll, polished, black neck.

Nos.	G31	G32	G33
Size	2	1½	1
Wt (no handles), ozs	12	16	20
Wt per doz, lbs	15½	19	20
Per Doz	$36 00	39 00	40 50

Half doz in box.

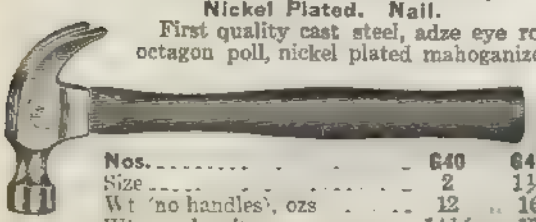
GRIFFITH (GERMANTOWN), Nail.

Adze eye, round neck and octagon poll, polished, black neck, white hickory handles.

Nos.	G34	G35	G36
Size	2	1½	1
Wt (no handles), ozs	12	16	20
Wt per doz, lbs	12	17¼	19
Per Doz	$42 00	45 00	46 50

Half doz in box.

GRIFFITH (GERMANTOWN) Nickel Plated. Nail.



First quality cast steel, adze eye round neck, octagon poll, nickel plated mahoganized hickory handles.

Nos.	G40	G41	G42
Size	2	1½	1
Wt (no handles), ozs	12	16	20
Wt per doz, lbs	14½	18	20
Per Doz	$48 00	51 00	54 00

Half doz in box.

HAMMERS

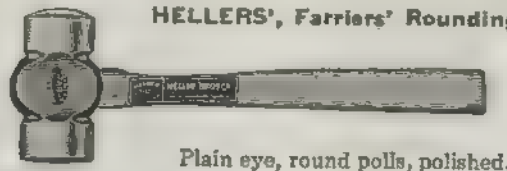
HELLERS', Farriers' Driving.

Crucible cast steel. White straight grain hickory handles. Per Doz

No. 64—Adze eye, octagon poll, fire blued finish; wt without handle 15 ozs..... $49 50

Half doz in cardboard box; wt per doz 18 lbs.

HELLERS', Farriers' Rounding.

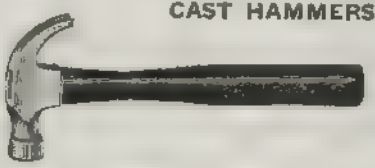


Plain eye, round polls, polished.

Nos.	61-2	61-2½
Wt (no handle), lbs	2	2½
Wt per doz, lbs	24	30
Per Doz	$79 50	79 50

Quarter doz in cardboard box.

CAST HAMMERS, Nickel Plated.



Nail.

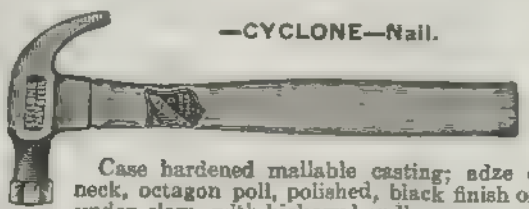
Cast iron, nickel plated, adze eye, round neck, octagon poll, ebonized hardwood handle.

Per Doz

No. 75—Wt 8 ozs, with handle; wt per doz 6¼ lbs..... $5 25
No. 76—Wt 15 ozs, with handle; wt per doz 12½ lbs..... 6 60
No. 79—Wt 19 ozs, with handle; wt per doz 15½ lbs..... 9 00

No. 75, one doz, No. 76 and 79, half doz in box; 1 gro in case.

—CYCLONE—Nail.

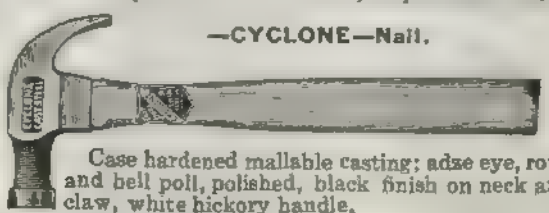


Case hardened mallable casting; adze eye, round neck, octagon poll, polished, black finish on neck and under claw, with hickory handle. Per Doz

No. C01½—Size 1½, wt without handle 16 ozs..... $12 75

Half doz in cardboard box; wt per doz 18 lbs.

—CYCLONE—Nail.

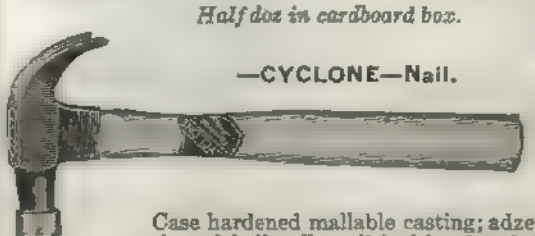


Case hardened mallable casting; adze eye, round neck and bell poll, polished, black finish on neck and under claw, white hickory handle. Per Doz

No. C1½—Size 1½, wt without handle 16 ozs, wt per doz 18 lbs..... $11 25

Half doz in cardboard box.

—CYCLONE—Nail.



Case hardened mallable casting; adze eye; round neck and bell poll; polished head and claws; black finish, hickory handle. Per Doz

No. C2½—Size 1½; wt each without handle 16 ozs..... $9 00

Half doz in box; wt per doz 18 lbs.

TOOL BOXES

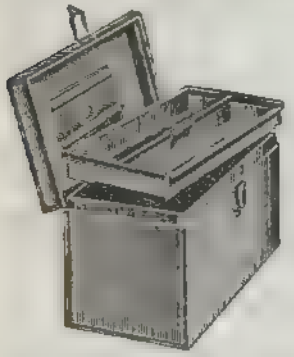
ELECTRICIAN'S KITS, KENNEDY'S

24 gauge steel case, brown baked enamel finish. Fitted brass corners, side catches, Corbin multiple change notch locks and steel leather covered handles. These cases have a divided spacing at one end for blow torch and ledge rests at top case for tray to carry drills, bits and small parts. Have ample space at bottom for heavy tools, material, etc.

	Each
No. 319—Size 19x8x9 ins; wt each 12 lbs	$12 00
No. 321—Size 21x8x9 ins; wt each 13 lbs	12 00

One in carton.

HOME OR FARM KIT, KENNEDY'S



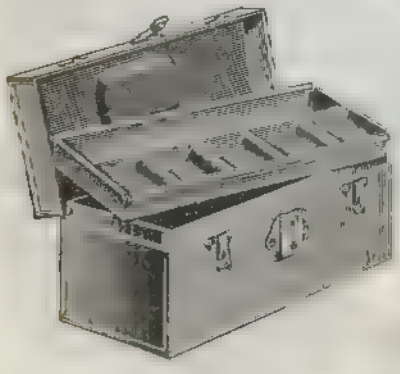
24 gauge steel case, 26 gauge steel tray, brown baked enamel finish. Snug fitting tray divided into compartments for small tools and parts.

With multiple change lock and leather handle, reinforced with steel core. An excellent box for home or farm use.

	Each
No. K-16—Size 16x8x9 ins; wt each 11 lbs	$7 95
No. K-19—Size 19x8x9 ins; wt each 12 lbs	8 25
No. K-22—Size 22x8x9 ins; wt each 13 lbs	8 70

One in carton.

HANDY-MAN, KENNEDY'S



26 gauge steel case, with welded ends, brown baked enamel finish.

Equipped with tray, steel handle and two side catches.

A handy kit for repairmen or for use around the farm, home, office or store, for valuable papers, tourists supplies, shotgun shells or fishing tackle box.

	Each
No. KK14—Size 6x6¼x14 ins	$3 60

Wrapped in paper, six in carton; wt each 4 lbs

PLASTERERS AND PAPERHANGERS CASES, KENNEDY'S

26 gauge steel case, reinforced, brown baked enamel finish. With multiple change lock, side catches, corner irons and leather handle, reinforced with steel core. Adapted for plasterers, paperhangers, decorators and enginemen.

	Each
No. 424—Size 24x8x14 ins	$12 75

One in carton; wt each 13 lbs

TOOL BOXES

MACHINISTS CASES, KENNEDY'S

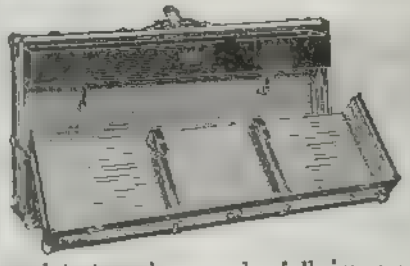
22 gauge steel case, reinforced, brown baked enamel finish. Fitted with seven drawers, lined with good quality felt so that fine tools will not come in contact with the steel. Drawers run on rails which will not break down when heavily loaded.

With multiple change lock, corner irons and brass drawer pulls.

	Each
No. 519—Size 19x8x-12½ ins	$39 00

One in carton; wt each 25 lbs.

CARPENTERS BOXES, UNION

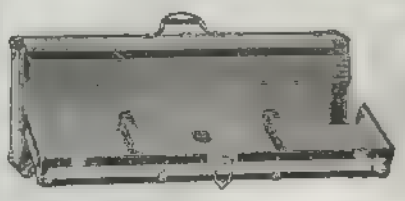


Three-ply lock corner constructed Douglas fir frame covered with zinc, all edges bound with black enameled angle iron. Corners reinforced with brass plated angles. Strong lock, hinges and catches and strong ring handle. Large enough to accommodate two planes and a full size saw.

	Each
No. Z732—Size 32x16¼x7 ins	$26 25

One in carton; wt each 15 lbs.

CARPENTER'S BOXES, UNION

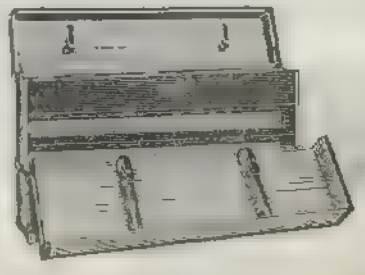


Three-ply lock corner constructed Douglas fir frame covered with zinc. Edges bound with black enameled angle iron; corners reinforced with brass plated angles; strong lock hinges and catches. Large enough to accommodate two planes and a full size saw.

	Each
No. Z832—Size 32x12x6¼ ins	$24 00

One in carton; wt each 12 lbs.

CARPENTER'S BOXES, UNION



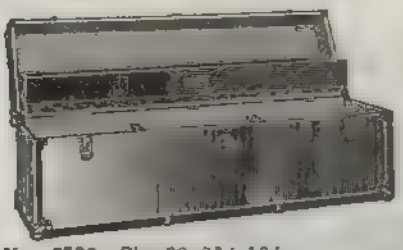
Three-ply lock corner constructed Douglas fir frame covered with zinc. Edges bound with black enameled angle iron. Corners reinforced with brass plated angles. Strong lock, hinges and catches, accommodates two planes and a full size saw.

	Each
No. Z632—Size 32x16¼x7 ins	$30 00

One in carton; wt each 18 lbs.

TOOL BOXES

CARPENTERS SHOULDER BOXES, UNION



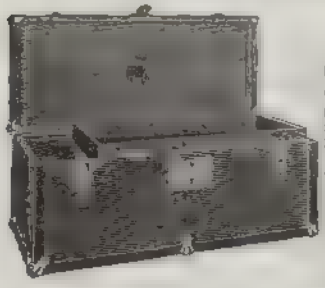
Three-ply lock corner constructed Douglas fir frame covered with zinc; blackenameled angle iron edges; brass plated corners; strong lock, hinges and catches. Long enough for a full size saw.

Each

No. Z532—Size 32x8¾x10 ins..... $22 50

One in carton; wt each 15 lbs.

UNION



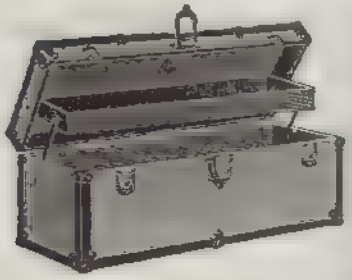
Three-ply lock corner construction douglas fir frame covered with olive green enameled sheet steel. All edges finished with black steel binding, bottom and corners reinforced with brass plated angle irons. Steel center, ring type leather covered carrying handle. Removable metal tray 8x15 inches long. Single change lock with two nickel plated steel keys.

Each

No. G1-222—Length 22 ins; depth 8½ ins; width 8 ins..... $10 50

One in carton; wt each 9 lbs.

UNION



Three-ply lock corner construction douglas fir frame covered with zinc. All edges finished with black steel binding, bottom and corners reinforced with brass plated angle irons. Steel center, ring type leather covered carrying handle. Fitted with automatic steel tray that raises and lowers with the top always remaining level and out of the way. Multiple change flat key hasp type lock with 2 flat nickel plated steel keys.

Nos.	Z-222	Z-225
Size outside, ins.	22x8x8½	25x8x8½
Size tray, ins	20¼x4x1½	23¼x4x1½
Wt each, lbs	9½	10¼
Each	$15 75	17 25

One in carton.

TOOL SETS

STANLEY

7 Piece Set.

Practical tools, for use around the house, on the farm, etc. Set consists of cardboard display box and the following:

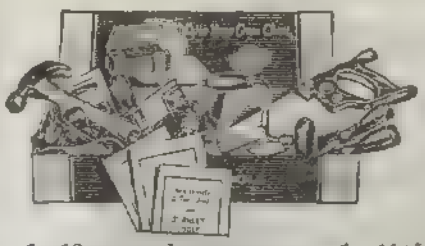
1—10 ounce hammer
1—24 inch rule
1—4 inch screw driver
1—14 inch hand saw
1—8 inch bit brace
1—⅜ inch auger bit
1—Marking gauge
1—Package wiggle nails
1—Pair hinges with screws

Per Set

No. 907—Wt per set 7 lbs..... $10 50

One set in cardboard box, one box in shipping carton.

TOOL SETS



STANLEY

12 Piece Set.

Practical tools, for use around the house, on the farm, etc.

Set consists of cardboard display box and the following:

1—13 ounce hammer
1—24 inch rule
1—4 inch screw driver
1—⅜ inch chisel
1—¾ inch chisel
1—14 inch hand saw
1—7 inch block plane
1—4½ inch try square
1—Marking gauge
1—8 inch bit brace
1—¼ inch auger bit
1—⅜ inch auger bit
1—Package wiggle nails
1—Pair hinges with screws

Per Set

No. 906—Wt per set 9 lbs..... $21 00

One set in cardboard box, one box in shipping carton

STANLEY

10 Piece Set.

Wood chest, painted blue and yellow.

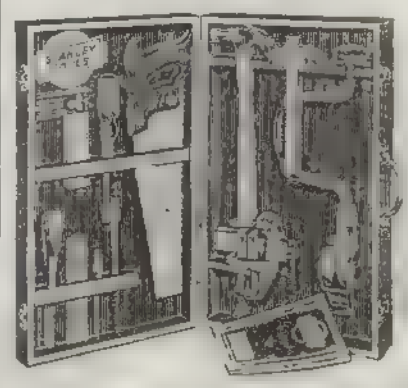
Set consists of the following:

1—Block plane
1—10 ounce hammer
1—4 inch screw driver
1—Rule
1—8 inch bit brace
1—Gauge
1—4½ inch try square
1—Awl
1—⅜ inch auger bit
1—14 inch panel saw

Per Set

No. 914—Size chest 20¼x8½x4⅜ ins deep..... $20 25

One set in wood chest, one chest in carton; wt per set 9 lbs.



STANLEY

12 Piece Set.

Solid oak chest, mahogany stained finish. Set consists of the following:

1—10 ounce hammer
1—4 inch screw driver
1—24 inch rule
1—14 inch hand saw
1—Marking gauge
1—5½ inch block plane
1—¾ inch chisel
1—8 inch bit brace
1—¼ inch auger bit
1—⅜ inch auger bit
1—Vise
1—Package of corrugated fasteners

Per Set

No. 904—Size chest 19½x11⅜x4½ ins deep..... $30 00

One set in cabinet, one cabinet in wood case; wt per set 15 lbs.

D 1

TOOL CHESTS COMPLETE

Especially intended for home use, on the farm, manual training students, etc. Made up by us of strictly serviceable tools. Packed in our No. 32 tool box which is made of high grade steel, black enameled, fitted with riveted hinges; welded concealed lock and steel tray (as illustrated above).

14 Piece Outfit In No. 32 Chest.

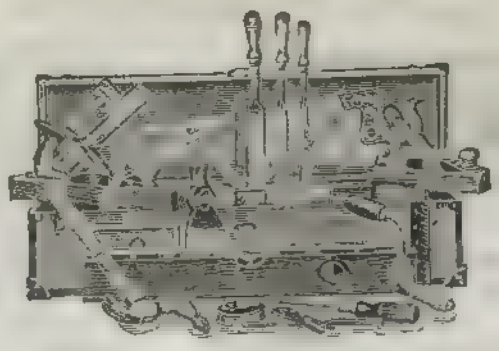
One each of the following tools:

No. 430-½—**Pine Knot** Chisel
No. 700-6—**Pine Knot** Pliers
No. 012—**Pine Knot** Gimlet Bit
No. 1½TA—**Trans-Atlantic** Hammer
No. 22—**Keystone** Hatchet
No. 110—**Stanley** Plane
No. 5TA-16—**Trans-Atlantic** Panel Saw
No. 667C—Coping Saw
No. 150—Level
No. 2—Plumb Bob
No. 68—Rule
No. 2530-3—Screw Driver
No. 109—Wrench.
No. 116—Cold Chisel

Per Set

No. 324—As described; wt per set about 18 lbs **$19 50**

TOOL CHESTS COMPLETE



25 Piece Outfit In No. Z-225 Chest.

Wooden chest, zinc covered; edges and corners bound and reinforced; fitted with ring handle, lock, catches and hinges strongly riveted to box (for illustration see page 138).

Includes 25 serviceable tools (one each) as follows:

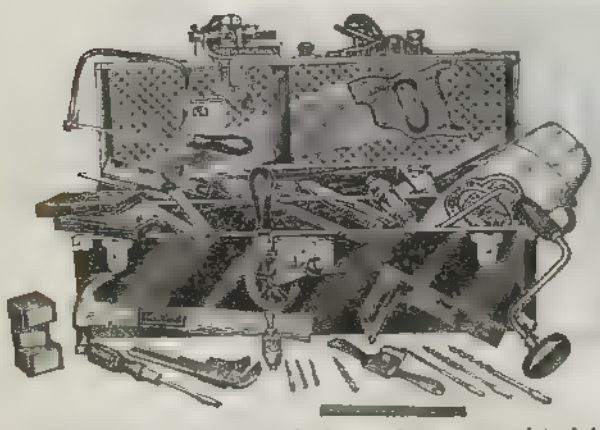
Blue Grass.

No. 47-20—Panel Saw
No. 47-1½—Nail Hammer
No. 421—Shingling Hatchet
No. 338—Bit Brace
No. 47-¼—Auger Bit
No. 47-⅜—Auger Bit
No. 47-½—Auger Bit
No. 47-¾—Auger Bit
No. 20-⅛—Gimlet Bit
No. 847-½—Chisel
No. 401-11—Drill Bit
No. 847-¼—Chisel
No. 847-1—Chisel
No. 474—Rule
No. 51—Level
No. 50-6—Screw Driver
No. 147—6 in. Pliers
No. 20—6 in. **Stanley** Try Square
No. 220—**Stanley** Block Plane
No. 26—**Stanley** Plane
No. 94—**Miller Falls** Hand Drill
No. 733—**Lufkin** Tape
No. 84—**Washita** Oil Stone
No. 21—**Trojan** Wrench
No. 4—Hollow Handle with Tool

Per Set

No. 65—As described; wt per set about 24 lbs **$84 00**

TOOL CHESTS COMPLETE



A good serviceable set for the home, farm, manual training, students, etc.

Three ply wood case, lock corners, green enameled, metal covered; black metal binding reinforced with brass plated corner irons; brass plated back and catches, strong ring handle; fitted with metal tray. Length 22 inches; width 8 inches; depth 8 inches.

33 Piece Outfit In No. G1-222 Chest.

One each of the following tools:

Blue Grass.

No. 47—Carpenters Apron
No. 401-⅛—Drill Bit
No. 401-5/32—Drill Bit
No. 401-3/16—Drill Bit
No. 50-4—Screw Driver
No. 6—Half Round Bastard File and Handle

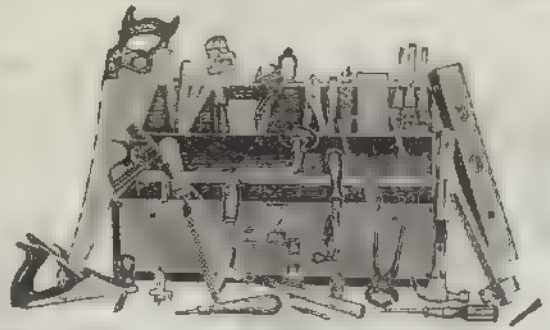
Pine Knot.

No. 701—Pliers
No. PK21-¼—Auger Bit
No. PK21-⅜—Auger Bit
No. PK21-½—Auger Bit
No. PK6½—Coping Saw
No. 271—**Cyclone** Bit Brace
No. 5TA-16—**Trans-Atlantic** Panel Saw
No. 110K—**Keystone** Plane
No. 44—**Keystone** Socket Firmer Chisels in Set ¼, ½, ¾ and 1 in.
No. 11½TA—**Trans-Atlantic** Hammer
No. 3TA—**Trans-Atlantic** Hand Drill
No. B68—**Lufkin** Rule
No. 435—**Mayhew** Nail Set
No. 1—**Stearn** spoke Shave
No. 61—**Stanley Marking** Gauge
No. F6—**Fox** Try Square
No. 643-2—**Hardy** Bench Vise
No. 43—5x2 Mounted Oil Stone
No. 10—Schriber
No. 109—Wrench
No. 7CU—Carpenter Pencil
No. ¾-18—Nails ¼ lb. pkg.
No. 1-17—Nails ¼ lb. pkg.
No. ½-20—Nails ¼ lb. pkg.

Per Set

No. G1-222-33—As described; wt per set about 24 lbs. **$40 50**

TOOL CHESTS COMPLETE



Wooden chest, zinc covered; edges and corners bound and reinforced; fitted with ring handle, lock, catches and hinges strongly riveted to box (for illustration see page No. 138).

32 Piece Outfit in No. Z-225 Chest.

Includes 31 serviceable tools, (one each) as follows:

Blue Grass.

No. BG47-18—Panel Saw
No. BG476—Rule
No. BG47-¼ Auger Bit
No. BG47-⅜—Auger Bit
No. BG15-2—Gimlet Bit
No. BG447-16—Level
No. BG420-0—Riveting Hammer
No. BG47-2—Nail Hammer
No. BG10—Countersink
No. BG50-4—Screw Driver
No. BG47-¾—Cold Chisel
No. BG6C—Sharpening Stone
No. BG447-¼—Chisel
No. BG447-½—Chisel
No. BG447-1—Chisel
No. BG8—8 in. Mill File
No. BG37-2—Nail Set
No. BG401-11—Drill Bit
No. BG45—Expansion Bit
No. BG147-6—Pliers
No. 48-8—**Pine Knot** Carpenter Pincers
No. 3410—**Pine Knot** Bit Brace
No. 3—**Stanley** Plane
No. 61—**Stanley** Marking Gauge
No. 1—**Miller Falls** Hand Drill
No. 65-12—**Lufkin** Square
No. 78—**Keystone** Adjustable Wrench
No. 1010—**Morco** Stillson Wrench
No. 667C—Coping Saw
No. 024—Glass Cutter
No. 212—File Handle
No. 5—Hollow Handle with Tools

Per Set
No. Z-225-32—As described; wt per set about 30 lbs.... $84 00

21 Piece Outfit In No. Z-225 Chest.

Includes 21 serviceable tools (one each)as follows:

Blue Grass.

No. BG401-11—Drill Bit
No. BG421—Shingling Hatchet
No. BG700-12—Level
No. BG476 Rule
No. BG20-3/16—Gimlet Bit

Pine Knot.

No. 449—20 in. Panel Saw
No. 811½—Nail Hammer
No. 3410—Bit Brace
No. PK21-5/16—Auger Bit
No. PK21-⅜—Auger Bit
No. PK21-½—Auger Bit
No. PK21-¾—Auger Bit

Pine Knot.

No. 60—5 in. Screw Driver
No. 701—6 in. Pliers
No. 730—25 ft. **Lufkin** Tape
No. 20-4½—**Stanley** Try Square
No. 120—**Stanley** Plane
No. 94—**Miller Falls** Hand Drill
No. 81 **Washita** Stone
No. 31—**Trojan** Wrench
No. 4—Hollow Handle with Tools

Per Set
No. 67—As described; wt per set about 24 lbs..... $54 00

19 Piece Outfit In No. Z-225 Chest.

Includes 19 serviceable tools, (one each) as follows:

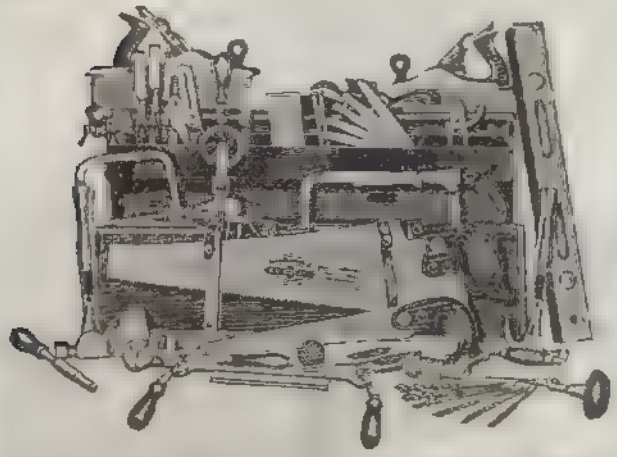
Blue Grass.

No. BG421—Shingling Hatchet
No. BG20-3/16—Gimlet Bit

Pine Knot.

No. 449—20 in. Panel Saw
No. PK21-5/16—Auger Bit
No. PK21-⅜—Auger Bit
No. PK21-½—Auger Bit
No. PK21-⅝—Auger Bit
No. 1—5 in. Screw Driver
No. 40—6 in. Pliers
No. 270—**Cyclone** Bit Brace
No. 11½K—**Keystone** Nail Hammer
No. 12-6—**Stanley** Try Square
No. 120—**Stanley** Plane
No. 710—25 ft. **Lufkin** Tape
No. 84—**Washita** Oil Stone
No. 21—**Trojan** Wrench
No. 68—Rule
No. 5—Hollow Handle and Tools
No. 150—Level

Per Set
No. 63—As described; wt per set about 24 lbs..... $49 50



For Manual Training Students, Mechanics, Householders and Farmers.

40 Piece Outfit In No. Z-732 Chest.

Wooden chest, zinc covered; all edges bound with black enameled angle iron; fitted with ring handle, lock, catches and hinges strongly riveted to box (for illustration see page 138).

Includes 40 serviceable tools, (one each) as follows:

Blue Grass.

No. BG547-8½—Screw Driver Bit.
No. BG147-6—Comb. Plier
No. BG111-8—Sliding T Bevel
No. BG-37-2—Nail Set
No. BG47-1—Hatchet
No. BG47-26-8—Hand Saw
No. BG47-1½—Hammer
No. BG847C—Coping Saw
No. BG57—Hack Saw Frame
No. BG447-¼—Chisel
No. BG447-½—Chisel
No. BG447-1—Chisel
No. BG377-8—Drawing Knife
No. BG47-¾—Cold Chisel
No. BG4318-24—Level
No. BG476—Rule
No. BG6C—Stone
No. BG4—Screw Driver
No. BG6—Screw Driver
No. BG5710—Bit Brace

Blue Grass.

No. BG47-¼—Auger Bit
No. BG47-5/16 Auger Bit
No. BG47-⅜ Auger Bit
No. BG47-7/16 Auger Bit
No. BG47-½—Auger Bit
No. BG47-¾—Auger Bit
No. BG15-⅛—Gimlet Bit
No. BG15-5/16—Gimlet Bit
No. BG249—Nest Saw
No. 618 **Stanley** Hand Drill
No. 80—**Stanley** Scraper
No. M52½—Vise
No. 98—**Stanley** Marking Gauge
No. 3—**Stanley** Plane
No. 5—**Stanley** Plane
No. 65-12—**Lufkin** Square
No. 35-6—**Yankee** Divider
No. 30A—**Yankee** Screw Driver
No. 1014—**Morco** Stillson Wrench
No. 6—Chalk Line

Per Set
No. Z-732-40 —As described; wt per set 40 lbs..... $142 50

TOOL CHESTS COMPLETE

(Illustration of No. 32 Chest)

Especially intended for home use, on the farm, manual training students, etc. Made up by us of strictly serviceable tools. Packed in our No. 32 tool box which is made of high grade steel, black enameled, fitted with riveted hinges; welded concealed lock and steel tray (as illustrated above).

16 Piece Outfit In No. 32 Chest.

One each as follows:

Blue Grass.

No. BG401-1½—Nail Hammer
No. BG47—18 in. Panel Saw
No. BG9110—Shingling Hatchet
No. BG200-12—Level
No. BG47—Carpenters Apron

Pine Knot.

No. 300—Bit Brace
No. PK21-¼—Auger Bit
No. PK21-½—Auger Bit
No. 430-¾—Chisel
No. 48—6 in. Carpenter Pinchers
No. 700—Pliers
No. 120—**Stanley** Plane
No. 1[illegible] **Stanley** Chalk Line Reel
No. 52—Vise
No. 6—Chalk Line
No. 68—Rule

Per Set

No. 32-16—As described; wt per set about 20 lbs..... $37 50

19 Piece Outfit In No. 32 Chest.

One each as follows:

Blue Grass.

No. BG47-18 in. Panel Saw
No. BG47-1½—Nail Hammer
No. BG9110—Shingling Hatchet
No. BG574—Zig-Zag Rule
No. BG47-¾—Cold Chisel
No. BG47-¼—Auger Bit
No. BG47-½—Auger Bit
No. BG15-2—Gimlet Bit.
No. BG11T-6—Try Square
No. BG147-6—Pliers

Pine Knot.

No. 50-4—Screw Driver
No. 47—Carpenters Apron
No. 3410—Bit Brace
No. 347-¾—Chisel
No. 120—**Stanley** Plane
No. 667C—Coping Saw
No. 147—Sharpening Stone
No. 024—Glass Cutter
No. 5—Hollow Handle with Tools

Per Set

No. 32-19—As described; wt per set about 20 lbs..... $42 00

12 Piece Outfit In No. 32 Chest.

One each as follows:

Blue Grass.

No. BG401-2—Nail Hammer
No. BG47-18—Panel Saw
No. BG9110—Hatchet
No. BG447-¾—Chisel
No. BG47-¾—Cold Chisel
No. BG50-4—Screw Driver
No. BG147-6—Pliers

Blue Grass.

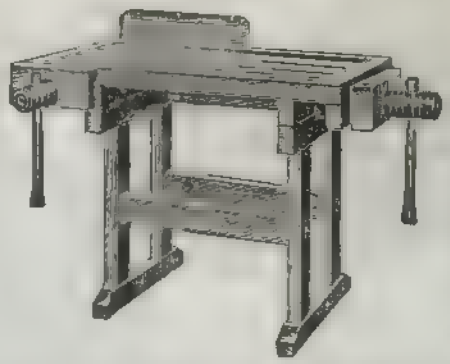
No. 574—Zig-Zag Rule
No. BG37-2—Nail Set
No. 024—Glass Cutter
No. 667C—Coping Saw
No. 5—Hollow Handle with Tools

Per Set

No. 32-12—As described; wt per set about 18 lbs..... $25 50

WORK BENCHES

MANUAL TRAINING

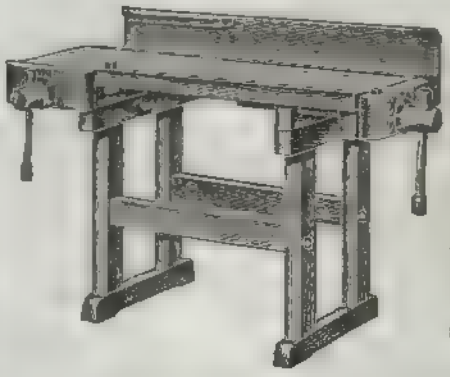


Built from selected hard white maple. Frame is oiled and top finished in shellac. The back-board may be dropped down flush with top, or kept in position as shown. The entire leg and gist construction drawn up firmly with ½x5 in. draw bolts.

Each

No. 7—Height 32 ins; top 42x20x1¾ ins; length over all 48 ins; working top 13 ins wide; tool recess 7 ins wide $51 00

Crated; shipping wt each 103 lbs.



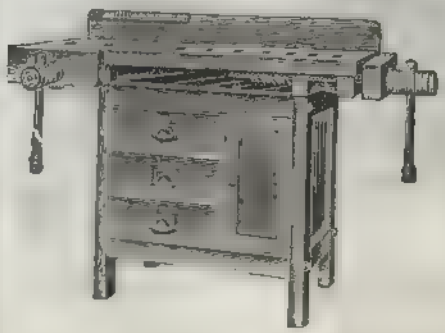
Built from selected hard white maple. Frame is oiled and top finished in shellac. Equipped with high back, tool recess and holes mortised for stops along the front, two wood vises having patent saw cut threaded bench screws.

Each

No. 4—Height 32 ins; top 48x22x1¾ ins; length over all 56 ins; working top 13½ ins wide; tool recess 8½ ins wide..... $57 00

Crated; shipping wt each 128 lbs.

MANUAL TRAINING



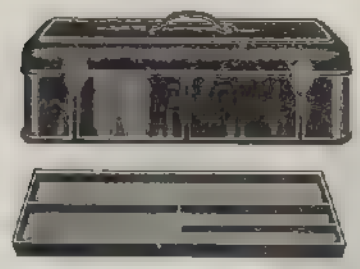
Selected hard white maple, shellaced. Equipped with cupboard, three drawers all same size, two wood vises having patent saw cut threaded bench screws. Holes for wood stops are mortised near the front; two spring wood stops furnished with each bench.

Each

No. 13—Height 32 ins; top 48x22x1¾ ins; length over all 56 ins; working top 13½ ins wide; tool recess 8½ ins wide; drawers 18x16x5 ins; cupboard 18½x18¼x10 in. $93 00

Crated; shipping wt each 190 lbs.

TOOL BOXES



Constructed of sheet steel, finished in black enamel, baked on. Sides and bottom are corrugated to give additional strength; hinges are riveted on, welded; concealed lock.

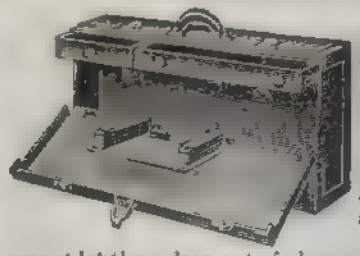
Fitted with steel tray, divided into compartments for bolts, screws, etc.

Each

No. 32—Length 22 ins; width 9 ins; depth 7 ins..... **$7 50**

One in corrugated carton; wt each 11 lbs.

CARPENTERS KITS, KENNEDY'S



22 gauge steel chest, lined with three-ply wood veneer to protect sharp edged tools, leather brown baked enamel finish. Saw rack is hinged on the lid and fastens securely when chest is closed. The two drawers afford an excellent place to carry small sharp edged tools. Drawers run on rails which cannot let them drop out of place no matter how heavily loaded. Equipped with Corbin lock and side catches. Leather handle reinforced with a steel core which goes through the handle loops.

Each

No. 31A—Outside dimensions, length 32 ins; width 15 ins; depth 7 ins..... **$23 25**

Packed loose; wt each 18 lbs.

CARPENTERS SHOULDER BOX, KENNEDY'S

22 gauge steel case, reinforced, lined with three-ply wood veneer to protect sharp edged tools, leather brown baked enamel finish. Saw rack is conveniently placed in the lid on hinges and securely fastens to the top of lid when not in use. Tray is lined with three-ply wood veneer and rests on tray ledges running entire length of the case. Equipped with Corbin lock and side catches. Leather handles reinforced with steel core, one on top and one end of case.

Each

No. 31B—Outside dimensions, length 32 ins; width 8 ins; depth 8 ins..... **$18 00**

Packed loose; wt each 18 lbs.

CARPENTER'S TOTE BOX, KENNEDY'S

22 gauge steel case, brown baked enamel finish. Heavy woven web shoulder strap. Wood veneer piece in bottom to protect sharp tools, will hold square and three saws.

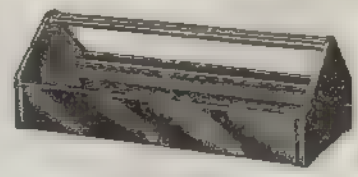
Each

No. K-32—Size 32x8x10¼ ins..... **$10 50**

One in carton; wt each 14¾ lbs.

TOOL BOXES

TOTE TRAY, KENNEDY'S



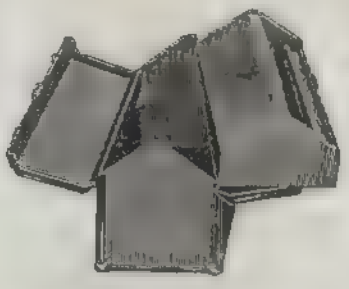
22 gauge steel, brown baked enamel finish. Has tray for small parts and will carry a good assortment of tools. Useful to garage mechanics or maintenance men for work around the shop.

Each

No. 19T—Size 19¾x9¾x8 ins..... **$3 75**

One in carton; wt each 7 lbs.

GARAGE KIT, KENNEDY'S



24 gauge steel case, reinforced, 22 gauge steel tray, brown baked enamel finish. Snug fitting tray, fitted with handle, can be carried as a tote box. With multiple change lock, side catches, corner irons, and leather handle reinforced with steel core.

Adapted for garage mechanics or shop maintenance men.

Each

No. 20-G—Size 20x10x13 ins..... **$15 75**

One in carton; wt each 18 lbs

MECHANICS KIT, KENNEDY'S

24 gauge steel case, reinforced, 26 gauge steel tray, brown baked enamel finish. Snug fitting tray, divided into compartments for small tools and parts

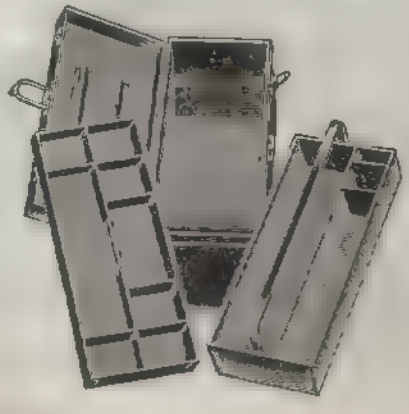
With multiple change lock, side catches, corner irons, and leather handle reinforced with steel core. Adapted for mechanics, repair men, railroad men, painters, etc.

Each

No. 114—Size 14x7x9 ins; wt each 7 lbs. **$11 25**
No. 116—Size 16x9x11 ins; wt each 8 lbs **12 00**
No. 118—Size 18x10x13 ins; wt each 11 lbs..... **12 75**
No. 120—Size 20x11x13 ins; wt each 12 lbs..... **13 50**
No. 122—Size 22x11x13 ins; wt each 13 lbs..... **13 50**

One in carton.

COMBINATION CASES, KENNEDY'S



24 gauge steel case, reinforced, 22 gauge steel tray, brown baked enameled finish. Two snug fitting trays, divided into compartments for small tools and parts, upper tray is 8 inches deep, and is fitted with handle which turns down into tray, can be carried as a tote box. With multiple change lock, side catches, corner irons and leather handle, reinforced with steel core.

Each

No. 716—Size 16x8x9 ins..... **$14 25**

One in carton; wt each 11 lbs.

MINERS' CARBIDE LAMPS

JUSTRITE

Seamless brass. Hook is riveted and soldered; fits all caps. Clasp made of spring brass, holds lamp secure to cap; will fit all standard cap shields.

Burner tip is made of imported lava, with 4 air holes, which prevents carbonizing.

JUSTRITE

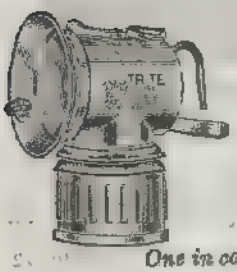
With Matchless Reflector.

Polished brass; ¼ inch nickel plated reflector; hook riveted to body. Polygon feed; round hook self-lighting attachment. Throws 16 candle power light 250 feet.

	Per Doz
No. 747—Burning capacity 2½ hrs; charge 2 oz carbide; height over all 3¾ ins	$39 60

One in carton; wt per doz 7 lbs.

JUSTRITE—Lever Feed, With Sparker.



Valve is operated by a lever sliding back and forth over notches, and held firmly in place by a small spring. The sparkler on reflector completely eliminates the use of matches.

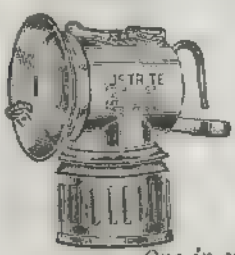
Height 4¼ inches; diameter reflector 2¼ inches; 13½ candle power. Furnished with one No. J77 carbide container.

	Per Doz
No. 85—Lamp only; polished	$33 00

One in cardboard box; wt each 6 ozs.

JUSTRITE—Polygon Feed, With Sparker.

Valve Control—Lighter Attachment.



The sparker or igniter on reflector completely eliminates the use of matches.

Height 4¼ inches; diameter reflector 2⅝ inches; 16½ candle power.

Lamp only; polished brass.

No.	707
Doz lots, Per Doz	$25 50
Gro lots, Per Doz	24 00

One in cardboard box; wt each 6 ozs.

JUSTRITE—Polygon Feed, With Sparker.

Seamless brass; polygon. Square valve threaded and soldered on the valve stem. The sharp corners of the button break, also rip away the caked carbide, insuring a steady free water flow. Diameter of reflector 3 ins.

	Doz lots, Per Doz	Gross lots, Per Doz
No. 767—Lamp only; polished brass	$28 50	27 00
No. 769—Lamp only; nickel plated	35 25	33 00

One in cardboard box; wt each 6 ozs.

VICTOR—Regulating Valve Water Feed, Detachable Reflector and Brace With Sparker.

Water feed is adjustable to permit the water to flow freely. Reflector polished brass, with wire edge that fits snug to the reflector brace; fastened to lamp with a knurled nut. Height 3¾ inches; detachable reflector 2⅝ inches in diameter; 16 candle power. Polished brass.

Lamp Only.

No.	661
Doz lots, Per Doz	$25 50
Gro lots, Per Doz	24 00

One in cardboard box; wt each 4½ ozs.

MINERS' CARBIDE LAMPS

GUYS DROPPER

Seamless brass. Has 2½ inch deep brass polished reflector intended for miners working in wet places or where the roof is low. Fitted with Guys patented water dropper and valve cleaner.

Height 4 inches; diameter of reflector 2½ inches.

	Brass Finish	Nickel Plated
No.	28SL	28OSL
1 to 3 doz, Per Doz	$27 00	30 00
3 doz or more, Per Doz	25 50	29 25

One in cardboard box; wt each 6 ozs.

NON-BLOW OUT TIPS	Per Doz
No. 83—For Nos. 28SL and 280SL carbide lamps	$1 95

One doz in cardboard box; wt each 2 oz.

AUTO-LITE

Polished brass. With self-lighter. Gives a 20 candle power light and will burn 3 to 4 hours on each charge carbide. Height 3¾ inches.

	1 to 3 doz, Per Doz	3 to 6 doz, Per Doz	6 doz or more, Per Doz
No. 106—With 2½ inch silver nickeled reflector	$27 00	26 25	25 50
No. 103—With 3 inch bright brass reflector	27 00	26 25	25 50
No. 303—With 3 inch nickel plated reflector	28 50	27 75	27 00

One in cardboard box; wt each 5 ozs.

EXTRA BOTTOMS

For Auto-Lite and Guy Dropper Lamps.

	Per Doz
No. 120—Brass nickel plated	$5 10

One doz in carton.

REPAIRS FOR JUSTRITE LAMPS

NOTE—Positively will not break packages on repairs for Justrite lamps.

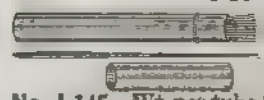
	Per Doz
No. J60—Rubber gaskets	$0 51
No. J4—Valve stems	6 75
No. J5—Felt packing	51
No. J6—Lava burner tips	51
No. J28—Metal shell, lava insert, burner tips	90

One doz in cardboard box.

No. J3—Felt holders	1 20

Half doz in cardboard box.

TIP REAMERS



Justrite.

Hard rust-proof wire designed especially for use on carbide lamp tips.

	Per Doz
No. J-145—Wt per tube 2 ozs	$1 05

One doz in metal tube.

REAMER CASES

	Per Doz
No. J150—Brass, nickel plated; length over all 2⅝ ins	$1 05

One doz in cardboard box; wt per doz 2 ozs.

CARBIDE BOTTLES

Screw-Top. IX tin; seams not soldered.

	Per Doz
No. P25—Capacity 1 pt; height 7 ins; size 1¾x3 ins; opening 1¾ ins	$3 90

One doz in carton; wt per doz 4 lbs.

POCKET CARBIDE CONTAINERS

JUSTRITE

Heavy tin, concaved with slide cover and round corners. Fits hip pocket.

Per Doz

No. J77—Capacity 10 ozs; size 3½x4 ins $3 30

One doz in carton; wt per doz 2 lbs.

OIL FLASKS

1C plain; seamed and soldered. Screw cap.

No.	P2-OF
Size ins	1¾x3
Height, ins	6¾
Capacity, pts	1
Per Doz	$5 70

One doz in carton; wt per doz 3½ lbs.

POWDER CANS

Per Doz

No. P2-PC—IC plain; seamed and soldered; flat handle. Capacity 5 lbs; diam 4¾ ins; height 9½ ins .. $7 95

One doz in carton; wt per doz 8 lbs.

IX tin; seamed and soldered; beaded body equipped with four sling loops, slip cap and concave bottom.

Per Doz

No. P05-PC—Capacity 5 lbs; height 11¼ ins; size 3x6 ins; 1 in. opening $7 65

One doz in carton; wt per doz 8 lbs.

IX tin, double seamed and soldered; tall style with side handle, bail and squib box.

Per Doz

No. 040—Capacity 5 lbs; height over all 9½ ins, diam 5 ins; 1 in opening $10 50

One doz in carton; wt per doz 12 lbs.

SQUIB BOXES

Per Doz

No. P10-SB—IC plain; with cap; capacity 100 squibs; length 7 ins; size 1⅝x⅜ ins $2 10

One doz in cardboard box; wt per doz 1½ lbs.

JUSTRITE ATTACHMENTS

LAMP CLIPS

Black enameled steel clip for holding cap lamps in rigid position. Easily attached to miners cap or hat.

Per Doz

No. J65—Wt per doz ½ lb .. $2 55

One doz in cardboard box.

SPRINGS, Steel.

Per Doz

No. J173—Length ¾ in $0 51

One doz in cardboard box; wt per doz ½ oz.

TIP CLEANERS

OPEN

Steel wire brush; brass case. The brush is protected when not in use.

Per Doz

No. J37—Length 2¼ ins $3 00

One doz in cardboard box; wt per doz ½ lb.

JUSTRITE ATTACHMENTS

MATCHLESS REFLECTORS

For Justrite or Baldwin Lamps.

Polished brass. Held firmly around tip holder by means of tightening screw in collar. Will fit Justrite and Baldwin Miners' Lamps. The sparker or igniter on reflector makes matches unnecessary.

Per Doz

No. J26—Diam 3 ins $7 35

One doz in cardboard box; wt per doz 12 ozs.

EXTRA FLINTS, For Matchless Reflectors.

No.	J27
Per Doz	$0 45
Per Gross	3 60

Packed 1 in a capsule, 12 capsules in cardboard box.

BRATTICE CLOTH

Medium heavy single warp non-inflammable jute brattice cloth.

Nos.	5071-36	5071-48	5071-60	5071-72
Width roll, ins	36	48	60	72
Wt roll, lbs.	65	90	110	130
Per Sq Yd	$0 66	66	+63	66

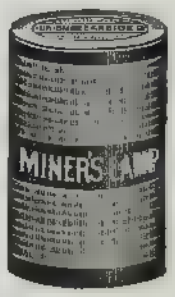
Extra heavy double wrap cloth of strong yarn tightly twisted and woven to give maximum strength and minimum air seepage non-inflammable.

Nos.	2098-36	2098-48	2098-60	2098-72
Width roll, ins	36	48	60	72
Wt roll, lbs.	80	110	135	160
Per Sq Yd	+$0 84	+84	+84	+84

About 50 lineal yds to roll.

CARBIDE

From Louisville Magazine Only.



Union Carbide is carefully screened and packed; contains about 400 to 450 cubic feet of acetylene gas to 100 pounds.

Cameo Carbide is carefully screened and packed; contains about 300 to 350 cubic feet of acetylene gas to 100 pounds.

UNION GENERATOR CARBIDE

In sheet steel drums, contents 100 lbs.

Per 100 Lbs

No. 1—Lump, size 3½x2 ins ..... +$16 53
No. 2—Egg, size 2x½ in ..... + 16 53
No. 3—Nut, size 1¼x⅜ in ..... + 16 53
No. 4—Quarter size, ¼x 1/12 in .. + 16 53

UNION MINERS' LAMP CARBIDE

No. 5—In drums, contents 100 lbs ..... Per 100 Lbs +$17 91
No. 5A—In cans, contents 25 lbs. In lots of **not** less than 4 cans ..... Per Can + 5 07
No. 7—In 2 lb cans ..... Per Case 14 70
No. 8—In 10 lb cans ..... Per Case 16 23

UNION AUTOMOBILE AND BICYCLE LAMP CARBIDE

No. 9—Size ½ in., in cans, contents 2 lbs, Per Case ... $14 70
No. 10—Size ½ in., in cans, contents 10 lbs, Per Case. 16 23

2 lb cans packed 24, 10 lb cans packed 6 in case.

(Cases will not be broken).

CAMEO GENERATOR CARBIDE

In sheet steel drums, contents 100 lbs.

No. 12—Size 3½x2 ins, Per 100 Lbs ..... +$15 75
No. 13—Size 2x½ in, Per 100 Lbs ..... + 15 75
No. 14—Size 1¼x⅜ in, Per 100 Lbs ..... + 15 75
No. 15—Size ¼x1/12 in, Per 100 Lbs ..... + 15 75

CAMEO MINERS' LAMP CARBIDE

No. 16—In drums, contents 100 lbs, Per 100 Lbs ... + 17 13

+Cloth—F. O. B. Ohio Factory Only.
+Carbide—F. O. B. Kentucky Factory Only.

COAL PICKS

—PINE KNOT—

Solid steel body and points, natural finish, oiled, large full eyes.

A Pattern Cutting used largely in Indiana and Illinois.

Nos.	1½PKA	2PKA	2½PKA	3PKA
Wt each, lbs	1½	2	2½	3
Length over all, ins.	12	14	14½	16
Wt doz, lbs	18	24	30	36
Per Doz	$11 40	11 40	12 30	13 20

One doz in bdle.

—PINE KNOT—

B Pattern Cutting used largely in Ohio, Indiana, Kentucky, West Virginia and parts of Illinois.

Nos.	1½PKBC	2PKBC	2½PKBC	3PKBC
Wt each, lbs	1½	2	2½	3
Length over all, ins.	12½	13	14	15
Wt doz, lbs	18	24	30	36
Per Doz	$11 40	11 40	12 30	13 20

Nos.	3½PKBC	4PKBC
Wt each, lbs	3½	4
Length over all, ins	16	17
Wt doz, lbs	42	48
Per Doz	$13 80	15 15

One doz in bdle.

—PINE KNOT—

Brennan Pattern Mining used largely in West Virginia and other sections of the country.

Nos.	1½PKBM	2PKBM	2¼PKBM
Wt each, lbs	1½	2	2¼
Length over all, ins.	13½	15	16
Wt doz, lbs	18	24	27
Per Doz	$11 40	11 40	11 85

Nos.	2½PKBM	2¾PKBM	3PKBM
Wt each, lbs	2½	2¾	3
Length over all, ins.	15½	16	17
Wt doz, lbs	30	36	36
Per Doz	$12 30	12 75	13 20

Nos.	3½PKBM	4PKBM	4½PKBM
Wt each, lbs	3½	4	4½
Length over all, ins.	18	19	20
Wt doz, lbs	42	48	60
Per Doz	$13 80	15 15	✚15 15

One doz in bdle

—PINE KNOT—

L Long Pattern Mining used largely in Indiana and Illinois.

Nos.	1½PKL	2PKL	2½PKL	3PKL
Wt each, lbs	1½	2	2½	3
Length over all, ins	12	13½	15	17
Wt doz, lbs	18	24	30	36
Per Doz	✚$11 40	11 40	12 30	13 20

One doz in bdle.

✚F. O. B. West Virginia Factory Only.

COAL MINERS' TOOLS

For Blasting Purposes.

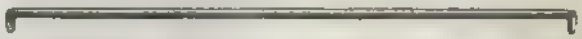
TAMPING DRILLS

⅞ in. round iron; length over all 6 ft.; best tool steel bit, 6 in. long, 2½ in. wide; natural finish.

	Per Doz
No. 1TD—Iron Tamping Head; wt doz 90 lbs	✚$30 30
No. 2TD—Copper Tamping Head; wt doz 100 lbs	50 40

Half doz in bdle.

DOUBLE END SCRAPERS



Length 6 ft.; tamping head length, 6 inches; black finish.

	Per Doz
No. 5S—Made of ⅝ in. round steel	✚$12 90

One doz in bdle.

COMBINED TAMPERS AND SCRAPERS

Length 6 feet; tamping head, length, 6 inches; black finish.

	Per Doz
No. 6TS—Iron tamping head; made of ½ in. round iron; 1 in. head	$17 10
No. 60TS—Copper tamping head; made of ¾ in. round iron; 1½ inch head	37 20

One doz in bdle.

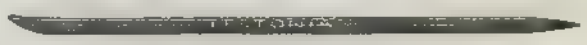
NEEDLES

Length over all 6 feet, tapers to sharp point; will not bend.

	Per Doz
No. 2N—Best tool steel, one piece, polished; tapers from ⅜ in.; open handle; 6 ft long	$16 80
No. 4N—Malleable handle riveted to copper needle. Drawn from ⅞ in. hard copper rods to an exact taper, 6 ft long. Ground, highly polished and lacquered to prevent corrosion	45 00

One doz in bdle; wt per doz 30 lbs.

SLATE BARS



Good grade of octagon carbon steel.

Nos.	209-3B	210-3B	211-3B
Length, ft.	4	4½	5
Wt each, lbs	11	12½	14
Per Doz	✚$18 90	✚31 50	✚22 05

Packed loose.

TRACK ADZES

Forged from a solid piece of tool steel. Head and cutting edge well tempered. Especially adapted for trackmen.

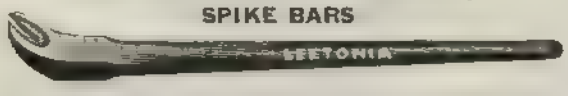
	Per Doz
No. TA3½—Width 3 ins; length over all 11 ins	$32 55

Packed loose; wt each 3½ lbs.

✚F. O. B. Ohio Factory Only.

COAL MINERS TOOLS

SPIKE BARS



Special high carbon steel; with claw jaw and heel. Especially adapted to use of track men.

	Per Doz
No. 220SB—Length 30 ins; for ⅝ in. spike	$20 10

Packed loose; wt per doz about 72 lbs.

MACHINE BITS

Sold in keg lots of 500. Will not break kegs.

High grade steel that is especially adapted for the purpose; are carefully sharpened.

Chisel Point.

Nos.	4CP	4¼CP	4½CP
Size, ins	1x½x4	1x½x4¼	1x½x4½
Wt per keg, lbs	250	320	345
Per 1000	✚$101 40	✚105 30	✚109 20
Nos.	4-¾CP	4¼-¾CP	4½-¾CP
Size, ins	¾x½x4	¾x½x4¼	¾x½x4½
Wt per keg, lbs	235	285	270
Per 1000	✚$117 00	✚120 90	✚124 80

Pick Point.

Nos.	4PP	4¼PP	4½PP
Size, ins	1x½x4	1x1½x4½	1x½x4½
Wt per keg, lbs	250	320	345
Per 1000	✚$101 40	✚105 30	120 00
Nos.	4-¾PP	4¼-¾PP	4½-¾PP
Size, ins	¾x½x4	¾x½x4¼	¾x½x4½
Wt per keg, lbs	235	285	270
Per 1000	✚$117 00	✚120 90	✚124 80

Approx 500 to the keg.

BLANK BIT STEEL

Sold in keg lots of 200 lbs. Will not break kegs.

High grade tool steel, especially adapted for machine bits.

Blunt Blanks Sheared Straight Across.

Nos.	4S	4¼S	4½S
Size, ins	1x1½x4	1x1½x4¼	1x1½x4½
Wt per keg, lbs	250	320	345
Per 100 Lbs		✚$12 75	
Nos.	4-¾S	4¼-¾S	4½-¾S
Size, ins	¾x1½x4	¾x1½x4¼	¾x1½x4½
Wt per keg, lbs	250	320	345
Per 100 lbs		✚$13 35	

Sheared 45° On End.

Nos.	4-45	4¼-45	4½-45
Size, ins	1x½x4	1x½x4¼	1x½x4½
Wt per keg, lbs	235	285	300
Per 100 lbs		✚$13 35	
Nos.	4-¾-45	4¼-¾-45	4½-¾-45
Size, ins	¾x½x4	¾x½x4¼	¾x1½x4½
Wt per keg, lbs	235	285	300
Per 100 lbs		✚$13 80	

Approx 500 to the keg; wt per keg 250 lbs.

BLACK DIAMOND SPADS

Clean cut sheet steel, 1⅝ inches long.

	Per Gro
No. 10P—Plain	✚$4 50
No. 10N—Non-corrosion	✚ 5 25

Wt per gro 1 lb.

Made of clean cut sheet steel, 1⅝ inches long.

	Per Gro
No. 20P—Plain	✚$6 00
No. 20N—Non-corrosion	✚ 6 75

Wt per gro 1¼ lbs.

Sheet steel, 2 inches long.

	Per Gro
No. 30P—Plain	✚$6 75
No. 30N—Non-corrosion	✚ 7 50

Wt per gro 2 lbs.

Drop forged steel, 2¼ inches long.

No. 400P—Plain	✚Prices on Application
No. 400N—Non-corrosion	✚Prices on Application

Wt per gro 6 lbs.

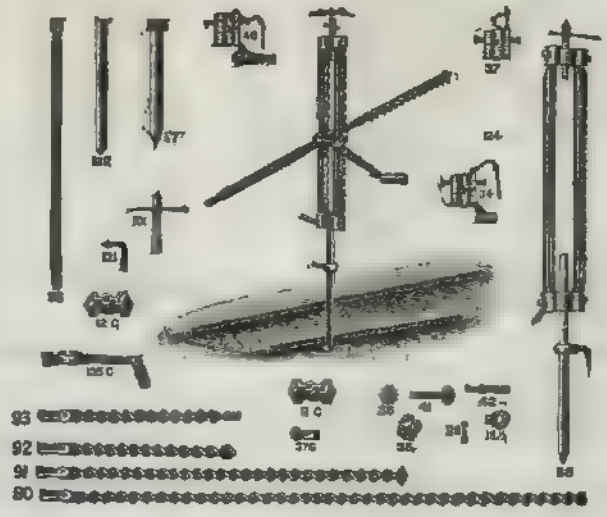
✚Machine Bits and Blank Bit—F. O. B. Illinois Factory Only.

✚Spads—F. O. B. Virginia Factory Only.

MINERS' DRILLS

NOTCHED STEEL POST

"QY"



Steel post and journals; special steel thread bar and augers.

For all kinds of coal; with 3 augers, one each 2, 4 and 6 feet long; diameter augers 1⅝ inches; length feed bar 3¼ feet; diameter feed bar 1¼ inch; 9 threads to inch. Length of frames 3½ ft.

	Each
No. QYSEG—Side and end gear; wt each 75 lbs	$33 75
No. QYEG—End gear only; wt each 65 lbs	29 40

Packed loose.

EXTRA PARTS FOR "QY" NOTCHED DRILLS

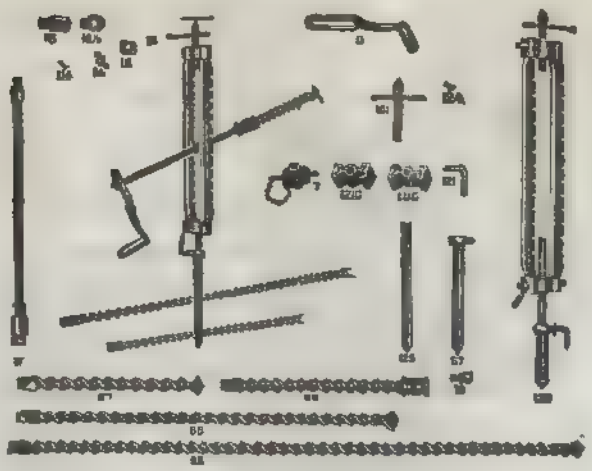
In ordering augers, specify whether same are wanted with square or feather edge. When ordering drills or posts, state thickness of the vein of coal in which they are to be used.

Always give number and name of part wanted.

Nos.		Each
34	Thread Box (Alloy Metal)	✚$ 6 90
40	Thread Box, complete with No. 42 Shaft and No. 36 Small Pinion	✚ 7 80
42-XX	Threaded Box Shaft	1 77
55	Thread Bar	✚ 6 60
11C	Casting for Post (Jack Screw No. 101 fits in)	✚ 3 51
12C	Casting for Post (No. 129 fits in)	✚ 3 51
16½	Ring for 1¼ in. Boot	✚ 72
29	Small Spring Key for Shaft	✚ 18
35	Large Gear Wheel	✚ 2 16
36	Small Gear Wheel	✚ 1 65
37	End Gear Thread Box	✚ 3 00
37C	Square Socket for Augers	✚ 84
41	Journal and Cog	✚ 3 24
57	Small Boot, 1¼ in. diam	✚ 2 40
90	Long, or 6 ft Auger	✚ 7 44
91	Medium, or 4 ft Auger	✚ 5 25
92	Short, or 2 ft Auger	✚ 2 70
93	Auger Extension, 2 ft long	✚ 3 51
101	Jack Screw	✚ 2 31
121	Tail Set Screw	✚ 60
124	Set Screw for No. 11C and No. 12C	✚ 36
129	Small Size Stem that fits in No. 57	✚ 2 10
135C	Crank	✚ 3 30
136	Post complete, as shown in cut	✚ 17 70

✚F. O. B. West Virginia Factory Only.

MINERS' DRILLS
BIRMINGHAM—NOTCHED



Steel post journals, special steel thread bar and augers.

For all kinds of coal; with 3 augers, one each 2, 4 and 6 feet long; diameter augers 1½ in., length feed bar 2¾ ft.; diameter feed bar 1 in.; 9 threads to inch. When ordering always give length of frame or height of coal.

	Each
No. 158N—End gear; wt each 65 lbs	✦$30 00

Packed loose.

EXTRA PARTS
For Birmingham Notched Miners' Drills.

In ordering augers, specify whether same are wanted with square or feather edge. When ordering drills or posts, state thickness of the vein of coal in which they are to be used. Always give number and name of part wanted.

Nos.		Each
7	Thread Box (Alloy Metal)	✦$3 15
11	Crank	✦ 3 30
11C	Casting for Post that Jack Screw No. 110 fits in	✦ 3 45
■	Clamp	✦ 36
12C	Casting for Post that No. 129 fits in	✦ 3 45
14S	Square Thread Bar Socket	✦ 1 50
14T	Thumb Nut	✦ 36
15	Auger Socket	✦ 1 20
16½	Ring for 1¼ in. Boot	✦ 72
57	Small Boot 1¼ ins. diam	✦ 2 76
83	Thread Bar	✦ 7 35
85	Long Auger, 6 ft long	✦ 7 35
86	Medium Auger, 4 ft long	✦ 5 25
87	Small Auger, 2 ft long	✦ 2 85
88	Two foot Auger Extension	✦ 3 45
101	Jack Screw	✦ 2 31
121	Tail Set Screw	✦ 63
124	Set Screw for No. 11C and 12C	✦ 36
129	Small Size Stem that fits in No. 57	✦ 2 10
138	Post complete as shown in cut	✦17 70

✦F. O. B. West Virginia Factory Only.

MINERS' DRILLS
NOTCHED STEEL POST

"L"

Made in end gear or direct motion only. Has flat augers. Socket is on the feed bar. Has no boot on the post. Patent adjustable take-up boxing.

Special carbon steel thread bar, steel journals and post; special steel augers.

With 3 augers, one each, 2, 4 and 6 feet long; diameters 1½ inches; length feed bar 8 feet; diameter feed bar 1 1/16 inches, 8 threads to inch. Adjustable in height from 3½ to 6 feet.

	Each
No. 3L—End gear; wt each 40 lbs	✦$24 90

Packed loose.

MINERS' DRILL PARTS
DRILL PARTS FOR NOTCHED STEEL POST DRILLS

	Each
No. 55TB—Thread bar	$6 00
No. 131C—Hinged or open boxing	2 85

Packed loose.

DRILL AUGERS FOR NOTCHED STEEL POST DRILLS

	Each
No. 6A—Long or 6 ft auger	✦$5 70
No. 4A—Medium or 4 ft auger	✦ 3 90
No. 2A—Short or 2 ft auger	2 55

Packed loose.

DRILL PARTS FOR "A" DRILLS

	Each
No. 7BA—Boxing for end gear only	✦$3 30

Packed loose.

MINERS' BREAST AUGERS

Double Crank, 11 Inch Sweep.
Open Hearth Steel Twist.

Steel breast strap, bent bar and socket; black finish. New style patent joint. Ferrule or crank has key which holds breast plate to auger and prevents it from slipping or falling off. For use in soft coal.

Nos.	36D	48D	60½D
Length twist, ins	36	48	60
Length over all, ft	6	6	7
Diam, ins	1¾	1¾	1½
Wt each, lbs	20	20	24
Per Doz	✦$58 50	✦60 00	68 40
Nos.	60D	72D	72½D
Length twist, ins	60	72	72
Length over all, ft	7	7	7
Diam, ins	1¾	1¾	1½
Wt each, lbs	25	27	26
Per Doz	✦$67 35	✦68 40	70 80

✦F. O. B. West Virginia Factory Only.

MINERS' BREAST AUGERS

Single Crank—Open Hearth Steel Twist.

Steel breast strap, bent bar and socket; black finish.

New style patent joint. Ferrule or crank has key which holds breastplate to auger and prevents it from slipping or falling off.

Nos.	Length twist, ins	Length over all, ft	Diam, ins	Wt each lbs	Per Doz
36½	36	6	1⅛	14	+$54 30
48½	48	7	1⅛	16⅛	+ 56 25
36	36	6	1¾	14½	+ 56 25
48	48	7	1¾	17	+ 58 35
60½	60	7	1½	19	62 70
72½	72	7	1½	21	+ 60 00
72	72	7	1¾	22	+ 64 20

EXTRA PARTS

	Per Doz
No. 58P—Breast plate for miners breast augers	$12 45
No. 100—Couplings for miners breast augers	4 20

Packed loose.

MINERS' SQUIBS

GENUINE POWELL

For firing blasts in coal mining. Length 6 inches. Burns with a flame.

No.	1PS
Per 1000	$ 8 25
Single Case Lots, Per Case	66 00
5 Case Lots, Per Case	64 50

100 in box, 10,000 in wood case; wt per case 25 lbs.

MINERS' HATS

BEACON **"See Dept. 9 Page 2267"**

Black. Good strong material; stiff crown and brim; lined with white canton flannel, ear pieces of same material. With tin holder attachment firmly riveted to front of hat, for holding a miner's lamp.

	Per Doz
No. 866—Sizes 6⅝ to 7⅛	$21 15

Packed loose; wt per doz 5 lbs.

MINERS' CAPS

BLACK DIAMOND

Light weight white duck, lock stitched black enameled cloth visor; with fibre and tin lamp attachment.

	Per Gro
No. 222-3—Assorted sizes 6⅞, 7 and 7⅛; wt per doz 3¼ lbs	$69 00

One doz in cardboard box.

Corduroy, with ear lugs; red flannel lining; black enameled cloth visor; tin and fibre lamp attachment.

	Per Gro
No. 225—Assorted sizes, 6⅞, 7 and 7⅛	+$165 00

(Boxes will not be broken.)

One doz in cardboard box; wt per doz 3¾ lbs.

BLACK DIAMOND

Light weight brown duck; black enameled cloth visor; with tin and fibre lamp attachment, will not absorb water or oil.

	Per Gro
No. 204-3—Assorted sizes, 6⅞, 7 and 7⅛; wt per doz 3½ lbs	$69 00

One doz in cardboard box.

Heavy weight white duck, strong, lock-stitched; plain white cloth visor, tin and fibre lamp attachment.

	Per Gro
No. 200-7—Size 7⅛	$82 50
No. 200-7¼—Size 7¼	82 50
No. 200-9—Sizes 6⅞ and 7	82 50

One doz in cardboard box; wt per doz 3¼ lbs.

+Augers—F. O. B. West Virginia Factory Only.

+Caps—F. O. B. Pennsylvania Factory Only.

MINERS CAPS

BLACK DIAMOND

Heavy weight white duck, sole leather visor; sole leather lamp attachment with metal top.

	Per Gro
No. 211-2—Assorted sizes, 6⅞, 7 and 7⅛	$123 00
No. 211-6⅞—Size 6⅞	123 00
No. 211-7—Size 7	123 00
No. 211-7⅛—Size 7⅛	123 00

One doz in cardboard box; average wt per doz 3½ lbs.

BLACK DIAMOND

Heavy weight "special shrunk" white duck; flannel lined; specially treated vulcanized fibre visor, nonbreakable; specially treated vulcanized fibre, lamp holder made to carry any acetylene or oil lamp.

	Per Gro
No. 75—Assorted sizes 6⅞, 7 and 7⅛; wt per doz 4 lbs	$107 25

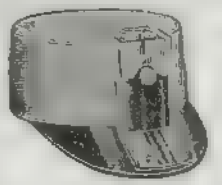
Heavy weight, special water-proof shrunken duck, flannel lined; sole leather visor 3 inches wide; sole leather lamp holder with metal top piece for supporting any miner's oil or carbide lamp.

	Per Gro
No. L100—Assorte dsizes 6⅞ to 7⅛; wt per doz 4 lbs	$121 50

(Boxes will not be broken.)

One doz in cardboard box.

WITH BARTA LAMP HOLDER



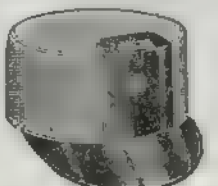
Special waterproof shrunken duck, lined throughout with flannel. Visor made of heavy material, covered with waterproof duck, not affected by water or dampness. 2X tin lamps support interlined with vulcanized fibre, making it very strong, designed to carry any carbide lamp correctly, eliminating danger of lamp jarring off.

	Per Gro
No. 27W—Assorted sizes, ⅓ doz each 6⅞, 7, 7⅛	$106 50

(Boxes will not be broken.)

One doz in cardboard box, one gro in carton; wt per gro 45 lbs.

WITH BARTA LAMP HOLDER

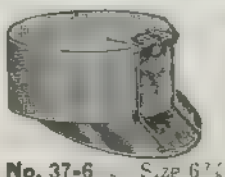


Extra heavy, special waterproof shrunken duck, lined throughout with flannel. 2¼ inch heavy sole leather visor and lamp support with top piece designed to carry correctly any carbide lamp eliminating danger of lamp jarring off.

	Per Gro
No. 31W-6⅞—Size 6⅞	$139 60
No. 31W-7 Size 7	139 50
No. 31W-7⅛—Size 7⅛	139 50
No. 31W-7¼—Size 7¼	139 50
No. 31W Assorted sizes ⅓ doz each, 6⅞, 7 and 7⅛	139 50

One doz in cardboard box, one gro in carton; wt per gro 48 lbs.

WITH BARTA LAMP HOLDER



Heavy weight, specially shrunken duck, lined throughout with flannel. Visor and lamp holder made of heavy sole leather. Holder will carry any size carbide lamp. Especially designed for use in mines that are equipped with electricity, having overhead wires so that there is no chance for a contact.

	Per Gro
No. 37-6 Size 6⅞	$150 00
No. 37-7 Size 7	150 00
No. 37-7 Size 7⅛	150 00
No. 37-7¼—Size 7¼	150 00
No. 37—Assorted sizes ⅓ doz each, 6⅞, 7 and 7⅛	150 00

One doz in cardboard box, one gro in carton; wt per gro 50 lbs.

PLUMBS AND LEVELS

—BLUE GRASS—

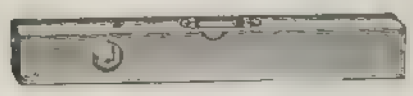
Mechanics'.

Solid stock, cherry stained; plain ends; arch top plate; side views. Metal parts blued finish and highly polished. Fitted with proved non-adjustable glasses.

Nos.	BG200-12	BG200-16	BG201-18
Length, ins	12	16	18
Wt per doz, lbs	24	26	30
Per Doz	$20 70	22 50	28 50
Nos.	**BG201-20**	**BG201-22**	**BG201-24**
Length, ins	20	22	24
Wt per doz, lbs	32	34	36
Per Doz	$28 50	30 75	30 75

Half doz in wood box.

—BLUE GRASS—



Mechanics'.

Solid stock, cherry stained; plain ends; arch top plate side views. Metal parts blued finish and highly polished. Fitted with proved non-adjustable glasses.

Nos.	BG203-18	BG203-24	BG205-28	BG205-30
Length, ins	18	24	28	30
Wt per doz, lbs	30	36	40	42
Per Doz	$40 50	43 50	46 50	46 50

Half doz in wood box.

—BLUE GRASS—

Mechanics'.

Solid stock, cherry stained; single plumb view, brass top plate and plain ends. Fitted with proved non-adjustable glasses.

Per Doz

No. BG51—Length 24 ins; wt per doz 38 lbs $42 75
No. BG52—Length 30 ins; wt per doz 50 lbs 47 25

Half doz in wood box.

—BLUE GRASS—

Mechanics'.

Solid stock, cherry stained; single plumb view, brass lips at level view, brass top plate and plain ends. Fitted with proved non-adjustable glasses.

Per Doz

No. BG53—Length 30 ins $69 00

Half doz in wood box; wt per doz 54 lbs.

—BLUE GRASS—

Mechanics'.

Solid stock, cherry stained; single plumb view, brass top plate and tipped ends. Fitted with proved non-adjustable glasses.

Per Doz

No. BG54—Length 30 ins $75 00

Half doz in wood box; wt per doz 60 lbs.

PLAIN

Solid cherry stock 7/16x1 7/8 inches, stained; nickel plated arch top plate; two plain side views, plain ends; fitted with proved glasses; non-adjustable.

Per Doz

No. 150—Length 12 ins $7 20

Half doz in cardboard box; wt per doz about 6 lbs

MIDGET

Solid rosewood stock, polished; nickel plated arch top plate, two plain side views, plain ends; fitted with proved non-adjustable glasses.

Per Doz

No. 50M—Length 6 ins $8 25

One doz in cardboard box; wt per doz about 2 lbs.

PLUMBS AND LEVELS

STANLEY—Favorite.

Solid hardwood stock, 1¼x2⅜ inch, cherry stained and polished; brass arch top plate, two plain side views; plain ends; fitted with proved non-adjustable glasses.

Per Doz

No. 102—Length 16 ins $24 75

One doz in pkg; wt per doz 14 lbs.

STANLEY

Solid stock, cherry stained; plain ends, brass arch top plate; side views; fitted with proved non-adjustable glasses.

Per Doz

No. 0-24—Length 24 ins; wt per doz 33 lbs $48 00
No. 0-28—Length 28 ins; wt per doz 36 lbs 50 25
No. 0-30—Length 30 ins; wt per doz 40 lbs 60 25

Half doz in wood box.

STANLEY

Mechanics'.

Solid stock, cherry stained; plain ends, brass arch top plate and lips; side view, fitted with proved adjustable glasses.

Per Doz

No. 2-24—Length 24 ins; wt per doz 35 lbs $69 00
No. 2-30—Length 30 ins; wt per doz 44 lbs 72 00

Half doz in wood box.

STANLEY

Mechanics'.

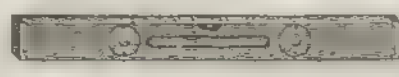
Hardwood stock, polished, brass top plate and lips; two side views and one plumb view, brass tipped ends; fitted with proved adjustable glasses.

Per Doz

No. 3-24—Length 24 ins; wt per doz 37 lbs $78 00
No. 3-30—Length 30 ins; wt per doz 44 lbs 79 50

Half doz in wood box.

STANLEY—Duplex.



Hardwood stock, cherry stained; polished; brass top plate and duplex side views, brass tipped ends; fitted with proved adjustable glasses.

Per Doz

No. 30-24—Length 24 ins; wt per doz 41 lbs ..... $ 99 00
No. 30-30—Length 30 ins; wt per doz 46 lbs 105 00

Half doz in wood box.

STANLEY

Extra quality, light wood, painted red; size 2¾x1 1/16 inches; plain ends, fitted with four proved non-adjustable glasses, two single plumbs and one double level; all glasses are protected by a heavy glass cover.

Nos.	257-24	257-26	257-28	257-30
Length, ins	24	26	28	30
Wt each, lbs	1⅛	1¼	1⅜	1½
Each	$4 35	4 50	4 80	4 95

One in cardboard box.

PLUMBS AND LEVELS

—BLUE GRASS—

First grade white pine, finished with three coats of weather-proof red paint. Plain or fully bound with solid brass or brass plates. All spirit glasses are set solid and protected by heavy lenses, making them dust, dirt, and water-proof. Vials permanently marked with black enamel rings on either side and cannot get out of place.

Mason's. Plain, two plumbs and two levels. Size 2⅛x1⅛ inches. Plain.

	Each
No. BG471—Length 48 ins	$6 00

One in carton; wt each 2 lbs.

Mason's. Plain, double construction, four plumbs and two levels, always in a position to use.

	Each
No. BG473—Length 48 ins	$7 80

One in carton; wt each 2 lbs.

Mason's. Fully brass bound, brass end plates, double construction; four plumbs and two levels, always in position to use. Size 2⅛x1⅛ inches.

	Each
No. BG477—Length 48 ins	$12 00

One in carton; wt each 3½ lbs.

Mason's. Plain, two plumbs and two levels, may be read either edge or end up. Size 2⅛x1⅛ inches.

	Each
No. BG474BE—Length 48 ins; brass ends	$8 70

One in carton; wt each 2¼ lbs.

Carpenter's. Plain, two plumbs and two levels. Size 2⅛x1⅛ inches.

	Each
No. BG4318-24—Length 24 ins; wt each 1 lb	$4 20
No. BG4318-30—Length 30 ins; wt each 1½ lbs	4 35

One in carton.

Carpenter's. Fully brass bound, brass end plates, two plumbs and two levels. Size 2⅛x1⅛ inches.

	Each
No. BG4318BB—Length 30 ins	$8 25

One in carton; wt each 2 lbs.

Carpenter's.

Plain, one plumb and one level. Size 2⅜x1⅛ inches.

	Each
No. BG447—Length 16 ins	$2 10

One in carton; wt each ¾ lb.

PLUMBS AND LEVELS

—BLUE GRASS—

Carpenter's. Plain, one plumb and one level. Size 2½x1⅛ inches.

	Each
No. BG448-24—Length 24 ins; wt each 1 lb	$2 76
No. BG448-30—Length 30 ins; wt each 1½ lbs	2 85

One in carton.

Carpenter's. Brass end plates, one plumb and one level. Size 2½x1⅛ inches.

	Each
No. BG449—Length 30 ins	$3 90

One in carton; wt each 1⅞ lbs.

Carpenter's. Aluminum. Two plumbs and two levels. Size 2½x1 inch.

	Each
No. BG4518—Length 18 ins	$9 00

One in carton; wt each 1½ lbs.

Carpenter's. Aluminum. Four plumbs and two levels. Size 2¼x1⅛ inches.

	Each
No. BG4524—Length 24 ins; wt each 2¼ lbs	$11 10
No. BG4526—Length 26 ins; wt each 2½ lbs	11 70
No. BG4528—Length 28 ins; wt each 2¾ lbs	12 60
No. BG4530—Length 30 ins; wt each 3 lbs	13 20

One in carton.

Mason's. Aluminum. Four plumbs and two levels. Always in correct position. Size 2⅝x1⅛ inches.

	Each
No. BG4542—Length 42 ins	$19 50

One in carton; wt each 4 lbs.

STANLEY

Hardwood stock, cherry stained, polished; size 2¾x1⅛ inches; aluminum tipped ends; fitted with four proved non-adjustable glasses, two single plumbs and one double level; all glasses are protected by a heavy glass cover.

Nos.	261-24	261-28
Length, ins	24	28
Wt each, lbs	2	2⅜
Each	$8 00	9 45

One in cardboard box.

D 1

PLUMBS AND LEVELS

SAND'S

Selected straight grain California white sugar pine stock, air-dried, seasoned for 10 to 12 months before being made into finished stock insures any possibility of warpage; finished with three coats of weather proof red paint.

Carpenter's. One plumb and one level, protected glasses; size stock 2½x1¼ inches. Each
No. 677—Length 16 ins $2 40

One in pkg; wt each 1 lb.

Carpenter's. One plumb and one level top sight, protected glasses, size stock 2½x1¼ inches.

Nos.	678-24	678-30
Length, ins	24	30
Wt each, lbs	1	1¼
Each	$2 70	3 15

Half doz in cardboard box.

Carpenter's. One plumb and one level, brass ends and top plate, top sight, protected glasses; size stock 2½x1¼ inches. Each
No. 679-30—Length 30 ins $4 20

One in pkg; wt each 1½ lbs

Carpenter's. Two plumbs and two levels; protected glasses; size stock 2½x1¼ inches. Use either end or edge for plumb or level.

Nos.	118-24	118-30
Length, ins	24	30
Wt each, lbs	1¼	1¾
Each	$4 50	4 80

One in pkg.

Carpenter's. Brass bound; two plumbs and two levels, protected glasses; size stock 2½x1¼ inches. Use either end or edge for plumb or level. Each
No. 118BB—Length 30 ins $8 25

One in pkg; wt each 4 lbs.

Mason's. Two plumbs and two levels, protected glasses; size stock 2½x1¼ inches. Each
No. 1A—Length 48 ins $6 75

One in pkg; wt each 2½ lbs.

PLUMBS AND LEVELS

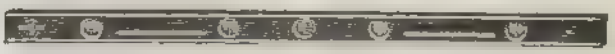
SAND'S

Mason's. Four plumbs and two levels, protected glasses; size stock 2½x1¼ inches. Each
No. 3A—Length 48 ins $8 25

One in pkg; wt each 2½ lbs.

Mason's. Brass end plates; four plumbs and two levels, protected glasses; size stock 2¼x1⅛ inches. Each
No. 4ABE—Length 48 ins $9 30

One in pkg; wt each 3½ lbs.



Mason's. Brass bound; four plumbs and two levels, protected glasses; size stock 2½x1¼ inches. Each
No. 7A—Length 48 ins $12 00

One in pkg; wt each 3½ lbs.

Mason's. Cast aluminum frame; accurately machined top and bottom. Four plumbs and two levels, protected glasses. Use either end or edge for plumb or level. Each
No. 42SA—Length 42 ins; size stock 2¾x1⅛ ins $19 50

One in cardboard box; wt each 3½ lbs.

IRON PLUMBS AND LEVELS

STANLEY

Japanned cast iron frame with nickel plated edges; adjustable proved glasses enclosed in nickel plated steel casing. One level glass and two plumbs.

Flat Bottom.

Nos.	Each	Lgth.	Width	Hgth.	Wt. Ea.
36-6	$4 65	6 in	¾ in.	1¾ in.	1 lb.
36-9	5 40	9 "	¾ "	1⅞ "	1½ "
36-12	5 85	12 "	⅞ "	2¼ "	2 "
36-18	6 50	18 "	⅞ "	2¼ "	3 "
36-24	7 80	24 "	⅞ "	2¼ "	4¼ "

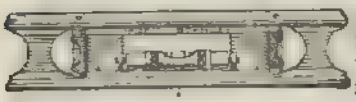
Grooved Bottom.

Nos.	Each	Lgth.	Width	Hght.	Wt. Ea.
36G-9	$5 70	9 "	¾ "	1⅞ "	1½ "
36G-12	6 00	12 "	⅞ "	2¼ "	2 "
36G-18	7 50	18 "	⅞ "	2¼ "	3 "
36G-24	8 40	24 "	⅞ "	2¼ "	4¼ "

One in cardboard box.

IRON PLUMBS AND LEVELS

STANLEY



Nickel plated cast iron frame, height 2¼ inches, width ⅞ inch; ground glasses encased in nickel plated adjustable steel eclipse case, which protects glass from being broken; one level glass and two plumbs.

Nos.	37-12	37-24
Length, ins	12	24
Wt each, lbs	2	4¼
Each	$8 25	12 00

One in cardboard box.

ALUMINUM PLUMBS AND LEVELS

SAND'S

Machinists.

Cast aluminum frame, accurately machined grooved edge. Two plumbs and two levels, use either end or edge for plumb or level. Spirit glasses are covered and hermetically sealed by heavy plate glass lenses.

Nos.	6V	9V	12SA
Length, ins	6	9	12
Height, ins	2	2	2¼
Width, ins	1	1	1⅛
Wt each, lbs	¾	1	1¼
Each	$6 75	8 25	9 00

One in box.

SAND'S

Cast aluminum frame; accurately machined top and bottom. Two plumbs and two levels. Levels either end or edge up. Non-adjustable. Spirit glasses are covered and hermetically sealed by heavy plate glass lenses.

Each

No. 18SA—Length 18 ins; height 2¼ ins; width 1 1/16 ins.. $9 30

One in cardboard box; wt each 1¾ lbs.

SAND'S

Cast aluminum frame; accurately machined top and bottom. Four plumbs and two levels. Levels either end or edge up. Non-adjustable. Spirit glasses are covered and hermetically sealed by heavy plate glass lenses.

Nos.	24SA	26SA	28SA	30SA
Length, ins	24	26	28	30
Height, ins	2¼	2¼	2¼	2¼
Width, ins	1 1/16	1⅛	1⅛	1⅛
Wt each, lbs	2	2¼	2½	2¾
Each	$10 95	12 00	13 50	14 25

One in cardboard box.

STANLEY

Cast aluminum frame, height 2¼ inches; width ⅞ inch; accurately machined top and bottom, insuring two perfectly parallel surfaces. Adjustable proved glasses enclosed in casing to prevent breaking. One level glass and two plumbs.

Nos.	237-12	237-18	237-24
Length, ins	12	18	24
Wt each, lbs	¾	1¼	1¼
Each	$9 75	11 25	13 50

One in cardboard box.

PLUMBS AND LEVELS

ELDER'S ANGLE STASTRAIT

First grade select, straight grained air dried stock, finished with water-proof red paint. All spirit vials are set solid and protected by heavy glass lens, making them dirt, dust and water proof. All vials permanently marked and set in openings that do not fully penetrate the stock, these openings are finished in white providing a background against which vials are easily read. Levels are constructed from white pine or redwood. Designed to plumb a corner both ways at one appliance. The angle when placed at top or bottom of a square or round object levels and straight edges at one application. This applies to both leveling and plumbing.

Mason's. Full brass bound on all five edges and ends. Oblong vial openings.

Nos.	42B5	48B5
Length, ins	42	48
Number of vials	10	12
Wt each, lbs	3	3¼
Each	$15 75	17 25

One in carton.

Mason's. Brass bound on three outer edges and ends. Oblong vial openings.

Nos.	42B3	48B3
Length, ins	42	48
Number of vials	10	12
Wt each, lbs	2¼	2¾
Each	$14 40	16 50

One in carton.

Mason's. Full brass bound on all five edges and ends. Round openings for plumb vials and oblong openings for level vials. 6 vials.

Nos.	42AB5	48AB5
Length, ins	42	48
Wt each, lbs	3	3¼
Each	$14 25	14 25

One in carton.

Mason's. Brass bound on three outer edges and ends. Round openings for plumb vials, oblong openings for level vials. 6 vials.

Nos.	42AB3	48AB3
Length, ins	42	48
Wt each, lbs	2¼	2¾
Each	$10 80	10 80

One in carton.

Mason's. Brass end plates. Oblong vial openings.

Nos.	42BE	48BE
Length, ins	42	48
Vials	10	12
Wt each, lbs	2	2¼
Each	$13 50	14 25

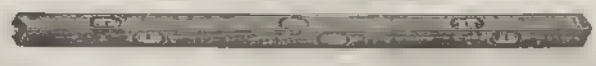
One in carton

PLUMBS AND LEVELS
ELDER'S ANGLE STASTRAIT

Mason's. Brass end plates. Round openings for plumb vials, oblong openings for level vials. Four plumbs and two levels.

Nos.	42ABE	48ABE
Length, ins	42	48
Wt each, lbs	2	2¼
Each	$10 80	10 80

One in carton



Mason's. Oblong vial openings.

Nos.	42P	48P
Length, ins	42	48
Vials	10	12
Wt each, lbs	1¾	2
Each	$11 25	13 20

One in carton

Mason's. Round openings for plumb vials, oblong openings for level vials. Four plumbs and two levels.

Nos.	42AP	48AP
Length, ins	42	48
Wt each, lbs	1¾	2
Each	$9 75	9 75

One in carton

Carpenter's. Full brass bound on all five edges and ends. Round openings for plumb vials, oblong openings for level vials. 6 vials. Each

No. 30B5—Length 30 ins. Four plumbs and two levels $10 80

One in carton; wt each 2 lbs

Carpenter's. Brass bound on three outer edges and ends. Round opening for plumb vials, oblong openings for level vials. 6 vials. Each

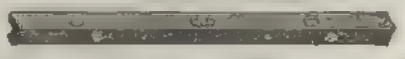
No. 30B3—Length 30 ins. Four plumbs and two levels $9 75

One in carton; wt each 1½ lbs.

Carpenter's. Full brass bound on all five edges and ends. Round openings for plumb vials, oblong opening for level vials. 6 vials. Each

No. 30AB5—Length 30 ins. Two plumbs in each end, two levels in center $10 80

One in carton; wt each 2½ lbs.



Carpenter's. Brass bound on three outer edges and ends. Round openings for plumb vials, oblong openings for level vials. 6 vials. Each

No. 30AB3—Length 30 ins. Two plumbs in each end, two levels in center $9 75

One in carton; wt each 1¾ lbs

PLUMBS AND LEVELS
ELDER'S ANGLE STASTRAIT

Carpenter's. Plain. Oblong vial openings. 6 vials. Each

No. 30P—Length 30 ins. Four plumbs and two levels $5 70

One in carton; wt each 1¾ lbs

Carpenter's. Plain. Oblong vial openings. Two plumb vials and two level vials. Each

No. 24P—Length 24 ins. $4 50

One in carton; wt each 1 lb.

Carpenter's. Plain. Round openings for plumb vials, oblong openings for level vials. 6 vials.

No. 30AP—Length 30 ins. Four plumbs and two levels $5 70

One in carton; wt each 1¾ lbs.

Carpenter's. Brass end plates. Round openings for plumb vials, oblong openings for level vials. 6 vials. Each

No. 30BE—Length 30 ins $6 75

One in carton; wt each 1½ lbs.

Carpenter's. Brass end plates. Round openings for plumb vials, oblong openings for level vials. 6 vials. Each

No. 30ABE—Length 30 ins $6 75

One in carton; wt each 1½ lbs

ALUMINUM LEVEL COMBINATIONS
ELDER'S

Aluminum frame with brass wing bolt through center for attaching to aluminum straight edges. Four vial openings, two levels and two plumbs.

Aluminum straight edges equipped with screw seats for aluminum level attachment. Level can be attached on either side or on top of angle straight edges. Will plumb and level accurately any round object or outside corner.

Combination consists of 6 inch aluminum level and straight edge.

Nos.	12VZ	18VZ
Length, straight edge, ins	12	18
Wt each, lbs	½	¾
Each	$9 75	11 25

One in carton

D 1

ALUMINUM PLUMBS AND LEVELS

STANLEY

Cast aluminum frame, height 2 inches; width 1⅛ inches; accurately machined top and bottom; fitted with six proved non-adjustable glasses, two double plumbs and one double level; all glasses are protected by a heavy glass cover.

Nos.	232-24	232-26	232-28	232-30
Length, ins	24	26	28	30
Wt each, lbs	2¼	2¾	2 15/16	2½
Each	$10 80	11 70	12 90	14 25

One in cardboard box.

MACHINISTS' LEVELS

STANLEY

Nickel plated cast iron frame; proved glasses set solid in plaster inside of an iron case; the top plate is entirely separate from the glass.

Nos.	38½	39½
Length, ins	4	6
Wt per doz, lbs	3½	8
Per Doz	$21 00	27 00

Half doz in cardboard box.

STANLEY

Eclipse, V Bottom.

Nickel plated, with ground glasses; for mill wrights and machinists; used in leveling up shafting, pipe, etc.; also used on flat surface as well. The outer shell of the level can be turned so as to completely protect the glass when not in use.

Nos.	34V-6	34V-8
Length, ins	6	8
Wt each, lbs	¾	1¼
Each	$5 25	6 75

One in cardboard box.

LINE AND SURFACE LEVELS

STEVENS

Aluminum body; end pieces and hooks are formed from one piece of nickel silver; spring nickel silver clips. A handy level for the machinist, millwright, carpenter and electrician, particularly adapted for road and highway construction, in excavation and survey work.

LINE LEVEL

Reverse clips prevent level from falling off line. Length 3 inches.

Per Doz

No. 550—Wt each ½ oz... $12 75

COMBINATION LINE AND SURFACE LEVEL

Attached with patented spring clips, can be used either with line or on flat or circular surfaces for leveling. Length 3 inches.

Per Doz

No. 552—Wt each ½ oz.....$18 75

One doz in cardboard box.

HALLS

An accurate proved level glass placed in octagon aluminum tube with spring nickel silver twin hooks attached at each end by two nickel silver rivets that pass through the tube and each pair of hooks holding them firmly in place. A metal carrier is provided to hold the level in place allowing it to rest on the under flat plumbing door and window frames. The most important feature is its use on a line for laying out foundations, grading, sewering and all classes of construction.

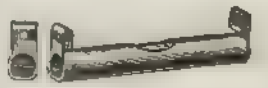
Per Doz

No. 1921—Length 3 ins $12 75

One doz in cardboard box; wt per doz ½ lb.

LINE AND SURFACE LEVELS

STANLEY



Aluminum tubing, bottom flat for surface leveling; one piece brass hooks and guards makes it impossible for it to fall off the line; proved glasses set perfectly level and solid, each hook machined and set same distance from bottom.

A handy level for laying foundations and walls, running grades, trimming hedges, etc.

Per Doz

No. 87—Length 3¼ ins; approx wt each ½ oz..... $19 50

Half doz on display card; wt per doz 1¼ lbs.

POCKET LEVELS

STANLEY

Iron body, japanned, steel set screw, can be attached to any straight edge or carpenter's square. Length 3¼ inches.

Per Doz

No. 40—Iron top plate..... $6 30

No. 41—Brass top plate..... 6 45

One doz in cardboard box; wt per doz 2 lbs.

STANLEY

Nickel plated, hexagon shaped steel case; proved glasses.

Nos.	31-2½	31-3
Length, Ins	2½	3
Wt per doz, lbs	¾	1
Per Doz	$15 75	18 00

Half doz in cardboard box.

LEVEL GLASSES

STANLEY

Proved glasses extra thick tubing. By a patented process each glass is marked at its central or crowning point by two indelible lines, enabling the user to very quickly center the bubble.

Straight Sizes.

Nos.	1S	1⅛S	1⅜S	1¾S	2S	2½S	3S	3½S
Length, Ins	1¼	1½	1¾	2	2½	3	3½	
Per Doz	$2 55	2 55	2 55	2 55	3 00	3 30	3 45	3 60

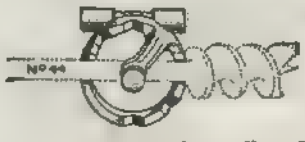
One doz in cardboard box; average wt gro 1¾ lbs.

Assorted Sizes. Per Ass't

No. 126A—Ass't consists of 12 glasses, 4 each, 1¾, 3 and 3½ in. glasses..... $3 30

BIT AND SQUARE LEVELS

STANLEY



Per Doz

No. 44—Cast brass frame and set screw, width 1⅜ ins; fits regular steel square and auger bits..... $14 40

One in cardboard box; wt per doz 2 lbs.

LEVEL SIGHTS

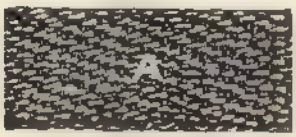
STANLEY

Steel frame, polished and blued finish; steel set screws; width of clamp 1⅜ in.; for long distance leveling.

Per Doz Prs

No. 138 For wood or metal levels..... $28 50

WICKS
LANTERN AND LAMP



FLAT

No. 1 or A. ⅝ inch wide, 8 inches long. Wt. gro., ¾ lb.....Gross $2 70

No. 2 or B. 1 inch wide, 8 inches long. Wt gro., 1¼ lbs.. ..Gross $4 00

No. 3 or D. 1½ inches wide, 8 inches long. Wt. gro., 1⅞ lbs.....Gross $6 00

Round.

A round solid woven wick for use with the Pet burner.

Pet .....Gross $2 00

One gross in a package

WICKS
LAMP

ROUND

No. 2 Rochester. Width when folded flat 2½ inches, length 6½ inches. Wt. gro., 5¼ lbs.....Dozen $1 80

Rayo. For Rayo and Magnet Lamps. Wt. gro., 6 lbs.....Dozen $3 00

One dozen in a package.

BURNERS
LAMP

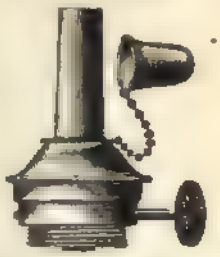
Combination Brass and Brass Plated Steel.

No. 1. For No. 1 Chimney and No. 1, ⅝ in. wick. Wt. doz., ¾ lb...Dozen $1 80

No. 2. For No. 2 Chimney and No. 2, 1 in. wick. Wt. doz., ⅞ lb...Dozen $2 40

One dozen in a box.

LANTERN



Pet. For use on No. 39 Railroad lanterns where a light that won't blow out in the wind is required. Takes the round pet wick, for kerosene. Wt. doz., ½ lb. .....Dozen $2 00

GASOLINE LAMPS
COLEMAN INSTANT-LITE

Coleman Instant-Lite lamps do away with any pre-heating, simply open the valve and light immediately with a match. Make and burn their own gas from ordinary gasoline. Produce 200 to 300 candle-power of white light according to pressure used. All are equipped with the new triple life generator, new automatic gas tip cleaner, new automatic safety air release, new style shade holders and use No. 41 Coleman Jr. Mantles.

No. 118A.

No. 117A.

No. 118A. Same as No. 119A with the following exceptions: Has No. 443-10 inch plain Kremelite shade; fount and handle finished in brown-gold Colac. Ship. wt. 10 lbs. .....Each $10 00

No. 117A. Same as No. 119A with the following exceptions: Has **separate air pump;** is fitted with No. 443-10 inch plain Kremelite shade; fount and handle finished in stippled green Colac. Ship. wt. 10 lbs. .....Each $9 50

One in a carton.

No. 119A.

No. 119A. Brass fount with crown rib embossing and handle of Grecian vase design. Finished in green-gold colac. Fuel capacity 3 pints, sufficient for 15 to 18 hours service. Has hand operated filler plug and **built in air pump.** Equipped with No. 444-12 inch Kremelite shade made of special heat-resisting cream colored opal glass decorated in harmonizing colors. Height over all 19½ inches. Packed one in a carton complete with shade, two mantels, wrench and tip pick. Ship. wt. 10½ lbs. .....Each $12 00

One in a carton.

GASOLINE LAMPS
COLEMAN QUICK LITE

Has ribbed embossed crown; built-in pump, hand operated filler plug and handle of Grecian vase design; fuel capacity, three pints; finish, brushed silver with ebony trim; equipped with new white Monax paneled shade, 10 inches in diameter, and regular Q70 burner. Height overall 19½ inches. One lamp in a carton, complete with shade, 2 mantles, wrench, cleaning pick, extra generator, and alcohol bottle with torch for generating where heavy grades of fuel are used. More than 40 hours service

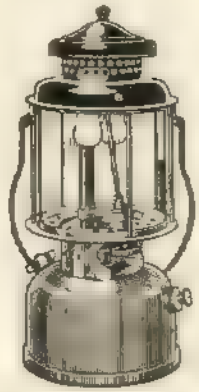
No. C331. Ship. wt. 10½ lbs..Each **$9 00**

The Standard Model Portable Quick-Lite Lamp; makes its own gas from any good grade of gasoline; lights with matches; 200 to 300 candle power according to pressure used; air-tight, leak-proof fount 8 inches in diameter, highly nickel plated, holds three pints of fuel—enough for 15 to 18 hours brilliant service; can't be filled while lighted; can't spill if tipped over; listed as Standard by Underwriters Laboratories; equipped with famous Q70 burner, Q99 generator and white opal 10 inch shade of exclusive Coleman panel design. Height overall 19½ in. One lamp in carton, complete with shade, 2 mantles, pump, wrench, cleaning pick and extra generator.

No. C329. Ship. wt. 10½ lbs..Each **$7 50**

GASOLINE LANTERNS
COLEMAN INSTANT-LITE

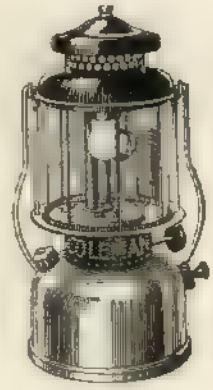
The new line of **Coleman Instant-Lite** lanterns do away with any preheating, simply open the valve and light immediately with a match. Make and burn their own gas from ordinary gasoline and produce 200 to 300 candle power of white light according to pressure used.



No. 220B. Nickel plated brass fount with **built in** air pump, six piece mica chimney and five inch green porcelain top. Fount has two pint capacity, enough for 12 to 15 hours service. Diameter of base 6 inches, height over all 14 inches. Packed one in a carton complete with two mantles, wrench and tip pick. Ship. wt. 6 lbs..Each **$8 50**

No. 228B. Same as No. 220B except has an 8¾ inch green porcelain reflector top, the under side of which is white enameled so that it reflects the light downward. This makes an ideal light for hen houses, in work shops or wherever a concentrated light is desired. One in a carton complete with two mantles, wrench and tip pick. Ship. wt. 6½ lbs. .....Each **$9 00**

GASOLINE LANTERNS
COLEMAN QUICK LITE



Same as No. L327 Lantern but with added improvement of built-in pump; hand operated filler plug and green porcelain enamel top. Fount holds two pints of fuel, enough for 12 to 15 hours service. One in carton complete with chimney, 2 mantles, wrench, cleaning pick, extra generator.

No. L427. Ship. wt. 6 lbs...Each **$7 50**

Operates like the Quick-Lite Lamp—has the same style of burner; uses the same generator and mantle; Mica chimney makes it wind-proof, storm-proof; insect-proof; fount and ventilator nickel finished; fount 6 inches diameter, holds 2 pints of gasoline, enough for 12 to 15 hours service; height overall 14 inches; one in a carton complete with Mica chimney, two mantles, pump, wrench, cleaning pick and extra generator.

No. L327. Ship. wt. 6 lbs...Each **$6 75**

FILTERING FUNNELS

COLEMAN

Much of the difficulty that users have with gasoline lighting and heating and cooking devices is caused by dirty gasoline. Such fuel quickly stops up the generators and gas tips and the result is improper operation. Gasoline accumulates dirt and impurities in handling; and also water, which is condensed in storage tanks. All this foreign matter can be removed when the gasoline is strained thru the Coleman Filtering Funnel. This funnel is strongly made, heavily copper plated and non-corrosive. In the bottom of the funnel is a fine brass wire strainer above which is a removable ring covered with a special filtering fabric. When this fabric is saturated with gasoline, water or dirt will not pass thru.

No. 0. Small size for gasoline lamp and lantern use. .....Each **$0 60**

No. 1. For use with Coleman stoves and other general use ....Each **$1 20**

MANTLES

FOR COLEMAN LAMPS AND LANTERNS

Made just right in size, shape, texture and chemical treatment to work properly with the Coleman gas tip and air intake in producing the wonderful 300 candle power brilliance.

No. 41 Coleman Junior. For Quick-Lite lamps and lanterns. ..Dozen **$1 50**

Two in a paraffine envelope; 1 dozen in a paper box, 1 gross in a display carton.

Service. Good serviceable mantles at a competitive price. For use with Coleman lamps and lanterns..Dozen **$1 25**

Two in a paraffine envelope; one dozen in a clasp envelope

MICA CHIMNEYS

FOR COLEMAN LANTERNS

No. 327. Thirteen piece. For Nos. L327 and L427 Lanterns..Dozen **$9 00**

No. 220. Six piece. For Nos. 220 and 228 lanterns .....Dozen **$10 80**

Twelve in a carton.

LAMP SHADES

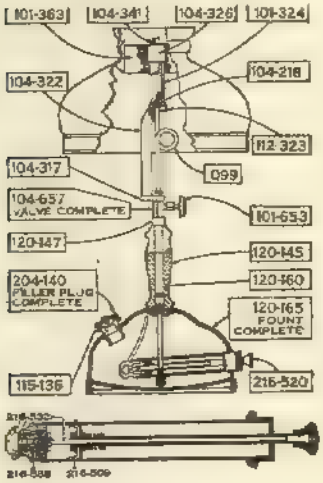
FOR COLEMAN LAMPS

No. 443. Plain Kremlite; diameter 10 inches .....Dozen **$18 00**

No. 444. Decorated Kremlite; diameter 12 inches ..... Dozen **$36 00**

REPAIRS FOR COLEMAN QUICK-LITE LAMPS

INTERCHANGEABLE PARTS FOR ALL MODELS "C", "B", "P" AND NO. C-331 QUICK-LITE LAMPS



New No. Q77. Old No. Q77. Generator (Straight Type) (199-299) .....Each $0 20

New No. Q99. Old No. Q99. Generator (Coil Type) (104-299) .....Each 35

New No. B55. Generator (Straight with cleaning device) .....Each 50

New No. 101-324. Old No. Q24 Burner Tube...Each 15

New No. 101-363. Old No. Q63. Shade Holder..Each 30

New No. 101-653. Old No. Q56b. Valve Stem Complete. .....Each 30

New No. 104-210. Old No. Q10. Jamb Nut.....Each 03

New No. 104-218. Old No. Q18. Gas Tip.....Each 06

New No. 104-317. Old No. Q17. Burner Support Coupling .....Each 18

New No. 104-322. Old No. Q11. Air Intake Tube..Each 36

New No. 104-326. Old No. Q26. Mixing Chamber.Each 48

New No. 104-341. Old No. Q41. Shade Holder Screw .....Each 06

New No. 104-399. Old No. Q70. Burner complete.Each 3 00

New No. 104-469. Old No. C69 Hanger .....Each 09

New No. 104-657. Old No. Q57. Valve Complete..Each 75

New No. 104-905. Old No. Q. Gas Tip Pick ....Each 06

New No. 112-323. Old No. Q23-25. Burner Cap and Screens .....Each 15

New No. 112-325. Old No. Q25. Burner Cap Screen .....2 for 06

New No. 216-509. Old No. Q. Pump Leather ..2 for 09

PARTS FOR MODEL "C" QUICK-LITE TABLE LAMPS ONLY

New No .101-522. Old No. Q. Pump .....Each $0 75

New No. 101-935. Old No. C35. Handle Metal Washer .....2 for 06

New No. 101-946. Old No. C46. Handle Fibre Washer .....Each 06

New No. 104-105. Old No. C5. Finishing Shell..Each 36

New No. 104,132. Old No. Q32. Filler Plug Air Stem .....Each 18

New No. 104-136. Old No. Q36 Filler Plug Gasket .....2 for 06

New No. 104-145. Old No. C45. Fibre Handle....Each 30

New No. 104-147. Old No. C47 Handle Lock Nut.Each 06

New No. 104-164. Old No. Q64b. Filler Plug Complete .....Each 60

New No. 104-165. Old No. C65 Fount Complete .....Each 5 40

New No. 104-950. Old No. Q. Wrench .....Each 15

Old No. *C45B. Handle Complete .....Each 45

*Supply Nos. 101-935, 101-946, 104,145 and 104-147.

PARTS FOR NO. C-331 QUICK-LITE TABLE LAMPS ONLY

No. 115-136. Filler Plug Gasket .....2 for $0 06

No. 120-145. Handle .....Each 36

No. 120-147. Handle Lock Nut .....Each 15

No. 120-160. Burner Support Tube with Feed Wire .....Each 45

No. 120-165. Fount Complete. .....Each 7 50

No. 204-140. Filler Plug Complete .....Each 48

No. 216-520. Pump Plunger (Less Air Stem.....Each 60

No. 216-532. Air Stem .....Each 24

No. 216-538. Check Valve .....Each 18

No. 362-950. Wrench .....Each 15

No. 605-920. Torch and Bottle .....Each 24

PARTS FOR MODEL "B" QUICK-LITE BRACKET LAMP ONLY

New No. 102-117. Old No B17. Screw and Foot.Each $0 15

New No. 102-143. Old No. B43. Stove Bolt for Foot (3/16x1/2 in. R. H.) .....2 for 06

New No. 102-165. Old No. B65 Fount Complete (with Arm and Connection) .....Each 6 60

New No. 102-446. Old No. B42. Hanger Ring and Nut .....Each 18

New No. 104-950. Old No. Q. Wrench .....Each 15

PARTS FOR MODEL "P" QUICK-LITE CHANDELIER LAMP ONLY

New No. 104-950. Old No. QW. Wrench .....Each $0 15

New No. 112-437. Old No. P37. Pipe Hanger 17 inch .....Each 36

New No. 113-440. Old No. P45. Outside Casing, 16¼ inch .....Each 36

New No. 113-165. Old No. P65. Fount Complete.Each 7 50

New No. 113-443. Old No. P43. Hanger Ring..Each 30

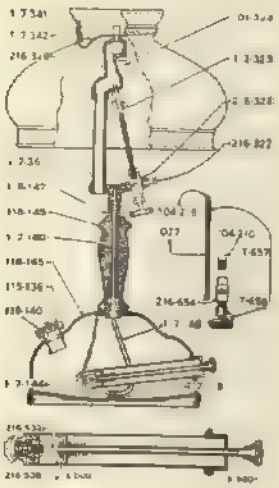
New No. 113-449. Old No. P49. Feed Tube.....Each 15

New No. 113-450. Old No. P47. Ornamental Shell Complete .....Each 60

New No. 113-475. Old No. P74. Arms and Feed Tube .....Each 3 60

REPAIRS FOR COLEMAN INSTANT-LITE LAMPS

MODELS 118 AND 119 WITH BUILT-IN PUMP

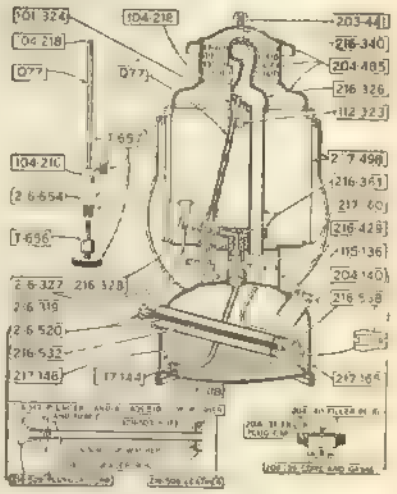


Parts not otherwise specified fit all models.

No. Q77. Generator (Straight Type) (199-299)	Each	$0 20
No. T657. Valve and Generator Complete (118-657)	Each	1 05
No. 101-324. Burner Tube	Each	15
No. 101-522. Pump (for No. 117 Lamp)	Each	75
No. 104-218. Jamb Nut	Each	03
No. 104-218. Gas Tip	Each	06
No. 104-905. Gas Tip Pick	Each	06
No. 112-323. Burner Cap and Screens	Each	15
No. 115-136. Filler Plug Gasket	2 for	06
No. 117-132. Filler Plug Air Stem (for No. 117 lamp)	Each	18
No. 117-144. Tip Protector and Screen	Each	09
No. 117-165. Fount complete (for No. 117 lamp)	Each	5 40
No. 117-341. Shade holder screw	Each	06
No. 117-342. Shade holder	Each	30
No. 118-140. Filler Plug complete (for No. 118 and No. 119 lamp)	Each	48
No. 118-165. Fount complete (for No. 118 and 119 lamp)	Each	7 50
No. 118-399. Burner Complete	Each	3 45
No. 118-520. Pump Plunger complete (less air stem) (for No. 118 and 119 lamp)	Each	60
No. 216-327. Valve Set Screw	Each	03
No. 216-328. Valve Bracket Wedge.	Each	03
No. 216-509. Pump Leather	2 for	09
No. 216-532. Air Stem (for No. 118 and No. 119 lamp)	Each	24
No. 216-538. Check Valve (for No. 118 and No. 119 lamp)	Each	18
No. 217-118. Fuel Tip	Each	06
No. 362-950. Wrench	Each	15
No. 217-144. Tip Protector and Screen	2 for	09

REPAIRS FOR COLEMAN INSTANT-LITE LANTERNS

NOS. 220 AND 228.

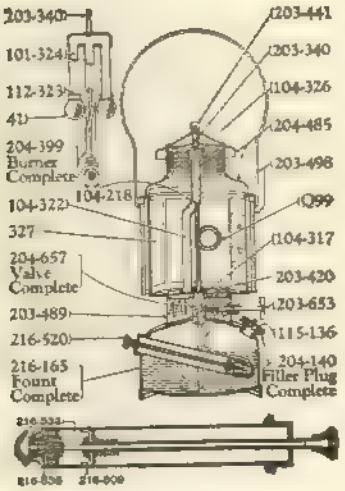


Parts Not Otherwise Specified Fit All Models.

No. Q77. Generator (Straight Type) (199-299)	Each	$0 20
No. T657. Valve and Generator Complete (118-657)	Each	1 05
No. 101-324. Burner Tube	Each	15
No. 104-218. Jamb Nut	Each	03
No. 104-218. Gas Tip	Each	06
No. 104-905. Gas Tip Pick	Each	06
No. 112-323. Burner Cap and Screens	Each	15
No. 115-136. Filler Plug Gasket	2 for	06
No. 117-144. Tip Protector and Screen	Each	09
No. 203-441. Ventilator Ball Nut (small) (For No. 220 Lantern)	Each	06
No. 204-140. Filler Plug Complete	Each	48
No. 204-485. Ventilator (Porcelain Small) (For No. 220 Lantern)	Each	1 50
No. 216-327 Valve Set Screw	Each	03
No. 216-328. Valve Bracket Wedge	Each	03
No. 216-340. Ventilator Rod	Each	06
No. 216-429. Globe Base Rest	Each	18
No. 216-441. Ventilator Ball Nut (Large for No. 228 Lantern)	Each	06
No. 216-509. Pump Leather	2 for	09
No. 216-520. Pump Plunger Complete (less Air Stem)	Each	60
No. 216-532. Air Stem	Each	24
No. 216-538. Check Valve	Each	18
No. 217-118. Fuel Tip	Each	06
No. 217-144. Tip Protector and Screen	2 for	09
No. 217-148. Feed Wire Complete	Each	54
No. 217-165. Fount Complete	Each	5 70
No. 217-498. Frame and Bail (For No. 220 Lantern)	Each	90
No. 220-399. Burner Valve and Generator Complete	Each	3 45
No. 227-480. Ventilator (Porcelain, large) (For No. 228 Lantern)	Each	1 95
No. 228-498. Frame and Bail (for No. 228 Lantern)	Each	90
No. 362-950. Wrench	Each	15

REPAIRS FOR COLEMAN QUICK-LITE LANTERNS

INTERCHANGEABLE PARTS FOR ALL QUICK-LITE LANTERNS



New No. Q77. Old No. Q77. Generator (Straight Type) (199-299) ..... Each $0 20
New No. Q99. Old No. Q99. Generator (Coil Type) (104-299) ..... Each 35
New No. 101-324. Old No. Q24. Burner Tube... Each 15
New No. 104-210. Old No. Q10. Jamb Nut ..... Each 03
New No. 104-218. Old No. Q18. Gas Tip ..... Each 06
New No. 104-317. Old No. Q17. Burner Support Coupling ..... Each 18
New No. 104-322. Old No. Q11. Air Intake Tube. Each 36
New No. 104-326. Old No. LQ26. Mixing Chamber ..... Each 48
New No. 104-905. Old No. Q. Gas Tip Pick.... Each 06
New No. 112-323. Old No. Q23-25. Burner Cap and Screens ..... Each 15
New No. 112-325. Old No. Q25. Burner Cap Screen ..... 2 for 06
New No. 203-340. Old No. LQ40. Ventilator Rod. Each 06
New No. 203-409. Old No. LQ19. Burner Frame Washer ..... 2 for 06
New No. 203-420. Old No. LQ20. Baffle Plate.. Each 15
New No. 203-441. Old No. LQ41. Ventilator Ball Nut (small) ..... Each 06
New No. 203-653. Old No. LQ55-16. Valve Stem Complete ..... Each 75
New No. 216-509. Old No. Q. Pump Leather .. 2 for 09

PARTS FOR NO. L327 QUICK-LITE LANTERN ONLY

New No. 101-522. Old No. Q. Pump ..... Each $0 75
New No. 104-132. Old No. Q32. Filler Plug Air Stem ..... Each 18
New No. 104-136. Old No. Q36. Filler Plug Gasket ..... 2 for 06
New No. 104-164. Old No. Q64R. Filler Plug Complete ..... Each 60
New No. 104-950. Old No. QW. Wrench ..... Each 15
New No. 203-165. Old No. LQ65. Fount Complete ..... Each 4 50
New No. 203-399. Old No. LQ70. Burner Complete ..... Each 2 70
New No. 203-485. Old No. LQ85. Ventilator. (Nickel) ..... Each 1 50
New No. 203-489. Old No. LQ89. Globe Base Rest. Each 15
New No. 203-498. Old No. LQ98. Frame and Ball. Each 90
New No. 203-657. Old No. LQ57. Valve Complete. Each 75

PARTS FOR NO. L427 WITH SEMI-CONCEALED BUILT-IN PUMP

New No. 115-136. Old No. L436 Filler Plug Gasket ..... 2 for $0 06
New No. 203-399. Old No. LQ70. Burner Complete ..... Each 2 70
New No. 203-485. Old No. LQ85. Ventilator (Nickel) ..... Each 1 50
New No. 203-489. Old No. LQ89. Globe Base Rest ..... Each 15
New No. 203-498. Old No. LQ98. Frame and Ball. Each 90
New No. 203-657. Old No. LQ57. Valve complete. Each 75
New No. 204-139. Old No. L433. Filler Plug Disc, Gasket and Screw ..... Each 15
New No. 204-140. Old No. L404B. Filler Plug Complete ..... Each 48
New No. 204-165. Old No. L465. Fount Complete. Obsolete; supply No. 204-657 and No. 216-165.
New No. 204-520. Old No. L401. Pump Plunger Complete (Less Air Stem) ..... Each 60
New No. 204-524. Old No. L400. Pump Barrel Complete ..... Each 90
New No. 204-530. Old No. L404. Pump Complete Each 1 50
New No. 204-657. Valve Complete ..... Each 75
New No. 216-165. Fount Complete ..... Each 5 70
New No. 216-532. Old No. L402. Air Stem ..... Each 24
New No. 362-956. Wrench ..... Each 15

INTERCHANGEABLE PARTS FOR NOS. L427 AND L227 QUICK-LITE LANTERNS

No. 115-136. Filler Plug Gasket ..... 2 for $0 06
No. 203-489. Globe Base Rest ..... Each 15
No. 204-139. Filler Plug Disc Gasket and Screw ..... Each 15
No. 204-140. Filler Plug Complete ..... Each 48
No. 204-399. Burner Complete ..... Each 2 70
No. 204-657. Valve Complete ..... Each 75
No. 216-165. Fount Complete ..... Each 5 70
No. 216-532. Air Stem ..... Each 24
No. 216-520. Pump Plunger Complete (Less Air Stem) ..... Each 60
No. 216-538. Check Valve ..... Each 18
No. 362-950. Wrench ..... Each 15

PARTS FOR NO. L427 QUICK-LITE LANTERN

(With Fully Concealed Built-in Pump)

No. 203-498. Frame and Bail. ..... Each $0 90
No. 204-485. Ventilator (Porcelain, small..... Each 1 50

PARTS FOR NO. L227 QUICK-LITE LANTERN ONLY

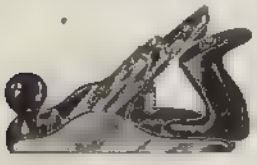
No. 227-480. Ventilator (Porcelain, large)..... Each $1 95
No. 227-498. Frame and Bail ..... Each 90

PLANES

KEYSTONE

These planes were designed and are intended for household and general use.

Strictly high grade quality. Blades are of polished steel; frames and caps cast iron, japanned, polished bottoms; japanned sides; hardwood varnished knobs and handles.



Smooth, Corrugated Bottom.

Screw and lever adjustments.

Each

No. 4KC—Length 9 ins; 2 in. cutter; wt each 3½ lbs..... $6 90

One in cardboard box.

Jack, Corrugated Bottom.

Screw and lever adjustments.

Each

No. 5KC—Length 14 ins; 2 in. cutter; wt each 4¾ lbs.... $7 95

One in cardboard box.

Iron Block.

Each

No. 110K—Length 7½ ins; 1⅝ in. cutter..... $2 37

One in cardboard box; wt each 1½ lbs.

Iron Block, Adjustable.

Each

No. 220K—Length 7½ ins; 1⅝ inch cutters..... $3 00

One in cardboard box; wt each 1½ lbs.

BAILEY, Wood Bottom Bench.

Varnished hardwood bottoms, knobs and handles; japanned cast iron frame and cap; tool steel cutter, tempered and polished; screw and lever adjustment.

Smooth.

Nos.	22	24
Length, ins	8	8
Width cut, ins	1¾	2
Wt each, lbs	2½	3
Each	$6 60	6 90

One in cardboard box.

Smooth, Handled.

Nos.	35	36
Length, ins	9	10
Width cut, ins	2	2⅜
Wt each, lbs	3½	4
Each	$8 25	9 00

One in cardboard box.

Jack, Fore and Jointer.

Nos.	Style	Length, ins	Width cut, ins	Wt each, lbs	Each
26	Jack	15	2	4	$7 20
28	Fore	18	2⅜	5½	9 00
31	Jointer	24	2⅜	6½	9 75

One in paper pkg.

Each

Extra Handles, For Nos., 26, 28, 31 and 35 ..... $0 60

Half doz in cardboard box; wt per doz 2 lbs.

PLANES

BAILEY, Iron Bottom Bench.

Japanned cast iron frame, polished bottoms, sides and caps; varnished rosewood knobs and handles. Tool steel cutters, tempered and polished; screw and lever adjustment.

Plain Bottom, Smooth.

Nos.	2	3	4	4½
Length, ins	7	8	9	10
Width cut, ins	1⅝	1¾	2	2⅜
Wt each, lbs	2½	3¼	2½	5
Each	$8 10	8 40	9 00	10 25

One in cardboard box.

Corrugated Bottom, Smooth.

Nos.	2C	3C	4C	4½C
Length, ins	7	8	9	10
Width cut, ins	1⅝	1¾	2	2⅜
Wt each, lbs	2¾	3	3½	4¾
Each	$8 55	9 00	9 75	11 25

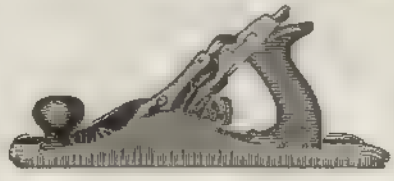
One in cardboard box.

Each

Extra Handles for above planes, except No. 2..... $0 99

Half doz in cardboard box; wt per doz 2 lbs.

BAILEY, Iron Bottom Bench.



Japanned cast iron frame, polished bottoms, sides and caps; varnished rosewood knobs and handles. Tool steel cutters, tempered and polished; screw and lever adjustment.

Plain Bottom.

Nos.	5¼	5	5½	6	7	8
Style	Jack	Jack	Jack	Fore	Jointer	
Length, ins	12	14	15	18	22	24
Width cut, ins	1¾	2	2⅛	2⅜	2⅜	2⅝
Wt each, lbs	3¾	4¾	6	7	7½	9
Each	$9 75	10 50	12 00	13 65	15 75	18 30

One in cardboard box.

Corrugated Bottom.

Nos.	5C	5½C	6C	7C	8C
Style	Jack	Jack	Fore	Jointer	
Length, ins	14	15	18	22	24
Width cut, ins	2	2¼	2⅜	2⅜	2⅜
Wt each, lbs	5	6	7	8	9
Each	$10 80	12 60	14 40	16 50	19 50

One in cardboard box.

Each

Extra Handles for above planes..... $0 99

Half doz in cardboard box; wt per doz 2 lbs.

STANLEY, Aluminum.

Aluminum bottom and frogs which provides an exceptionally light tool that will not rust; tool steel cutter, tempered and polished; screw and lever adjustment. Rosewood handles and knobs.

Smooth.

Length 9 inches; width cut 2 inches. Each

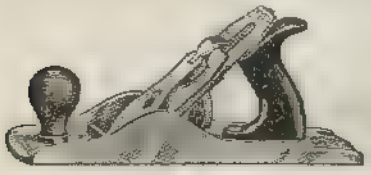
No. A4..... $12 00

One in cardboard box; wt each 2¼ lbs

For Bailey PLANE IRONS, See Page 82.

PLANES

Aluminum bottom and frogs which provides an exceptionally light tool that will not rust; tool steel cutter, tempered and polished; screw and lever adjustment. Rosewood handles and knobs.



Jack.

Length 14 inches; width cut 2 inches. Each
No. A5 ..... $13 50

One in cardboard box; wt each 2⅝ lbs.

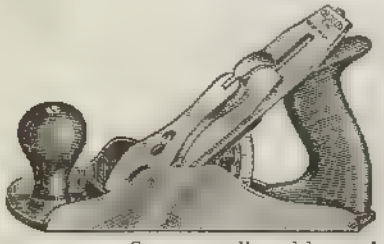
Fore.

Length 18 inches; width cut 2⅜ inches. Each
No. A6 $18 75

One in cardboard box; wt each 3½ lbs.

STANLEY, STEEL

Steel bottom, cap and adjustable front, unbreakable tool steel cutter, tempered and polished; screw and lever adjustment. Rosewood handles and knobs.



Smooth.

Length 9 inches; width cut 2 inches. Each
No. S4..... $10 20

One in cardboard box; wt each 3¼ lbs.

Jack.

Length 14 inches, width cut 2 inches. Each
No. S5..$11 40

One in cardboard box; wt each 4 lbs.

STANLEY, Iron Bottom Bench.

The cutter, frog and bottom are so designed that they are practically one solid piece of metal, thus preventing any chance of vibration. Frog may be adjusted either forward or backward without removing lever and cutter, while cutter is adjustable both end wise and side wise.

"Bed Rock", Plain Bottom, Smooth.

Nos.	602	603	604
Length, ins	7	8	9
Size cutter, ins	1⅝	1¾	2
Wt each, lbs	2¼	3¼	3¾
Each	$9 00	9 45	9 75

"Bed Rock", Corrugated Bottom, Smooth.

Nos.	603C	604C
Length, ins	8	9
Size cutter, ins	1¾	2
Wt each, lbs	3¼	3¾
Each	$9 75	10 80

One in cardboard box.

PLANES

STANLEY, Iron Bottom Bench.

The cutter, frog and bottom are so designed that they are practically one solid piece of metal, thus preventing any chance of vibration. Frog may be adjusted either forward or backward without removing lever and cutter, while cutter is adjustable both end wise and side wise.

"Bed Rock," Plain Bottom.

Nos.	605	606	607
Kind	Jack	Fore	Jointer
Length, ins	14	18	22
Size cutter, ins	2	2⅜	2⅜
Wt each, lbs	5½	7¼	8½
Each	$11 70	15 00	17 25

One in cardboard box.

"Bed Rock," Corrugated Bottom.

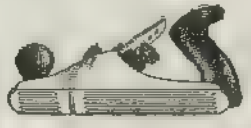
Nos.	605C	606C	607C
Kind	Jack	Fore	Jointer
Length, ins	14	18	22
Size cutter, ins	2	2⅜	2⅜
Wteach, lbs	5½	7¼	8½
Each	$12 30	15 75	18 00

One in cardboard box.

STANLEY GAGE, SELF SETTING

Japanned smooth iron castings, polished face and sides; varnished rosewood handle and knob; brass screw adjustment. The self setting feature lies in the fact that the plane iron if taken out to be sharpened goes back in exactly the same position as before removal. Likewise the plane cap when taken out to allow removal of cutter goes back in its same position.

The plane cap is so designed that by slight adjustment it connects the cutter to either single or double iron. The plane iron consists of three pieces; cutter, adjustment slide and binder plate, all being fastened by one screw. The adjustment slide is machined on its sides to accurately fit the groove machined in the frog and is permanently fixed both sideways and endwise.



Smooth, Corrugated Bottom.

Nos.	G3C	G4C
Length, ins	8¾	9
Width cutter, ins	1¾	2
Wt each, lbs	2¾	3
Each	$9 30	10 20

One in cardboard box.

Smooth, Plain Bottom.

Nos.	G3	G4
Length, ins	8¾	9
Width cutter, ins	1¾	2
Wt each, lbs	2¾	3
Each	$9 00	9 75

One in cardboard box.

Jack, Corrugated Bottom.

Each
No. G5C—Length 14 ins; width cutter 2 ins; wt each 4¼ lbs..... $10 70

One in cardboard box.

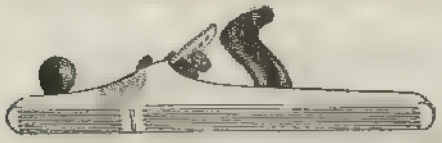
Jack, Plain Bottom.

Each
No. G5—Length 14 ins; width cutter 2 ins; wt each 4¼ lbs..... $10 95

One in cardboard box.

PLANES

STANLEY, GAGE SELF SETTING



Corrugated Bottom.

Fore and Jointer.

Nos.	Style	Length Ins	Cutter Ins	Wt Each Lbs	Each
66C	Fore	18	2¼	5¾	$15 00
67C	Jointer	22	2½	6½	17 25

One in cardboard box.

Plain Bottom.

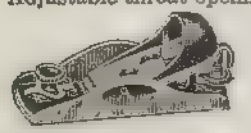
Fore and Jointer.

Nos.	Style	Length Ins	Cutter Ins	Wt Each Lbs	Each
66	Fore	18	2¼	5¾	$14 25
67	Jointer	22	2½	6½	16 50

One in cardboard box.

BAILEY, Iron Block.

Cast iron frames, polished bottoms and sides, tool steel cutters, tempered and polished. True screw adjustment. Adjustable throat opening, lateral adjustment.



Adjustable, Without Handle. Japanned Trimmings.

Nos.	9½	15
Length, ins	6	7
Width cutter, ins	1⅝	1¾
Each	$4 80	5 10

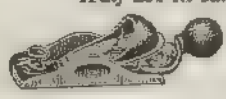
One in cardboard box; wt 1½ lbs.

Per Doz

No. 9½C—Extra cutters, 1¾ in; for No. 9½ plane ... $10 50

No. 15C—Extra cutters, 1¾ in; for No. 15 plane ... 10 50

Half doz in cardboard box; wt per doz 1½ lbs.



With Removable Rosewood Handle. Japanned Trimmings.

Each

No. 15½—Length 7 ins; cutter 1¾ ins ... $6 00

One in cardboard box; wt each ¾ lb.

Per Doz

No. 15½C—Extra cutters, 1¾ in; for No. 15½ plane $10 50

Half doz in cardboard box; wt per doz 1½ lbs.

This plane has the cutter set at a very low angle, which is of great advantage when working across the grain. Length 6 ins; width cutter 1⅝ ins.

Each

No. 60 Nickeled trimmings ... $5 70

No. 60½—Japanned trimmings ... 5 10

One in cardboard box; wt each 1¼ lbs.

Knuckle Joint.

Fitted with a new and patented form of lever or cap. The knuckle joint permits of great leverage, consequently the lever can be placed in position or removed. When clamped in place, it will hold the cutter firmly to its seat. Length 7 ins; width cutter 1⅝ ins.

Each

No. 65—Nickel plated trimmings ... $6 60

No. 65½—Japanned trimmings ... 5 40

One in cardboard box; wt each 1¼ lbs.

Per Doz

No. 65C—Extra cutters, 1⅝ in; for No. 65 plane ... $10 50

No. 65½C—Extra cutters, 1⅝ in; for No. 65½ plane ... 10 50

Half doz in cardboard box; wt per doz 1½ lbs.

PLANES

BAILEY, Iron Block.

Knuckle Joint.

Has a patented form of lever or cap, which, being made entirely of steel. A great improvement in this plane is the great leverage of the knuckle joint, which, when clamped in place will hold the cutter firmly to its seat. Nickel plated cap, lever and screws.

Each

No. 18—Length 6 ins; 1⅝ in. cutter ... $6 30

One in cardboard box; wt each 1½ lbs.

Per Doz

No. 18C—Extra cutters, 1⅝ in; for No. 18 plane ... $10 50

Half doz in cardboard box; wt per doz 1½ lbs.

STANLEY, Aluminum. Knuckle Joint.

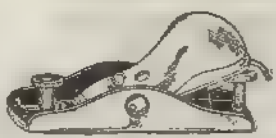
Aluminum body and frog; steel cap; tool steel cutter, tempered and polished. Knuckle joint when clamped in place affords great leverage and holds cutter firmly to its seat.

Each

No. A18—Length 6 ins; width cut 1⅝ ins ... $7 50

One in cardboard box; wt each ⅞ lb.

STANLEY, Steel Block. Knuckle Joint.



Steel bottom, cap and adjustable front unbreakable tool steel cutter, tempered and polished. Knuckle joint when clamped in place affords great leverage and holds cutter firmly to its seat.

Each

No. S18—Length 6 ins; width cut 1⅝ ins ... $7 50

One in cardboard box; wt each 1⅛ lbs.

Japanned cast iron frames and caps; tool steel cutters, tempered and polished.

STANLEY, Iron Block.

Toy Size. Not Adjustable.

Each

No. 101—Length 3½ ins; 1 in. cutter ... $1 05

Half doz in cardboard box; wt each ¾ lbs.

STANLEY, Iron Block.

Handled. Not Adjustable.

Each

No. 100—Length 8½ ins; 1 in. cutter ... $1 20

Half doz in cardboard box; wt each 1 lb.

STANLEY, Iron Block.

Not Adjustable.

Each

No. 102—Length 6½ ins; 1⅝ in. cutter ... $1 80

One in cardboard box; wt each 1 lb.

Per Doz

No. 102C—Extra cutters, 1⅝ in; for No. 102 plane ... $5 40

Half doz in cardboard box; wt per doz 1 lb.

PLANES

Japanned cast iron frame and caps, tool steel cutters, tempered and polished.

STANLEY, Iron Block.

Adjustable.

Each

No. 103—Length 5½ ins; 1⅝ in. cutter..... $2 55
One in cardboard box; wt each 1 lb.

Per Doz

No. 103C—Extra cutters, 1⅝ in; for No. 103 plane.... $7 60
Half doz in cardboard box; wt per doz 1 lb.

STANLEY, Iron Block.

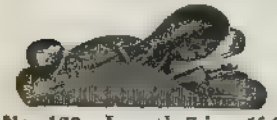
Hardwood Knob. Not Adjustable.

Each

No. 110—Length 7½ ins; 1⅝ in. cutter..... $2 55
One in cardboard box; wt each 1½ lbs.

Per Doz

No. 110C—Extra cutters, 1⅝ in; for No. 110 plane.... $8 25
Half doz in cardboard box; wt per doz 1 lb.



STANLEY, Iron Block.

Lever Adjustment.

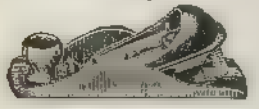
Each

No. 120—Length 7 ins; 1⅝ in. cutter..... $3 45
One in cardboard box; wt each 1½ lbs.

Per Doz

No. 120C—Extra cutters, 1⅝ in; for No. 120 plane... $10 50
Half doz in cardboard box; wt per doz 1 lb.

BSH



STANLEY, Iron Block.

Rosewood Knob, Screw Adjustment.

Each

No. 220—Length 7 ins; 1⅝ in. cutter..... $3 60
One in cardboard box; wt each 1½ lbs.

Per Doz

No. 220C—Extra cutters, 1⅝ in; for No. 220 plane... $10 50
Half doz in cardboard box; wt per doz 1 lb.

STANLEY, Iron Block.

Rosewood Knob, Screw Adjustment.

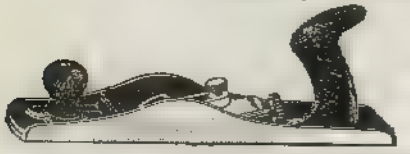
Each

No. 203—Length 5½ ins; 1⅜ in. cutter..... $3 15
One in cardboard box; wt each 1 lb.

Per Doz

No. 203C—Extra cutters, 1⅜ in; for No. 203 plane... $10 50
Half doz in cardboard box; wt per doz 1 lb.

STANLEY, Iron Block.



Adjustable.

Low Angle.

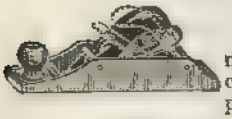
Hardwood handle and knob. Fitted with patent adjustable throat, which enables the user to work equally well on hard or soft wood.

Each

No. 62—Length 14 ins; 2 in. cutter..... $12 00
One in cardboard box; wt each 4 lbs.

STANLEY, Iron Block.

Double End.



Easily used as a block plane or cutter; may be reversed for planing in close corners not easily reached with other planes.

Not Adjustable, Hardwood Knob.

Each

No. 130—Length 8 ins, 1⅝ in. cutter..... $3 60
One in cardboard box; wt each 1¾ lbs.

Per Doz

No. 130C—Extra cutters, 1⅝ in; for No. 130 plane.... $8 25
Half doz in cardboard box; wt per doz 1½ lbs.

PLANES

Japanned cast iron frame and caps, tool steel cutters, tempered and polished.

STANLEY, Iron Block.

Adjustable Double End.

Hardwood knob; has two slots and movable cutter seat. When it is desired to use it as a bull nose plane the cap and cutter can be removed and the adjustable cutter seat reversed.

Each

No. 131—Length 8 ins; 1⅝ in. cutter..... $5 85
One in cardboard box; wt each 1¾ lbs.

STANLEY, Rabbet and Block.

A detachable side will easily change this tool from a block plane to a rabbet plane or vice versa; the cutter is set on a skew.

Each

No. 140—Length 7 ins; 1¾ in. cutter..... $6 30
One in cardboard box; wt each 2 lbs.

Per Doz

No. 140C—Extra cutters, 1⅝ ins; for No. 140 plane... $12 75
Half doz in cardboard box; wt per doz 1 lb.

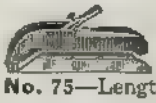
STANLEY, Side Rabbet.

For side-rabbeting and trimming dados, mouldings and grooves of all sorts. A reversible nose piece will give the tool a form by which it will work close up into corners when required.

Each

No. 98—Length 4 ins; ½ in. cutter..... $4 65
One in cardboard box; wt each about ½ lbs.

STANLEY, Bull-nose Rabbet.



Non-adjustable, polished bottom, for general rabbeting and working into close corners.

Each

No. 75—Length 4 ins; 1 in. cutter..... $1 65
One in cardboard box; wt about ¾ lb.

STANLEY, Carriage Makers' Rabbet.

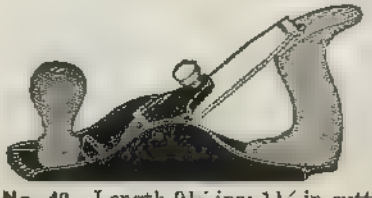
Varnished rosewood handle and knob; with screw and lever adjustments.

Each

No. 10½—Length 9 ins; 2⅛ in. cutter..... $12 00
One in cardboard box; wt each about 9 lbs

No. 10½C—Extra cutters, 2⅛ in; for No. 10½ plane.. 1 59
Half doz in cardboard box; wt per doz 5 lbs.

STANLEY, Scrub.



Japanned, cast iron frame; beech handle and knob. Designed for planing down to rough dimensions any board too wide to rip with saw. This is made possible by extra heavy cutter with rounded cutting edge.

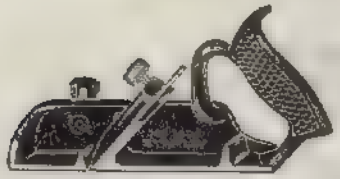
Each

No. 40—Length 9⅛ ins; 1¼ in cutter..... $4 95
One in cardboard box; wt each 2⅛ lbs.

PLANES

Cast iron frame, tool steel cutters, tempered and polished.

STANLEY, Improved Rabbet.

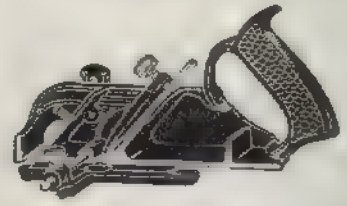


Japanned cast iron frame and handle. All fitted with detachable depth gauge. No. 190 with spur for working across grain. Length over all 8 inches.

	Each
No. 192—1 inch cutter; wt each 2 lbs	$5 55
No. 191—1¼ in. cutter; wt each 2¼ lbs	5 85
No. 190—1½ in. cutter; wt each 2½ lbs	6 30

One in cardboard box.

STANLEY, Duplex Rabbet and Filletster.

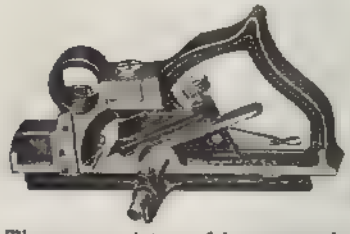


Japanned cast iron frame and handle. Can be used as a bull nose rabbet. The arm to which the fence is secured can be screwed into either side of the stock, making a superior right or left hand filletster, with adjustable spur and depth gauge.

	Each
No. 78—Length 8½ ins; 1¾ in. cutter	$6 90

One in cardboard box; wt each about 3 lbs.

STANLEY, Rabbet and Filletster.



Japanned cast iron frame, fence and handle. The arm to which the fence is secured can be screwed into either side of the stock, making a superior right or left hand filletster, with adjustable spur and depth gauge, allowing a groove to be cut any desired depth up to ½ inch. The screw at top of frame can be removed allowing the plane to be used as a bull nose rabbet. Plane is also equipped with spur for use in working across the grain.

	Each
No. 278—Length 6¾ ins; 1 in. cutter	$7 05

One in cardboard box; wt each 2 lbs.

STANLEY, Tongueing and Grooving.

Nickel plated cast iron frame and handle; rosewood knob. Has two plow cutters of the same width, and one extra wide cutter. When the guide or fence is set both cutters work and a tongue can be made. Fence hung on a pivot, can be swung around end for end. This movement covers one of the cutters.

	Each
No. 48—Length 10½ ins; cuts 5/16 in. groove on boards ¼ to 1¼ ins; centers on ⅞ in	$10 95

One in cardboard box; wt each 3¾ lbs.

PLANES

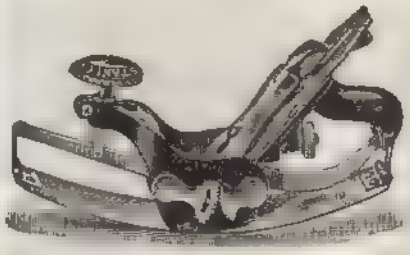
STANLEY, Double End Match.

Nickel plated cast iron frame, handle and cap. Provided with both tongue and groove irons, both governed by one permanent fence. With one side a tongue can be cut and by reversing ends the plane will cut a groove to fit. Tongueing tools made wide on one side for use on thicker stuff than plane will tongue and groove in the center.

Nos.	147	148
Length, ins	9	9
Size of cutter, ins	5/16	¾
For boards, ins	½ to ¾	¼ to 1
Centers on, ins	⅝	⅛
Wt each, lbs	2¼	2¾
Each	$9 00	9 75

One in cardboard box.

STANLEY, Adjustable Circular.



Japanned cast iron frames, caps and handles; polished bottom. Can be adjusted to work on concave or convex surfaces; graduated scale on the gears, face can be set to work an arc of the same circle, both concave and convex.

	Each
No. 113—Length 10 ins; 1¾ in. cutter	$15 75

One in cardboard box; wt each about 4 lbs.

STANLEY, Plow, Dado, Filletster and Matching.

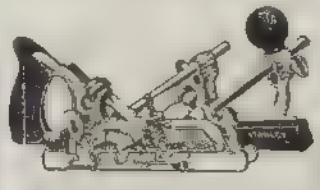
Nickel plated cast iron; rosewood handle and knob.

Has 8 plow and dado bits, 1/16 to 1¼ inch, one 1½ inch filletster cutter, 1 slitting blade, one ¼ inch tongueing tool. Is readily converted into a filletster, plow or matching plane. All the tools except the slitting blade are secured on the main stock askew.

	Each
No. 46—With 11 cutters; length 10½ ins	$23 25

One in cardboard box; wt each 6 lbs.

STANLEY, Adjustable Beading, Rabbet and Matching.



Nickel plated cast iron; rosewood handle, knob and fence.

Fitted with an adjustable fence or guide and a depth gauge also with spurs for use when working across the grain.

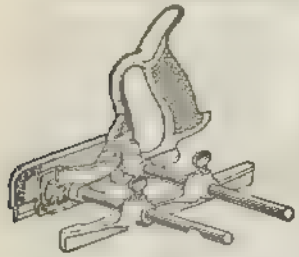
Has one 1½ inch sash tool, one ¼ inch match tool, one slitting tool, one 1¼ inch filletster, eleven plow and dado tools, ⅛ to ⅞ inch, seven beading tools, ⅛ to ½ inch.

	Each
No. 45—With 22 cutters; length 11 ins	$33 00

One in cardboard box; wt each 9½ lbs.

PLANES

STANLEY, Adjustable. Beading and Matching.



Nickel plated cast iron stock and frame. For ordinary center beading. By adjusting fence, center beading can be done up to 5 inches from the edge of a board. Except for working across the grain, the spurs need not be used. Each plane furnished with 1/8, 5/16, 1/4, 1/16, 3/8, 7/16 and 1/2 inch beading tools, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, and 1/8 inch plow and dado bits, and a pair of 1/4 inch, tongueing tools. Each

No. 50—With 15 cutters; length 9 1/4 ins $18 00

One in cardboard box; wt 5 1/2 lbs

STANLEY, Wood Workers' Handy Router.

Nickel plated, cast iron; beech-wood knobs; open throat. Furnished with patented pointed cutters.

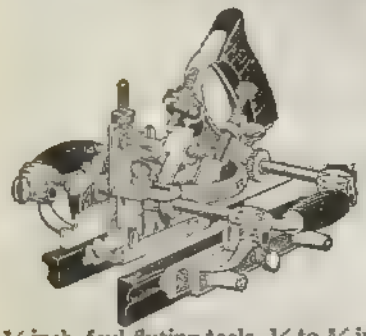
Perfectly adapted to smooth the bottom of grooves, panels or all depressions below the general surface of any wood work.

Bits can also be clamped to back side of upright post, and outside of stock. In this position will plane into corners, will router out mortises for sash frame pulleys, or will smooth surfaces not easily reached with any other tool. Each

No. 71—With one cutter each, 1/4 and 1/2 in; length 7 1/2 ins $8 55

One in cardboard box; wt each 2 1/2 lbs.

STANLEY, Patent, Universal.



Consists of a main stock with two sets of transverse sliding arms, a depth gauge adjusted by a screw and a sliding arm, and a sliding cutter with stop. The bottom is adjustable both vertically and laterally.

Has one 1 1/4 inch sash tool, one 1 1/4 inch match tool, one slitting tool, one fillester, eleven plow and dado tools, 1/8 to 3/8 inch, nine beading tools, 1/8 to 3/4 inch, foul fluting tools, 1/4 to 5/8 inch, four hollow cutters, 1/2 to 1 inch, four round cutters, 1/2 to 1 inch, two quarter hollow cutters, 1/2 and 3/4 inch, two quarter round cutters, 5/8 and 7/8 inch, three reverse ogee cutters, 1/2 to 1 inch, two Roman ogee cutters, 5/8 and 7/8 inch, three Grecian ogee cutters, 1/2 to 1 inch, two 1/4 round cutters with bead, 5/8 and 7/8 inch, three reeding tools, two beads, 1/8 to 1/4 inch. Each

No. 55—Nickel plated, cast iron frame; rosewood handles; complete with 53 tool steel cutters; tempered and polished, arranged in four separate cases $64 50

One in cardboard box; wt complete about 15 1/4 lbs.

STANLEY

Adjustable Scraper.

Japanned cast iron frame; rosewood handle and knob. The blade is adjustable endwise and for angle and can be firmly locked in any position desired.

This tool is used for scraping and finishing veneers, cabinet work or hard wood in any form. Can be used equally well as a tooth plane and scraping off old paint and glue. Each

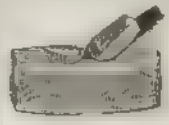
No. 112—Length 9 ins; 3 in. cutter $9 00

One in cardboard box; wt each 1 lbs.

WOOD BENCH PLANES

Selected seasoned beechwood, plain finish; extra quality cast steel cutters, tempered; polished starts.

Smooth.



Length 8 inches; width of cut 1 1/8 to 2 inches. Each

No. 03—Double Iron $3 75

Packed loose; wt each about 2 lbs.

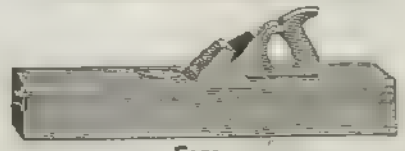
Jack.

Length 16 ins; width of cut 2 3/8 to 2 1/4 inches. Each

No. 015—Double Iron $4 50

Packed loose; wt each about 5 lbs.

Fore.



Each

No. 021—Double Iron; length 22 ins; width of cut 2 3/8 to 2 1/8 ins $7 50

Packed loose; wt each about 6 lbs.

PLANE IRONS

All orders for Plane Irons should specify the number of plane for which they are intended.

Special steel bit, tempered and sharpened.

COMMON, Single.

For common wood bench planes.

Nos.	200-2	200-2 1/8	200-2 1/4	200-2 3/8	200-2 1/2
Width cut, ins	2	2 1/8	2 1/4	2 3/8	2 1/2
Wt per doz, lbs	6	6 1/2	7 1/2	8 1/4	9
Per Doz	$18 00	18 75	19 50	21 00	22 50

Half doz in cardboard box.

COMMON, Double.

For common wood bench planes.

Nos.	201-2	201-2 1/8	201-2 1/4
Width cut, ins	2	2 1/8	2 1/4
Wt per doz, lbs	9 1/2	10 1/4	11
Per Doz	$23 25	24 00	25 50

Half doz in cardboard box.

BAILEY

Tool steel, tempered and polished, sharpened ready for use.

BAILEY, Single.

For iron and wood bottom bench planes.

Nos.	206-1 5/8	206-1 3/4	206-2
Width cut, ins	1 5/8	1 3/4	2
Wt per doz, lbs	2	2 1/2	3
Each	$1 20	1 35	1 35

Nos.	206-2 1/4	206-2 3/8	206-2 5/8
Width cut, ins	2 1/4	2 3/8	2 5/8
Wt per doz, lbs	3 1/2	4	5
Each	$1 65	1 65	1 68

Half doz in cardboard box.

BAILEY, Double.

For iron and wood bottom bench planes.

Nos.	207-1 3/4	207-2	207-2 1/4	207-2 3/8
Width cut, ins	1 3/4	2	2 1/4	2 3/8
Wt per doz, lbs	4 1/2	5 1/2	7	7 1/2
Each	$2 10	2 40	2 55	2 70

Half doz in cardboard box.

DETACHABLE BUCKLES AND STRAPS

ACCURATELY SET JEWELS

CUT COMPENSATED BALANCE

ALL PARTS ABSOLUTELY INTERCHANGEABLE

LOCUST

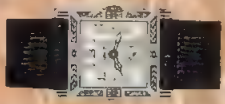
Discriminating Men Wear Locust Wrist Watches

THE prevailing style in Men's Watches decrees either the leather strap or metal band. The latter is designed either in a woven wire mesh, or a flexible link band bracelet, both of which are adjustable to size. A large variety of case designs, equipped with either leather or metal bands, gives opportunity for selection according to the buyer's preference.

The Locust movements, whether 15 or 17 Jewel, are sturdily constructed, and will easily withstand ordinary usage. Proper cleaning and oiling at frequent intervals will prolong the life of any watch.

Illustrations are 7/8 actual size.

Because of impending changes in U. S. Customs duty, all prices are subject to change without notice.



L4072—[illegible] Jewel Locust Movement, Cut Balance, 14 Kt. White Gold Filled Case, Leather Strap and Gold Filled Buckle $37.00

L4073—[illegible] Jewel Locust Movement, Cut Balance, White Rolled Plate, Case, Leather Strap and Buckle $28.00

L4074—[illegible] Lignes, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Leather Strap and Buckle $40.00

L4075—[illegible] Lignes, 15 Jewel Locust Movement, Cut Balance, White Oxidized Plate Case Curved to Fit the Wrist, Leather Strap and Buckle $42.00

L4076—[illegible] Lignes, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Leather Strap and Buckle $40.00

L4077—[illegible] Lignes, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Gold Filled Case, With Gold Filled Woven Mesh Band Bracelet $60.00

L4078—[illegible] Lignes, 17 Jewel Locust Movement, Cut Balance, 14 Kt. White Gold Filled Case, With Gold Filled Link Band Adjustable Bracelet $66.00

L4079—10½ Lignes, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Gold Filled Case, with White Link Band Adjustable Bracelet $42.00

L4080—10½ Lignes, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Numerals on Case, Red Segment or Big Figures, White Wooden Adjustable Mesh Band $33.50

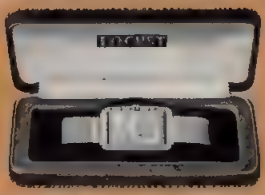
L4081—10½ Lignes, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, With White Woven Adjustable Mesh Band $31.50

L4082—[illegible] Lignes, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Curved to Fit the Wrist, With White Lana Fabric Bracelet $45.00

L4083—[illegible] Lignes, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Gold Filled Case, With Gold Filled Woven Mesh Band Bracelet $54.00

A SYMBOL OF REGULARITY

DETACHABLE BUCKLES AND STRAPS



ACCURATELY SET JEWELS

CUT COMPENSATED BALANCE

ALL PARTS ABSOLUTELY INTERCHANGEABLE

LOCUST

Wrist Watches For Both Conservative and More Modern Tastes

EVERY man, whether ultra-conservative, or with ideas leaning to the more modern, eventually wears a Wrist Watch. The usefulness of this type of Watch has been proven, and any of these Locust Wrist Watches will be a pleasure to wear. The choice of designs is dependent on individual tastes; but the dependability of the movement is equally good in all models.

Particular attention is called to lower priced Watches, which are designed to fill the need for the young boy, who is buying his first watch. They are as dependable as the more costly ones.

Illustrations are ⅞ actual size.

Because of impending changes in U. S. Customs duty, all prices are subject to change without notice.

L4084—10½ Ligne, 6 Jewel Lever Movement, Cut Balance, White Engraved Case, Radium Numerals and Hands, Leather Strap and Buckle $18.00

L4085—10½ Ligne, 7 Jewel Lever Movement, Cut Balance, White Rolled Plate Case, Radium Dial, Leather Strap and Buckle $19.50

L4086—With 15 Jewel Locust Movement $25.00

L4087—8 x 13 Ligne, 15 Jewel Locust Movement, Cut Balance, Radium Numerals and Hands, White Rolled Plate Case, Leather Strap and Buckle $33.50

L4088—10½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Radium Numerals and Hands, Leather Strap and Buckle $28.00

For Physicians and Nurses

L4089—10½ Ligne, 15 Jewel Locust Movement, Cut Balance, Center Second Hand, White Rolled Plate Case, Leather Strap and Buckle $35.00

L4090—10½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Radium Numerals and Hands, Leather Strap and Buckle $37.00

L4091—10½ Ligne, 17 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Linked For [illegible] to Any Article of Jewelry, Leather Strap and Buckle $35.00

L4092—17 Green Rolled Plate Case $35.00

L4093—10½ Ligne, 6 Jewel Locust Movement, Cut Balance, White Engraved Case, With White Woven Adjustable Mesh Band, Radium Numerals and Hands $20.00

L4094—10½ Ligne, 6 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, With White Woven Adjustable Mesh Band $28.00

L4095—With 15 Jewel Locust Movement $27.50

L4096—8 x 13 Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, With White Woven Adjustable Mesh Band $33.50

L4097—10½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, With White Woven Adjustable Mesh Band $33.50

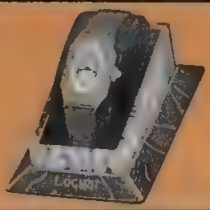
For Physicians and Nurses

L4098—10½ Ligne, 15 Jewel Locust Movement, Cut Balance, Center Second Hand, White Rolled Plate Case, With White Woven Adjustable Mesh Band $37.00

A SYMBOL OF REGULARITY

Guarantee

EVERY LOCUST WATCH HAS BEEN THOROUGHLY TESTED AND INSPECTED AT THE FACTORY IT WILL GIVE PERFECT SATISFACTION WITH PROPER CARE.



ACCURATELY SET JEWELS

CUT COMPENSATED BALANCE

ALL PARTS ABSOLUTELY INTERCHANGEABLE

L4001—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case set with 12 Diamonds and 1 Synthetic Sapphire, Flexible Filigree Expansible Bracelet with Center Catch ... $72.00

L4002—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case set with 2 Diamonds and 1 Synthetic Emeralds, Flexible Filigree Expansible Bracelet set with 2 colored Stones to Match with Center Catch ... $75.00

LOCUST

Diamond Set Watches

ONLY the choicest diamonds—only the most brilliant Synthetic Stones are selected to make up these most desirable of all watches. The varied selection shown on this page makes a choice possible

The refined distinction of the finely woven mesh bands, which do not fray or wear as do ribbons—sets off to advantage the beauty of the case. The flexible bracelets supplied with the more moderately priced items are the latest in watch fashions.

Illustrations are ⅞ actual size.

Because of impending changes in U. S. Customs duty, all prices are subject to change without notice.

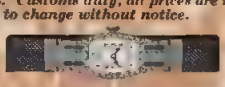
L4003—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case set with 2 Diamonds and 1 Synthetic Sapphire, Flexible Filigree Expansible Bracelet with Center Catch ... $72.00

L4009—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case set with 2 Diamonds and 1 Synthetic Sapphire, Flexible Filigree Expansible Bracelet set with 2 colored Stones to Match with Center Catch ... $75.00

L4004—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case set with 6 Diamonds and 1 Synthetic Sapphire, Gold Filled Adjustable Woven Mesh Band ... $120.00

L4010—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case set with 11 Diamonds and 1 Synthetic Sapphire, Gold Filled Adjustable Woven Mesh Band ... $100.00

L4005—6½ Ligne, 17 Jewel Locust Movement, Cut Balance, 18 K. White Solid Gold Case set with 10 Diamonds and 3 Synthetic Sapphires, Gold Filled Adjustable Woven Mesh Band ... $125.00



L4007—6½ Ligne, 17 Jewel Locust Movement, Cut Balance, 18 K. White Solid Gold Case set with 10 Diamonds and 3 Synthetic Emeralds, Gold Filled Adjustable Woven Mesh Band ... $135.00

L4011—6½ Ligne, 17 Jewel Locust Movement, Cut Balance, 18 Kt. White Solid Gold Case set with 11 Diamonds and 2 Synthetic Emeralds, Gold Filled Adjustable Woven Mesh Band ... $125.00

L4006—6½ Ligne, 17 Jewel Locust Movement, Cut Balance, 18 Kt. White Solid Gold Case set with 4 Diamonds and 2 Synthetic Emeralds, Gold Filled Adjustable Woven Mesh Band ... $125.00

L4008—6½ Ligne, 17 Jewel Locust Movement, Cut Balance, 18 K. White Solid Gold Case set with 10 Diamonds and 3 Synthetic Emeralds, Gold Filled Adjustable Woven Mesh Band ... $200.00

L4012—6½ Ligne, 17 Jewel Locust Movement, Cut Balance, 18 K. White Solid Gold Case set with 11 Diamonds and 1 Synthetic Sapphires, Gold Filled Adjustable Woven Mesh Band ... $135.00

A SYMBOL OF REGULARITY

L4013—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case with Green Gold Bands. Black Silk Braided Cord Wrist Band $50.00

A Smart Parisian Creation with Patented Adjustable Feature allowing Adjustment to any Wrist. Fashionable Case and Model.

L4014—5½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case with Green Gold Bands. Braided Leather Two-Color Cord Wrist Band $65.00

Perfect harmony of Braided Leather Cord with Adjustable Feature is the Model for Perfect Manner of wearing a Watch.

LOCUST

Watches in Solid Gold Cases

LOCUST Watches are offered in cases selected for beauty of design. All cases on this page are of 14 Kt. White Gold exquisitely chased, or severely plain to satisfy the varied demands of purchasers. Their beauty is further enhanced by the metal attachments so much in vogue of late, either with the graceful flexible bracelets, or finely woven mesh bands, all of which are adjustable to size.

Accurately set jewels, Standardized parts, and all modern refinements in manufacturing are the outstanding features of Locust movements.

Each Watch is presented in a handsome container suitable for gift purposes.

Illustrations are ⅞ Actual Size.

Because of impending changes in U. S. Customs duty, all prices are subject to change without notice.

L4015—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case with Gold Filled Filigree Flexible Expansion Bracelet with Center Catch $42.00

L4016—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case with Gold Filled Filigree Flexible Expansion Bracelet with Center Catch $44.00

L4017—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case with Gold Filled Filigree Flexible Expansion Bracelet with Center Catch $45.00

L4018—5½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case, Gold Filled Filigree Flexible Expansible Bracelet with Center Catch $55.50

L4019—6 Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case, Gold Filled Adjustable Woven Mesh Bracelet $60.00

L4020—4½ Ligne, 7 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case set with 4 Synthetic Emeralds. Flexible Filigree Bracelet set with 27 Colored Stones to Match $62.00

L4021—With 17 Jewel Locust Movement $70.00

L4022—6½ Ligne, 17 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case set with 4 Synthetic Emeralds. Flexible Filigree Expansible Bracelet set with 27 Colored Stones to Match $70.00

L4023—With 17 Jewel Locust Movement $80.00

L4024—6½ Ligne, 17 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case, Gold Filled Filigree Bracelet with Center Catch $50.00

L4025—6½ Ligne, 7 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case, Gold Filled Filigree Bracelet with Center Catch $45.00

L4026—6½ Ligne, 17 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case, Gold Filled Adjustable Woven Mesh Bands $50.00

L4027—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case, Gold Filled Adjustable Woven Mesh Bands $58.50

L4028—6 Ligne, 7 Jewel Locust Movement, Cut Balance, 14 Kt. White Solid Gold Case, Gold Filled Adjustable Bracelet with Center Catch $37.00

A SYMBOL OF REGULARITY

L4029—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Flexible Filigree Expansible Bracelet..... $35.00

L4030—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Flexible Filigree Expansible Bracelet set with 2 Colored Stones..... $38.00

LOCUST

More Moderately Priced Watches

L4031—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, 14 Kt. White Gold Filled Case, Fancy Engraved Flexible Filigree Expansible Bracelet..... $38.00

L4032—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Flexible Filigree Expansible Bracelet..... $37.00

L4033—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, With Heavy Mesh Band Bracelet..... $33.50

L4034—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Flexible Filigree Expansible Bracelet..... $33.50

L4035—6½ Ligne, 6 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Flexible Filigree Expansible Bracelet..... $26.00

Same as above, with 7 Jewel Locust Movement..... $32.00

L4036—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Fancy Engraved Flexible Filigree Expansible Bracelet..... $37.00

L4037—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Flexible Filigree Expansible Bracelet set with 2 Colored Stones..... $37.00

L4038—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, With Heavy Mesh Band Bracelet..... $33.50

L4039—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, With White Heavy Mesh Band Bracelet..... $33.50

L4040—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Flexible Filigree Expansible Bracelet..... $37.00

Sport Watches — Sturdy Models for Rugged Wear

L4027—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, With Detachable Leather Strap and Buckle..... $35.00

L4026—6½ Ligne, 6 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, With Detachable Leather Strap and Buckle..... $24.00

L4028—With 15 Jewel Locust Movement..... $32.00

L4044—6½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, With Flexible Bracelet..... $37.00

A SYMBOL OF REGULARITY

L4045—6¾ Ligne, 15 Jewel Locust Movement, Cut Balance. White Rolled Plate Case. With Black Silk Braided Cord Wrist Band $33.50

A Smart Parisian Creation with Patented Adjustable Feature allowing Adjustment to any Wrist. Fashionable, Chic and Modish.

L4046—6¾ Ligne, 15 Jewel Locust Movement, Cut Balance. White Rolled Plate Case. With Black Silk Braided Cord Wrist Band $35.00

Fashion dictates that the Braided Silk Cord is the Adjustable Feature is the Modish and Practical Manner of wearing a Watch.

LOCUST

Watches With Black Silk Ribbon

THE conservative woman prefers a Watch whose attractiveness is increased by the contrasting white of the Watch and the Black of the silk grosgrain ribbon. The Watches on this page are either in White Rolled Plate cases, or in White 14 Kt. Solid Gold cases, with black ribbons, and white buckles, whose quality matches that of the cases.

The movements whether 15 or 17 Jewels, or less, are well constructed, and the certificate of the test which accompanies each Watch, is the guarantee of the Maker to the Wearer.

Each Watch is packed in a useful and handsome presentation box.

Illustrations are ⅞ actual size.

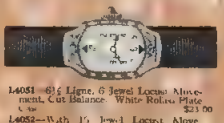
Because of impending changes in U. S. Customs duty, all prices are subject to change without notice.

L4047—10½ Ligne, 6 Jewel Locust Movement, Cut Balance. With Second Hand White Rolled Plate Case $15.00

L4048—10½ Ligne 6 Jewel Locust Movement Cut Balance. Without Second Hand. White Rolled Plate Case $15.00

L4049—6¾ Ligne, 6 Jewel Locust Movement, Cut Balance. White Rolled Plate Case $21.00

L4050 With 15 Jewel Locust Movement $28.00

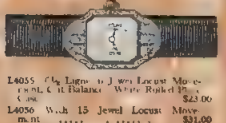


L4051—6¾ Ligne, 6 Jewel Locust Movement, Cut Balance. White Rolled Plate Case $23.00

L4052—With 15 Jewel Locust Movement $31.00

L4053—6¾ Ligne, 6 Jewel Locust Movement Cut Balance. White Rolled Plate Case $23.00

L4054—With 15 Jewel Locust Movement $31.00



L4055—6¾ Ligne 15 Jewel Locust Movement, Cut Balance. White Rolled Plate Case $23.00

L4056 With 15 Jewel Locust Movement $31.00

Modernistic Designs in Colored Enamel

Either Black, Green, or Blue with Colored Mesh Band to Match.

Specify Color Desired.

L4057—6¾ Ligne, 6 Jewel Locust Movement, Cut Balance. White Rolled Plate Case With Colored Woven Mesh Band Bracelet $29.50

L4058—With 15 Jewel Locust Movement $37.00

L4059—6¾ Ligne, 6 Jewel Locust Movement Cut Balance White Rolled Plate Case With Colored Woven Mesh Band Bracelet $29.50

L4060—With 15 Jewel Locust Movement $37.00

L4061—6¾ Ligne, 15 Jewel Locust Movement, Cut Balance. White Rolled Plate Case $30.00

L4062—14 Kt. White Solid Gold Case $42.00

L4063—6¾ Ligne, 15 Jewel Locust Movement, Cut Balance. 14 Kt. White Solid Gold Case $42.00

L4064—With 17 Jewel Locust Movement $50.00

L4065—6¾ Ligne, 18 Jewel Locust Movement Cut Balance. 14 Kt. White Solid Gold Case $60.00

L4066—With 17 Jewel Locust Movement $48.00

L4067—6¾ Ligne, 15 Jewel Locust Movement, Cut Balance. 14 Kt. White Solid Gold Case $43.00

L4068 With 17 Jewel Locust Movement $53.00

L4069—6¾ Ligne, 15 Jewel Locust Movement, Cut Balance 14 Kt. White Solid Gold Case $52.00

L4070—6¾ Ligne, 15 Jewel Locust Movement, Cut Balance. 14 Kt. White Solid Gold Case $59.00

L4071 With 17 Jewel Locust Movement $66.00

A SYMBOL OF REGULARITY

RADIO
SETS & PARTS

DEPARTMENT Nº 5-R

"A" Battery Eliminators . . . 1209
A. C. Power Unit . . . 1209
Antenna and Battery Switches . . . 1215
Antenna Equipment . . . 1214
Antenna Insulators . . . 1214
Antenna Wire . . . 1214
"B" Battery Eliminators . . . 1209
Batteries . . . 1211,1212
Battery Cables . . . 1213
Battery Chargers . . . 1211
Battery Clips . . . 1213
Battery Fillers . . . 1213
Battery Switches . . . 1215
Battery Syringe Hydrometers . . . 1213
Battery Testers . . . 1213
Choke Coils . . . 1210
Condensers . . . 1216
Dry Batteries . . . 1211,1212
Extension Cords for Loud Speakers . . . 1206
Grid Leaks . . . 1216
Ground Clamps . . . 1215
Head Phones . . . 1206
Hydrometers . . . 1213
Lead Insulators . . . 1216
Lighting Arrestors . . . 1215
Line Testers . . . 1213
Logs, Radio . . . 1216
Loud Speaker Units . . . 1206
Loud Speakers . . . 1205,1206
Plugs . . . 1206
Radio Cabinets . . . 1205
Radio Light Tenna . . . 1214
Radio Logs . . . 1216
Radio Sets . . . 1202 to 1204
Radio Tables . . . 1205
Radio Tubes . . . 1207,1208
Renewal Bulbs . . . 1211
Short Wave Adapters . . . 1206
Socket Test Meters . . . 1213
Soldering Irons . . . 1216
Storage Batteries . . . 1212
Switches . . . 1215
Transformers . . . 1210,1216
Tube Testers . . . 1209
Tubes . . . 1207,1208
Wire Connectors . . . 1214

BELKNAP HARDWARE & MFG. CO.
INCORPORATED
LOUISVILLE, KY.

RADIO SETS

LONG DISTANCE, SIX TUBE

Shielded Outdoor Antenna Type. Two Tuning Dials. Wave Length Range 200 to 600 Meters.

Distinguished for performance and clear tone. The solid steel cabinet gives added shielding properties that greatly contribute to the selectivity and performance of this set.

TUBES—Six.

USES—Receiving Radio programs broadcast on two hundred to six hundred meter wave lengths, five hundred to fifteen hundred kilo-cycles.

SPECIAL FEATURES.

1. Good distance, volume, selectivity and quality.
2. Tuned by a single illuminated dial.
3. Neat and compact.
4. All tuning elements enclosed by metal shielding.
5. Carefully inspected and tested both at factory and by our own Radio experts.
6. Exceptionally sturdy because of design, material (including flexible wires) and construction.

CURRENT SUPPLY—(A) 6 volts; Plate (B) Either battery or battery eliminator; Filament 45, 90, & 135 volts; grid bias. (C) 9 Volts.

ANTENNA—Outdoor.

CONTROLS—One tuning dial, on and off switch, and volume control (Potentiometer).

TYPES OF CIRCUIT—Three stages of tuned radio frequency, a detector and two stages of transformer coupled audio frequency amplification.

MATERIALS AND SIZE:

Panel—Steel frosted brown crackled finish 18x7 inches.
Sub-Panel—Bakelite.
Shielding—Steel.
Cabinet—Wood, dark American walnut finish.

Battery Operated.

		Each
No. LD-6—Receiver only	109 89	$55 00
No. BG201-A—Tubes (5 only)	2 40	1 40
No. BG171A—Tubes (1 only)	4 32	2 50
No. B-12—"B" Batteries (4 only)	5 40	4 00
No. BC-2—"C" Batteries (2 only)	2 91	1 50
No. T20—"A" Batteries (1 only)	30 96	15 50
No. OKH-DSR—Loud Speaker	39 96	20 00
No. CA—Antenna	3 51	1 75
		Per Set
No. LD-6-C—Complete as listed above	228 06	$120 75

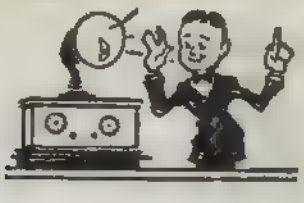
Console Type.

		Per Set
No. T-LD-6-C—Complete with No. 31M Console Table	276 06	$144 75

Carefully packed for shipment; approx wt 35 lbs.

PANEL LAMPS

		Each
No. PL—6 volt miniature bulb for above set	30	$0 14



RADIO SETS

LONG DISTANCE

LAMP SOCKET OPERATED USING ALTERNATING CURRENT TUBES

Will give unusual service and perfect reception. Has good range, volume, selectivity and tone because of the simple and sound design of the circuit and the high grade materials out of which it is made.

TUBES—Six in Receiver and one rectifying tube in Power Pack—**Seven** in all.

USES—Receiving Radio programs broadcast on two hundred to six hundred meter wave lengths, five hundred to fifteen hundred kilo-cycles.

SPECIAL FEATURES—

1. No Batteries required.
2. Furnished with all connections made except antenna, ground, loud speaker and light socket.
3. Tuned by a single illuminated dial.
4. Neat and compact.
5. All tuning elements enclosed by metal shielding.
6. Carefully inspected and tested both at the factory and by our own Radio experts.
7. Exceptionally sturdy because of design, material, (including flexible wires) and construction.

CURRENT SUPPLY—AC single phase, 60 cycle 110 volt.

ANTENNA—Outdoor.

CONTROLS—One tuning dial, on and off switch, and volume control (Potentiometer). Has good distance, volume, selectivity and tone quality.

TYPES OF CIRCUIT Three stages of tuned radio frequency, a detector and two stages of transformer coupled audio frequency amplification.

POWER PACK—Supplies all current, filament plate and grid necessary to operate receiver from light socket.

MATERIALS AND SIZE:
Panel—Steel frosted brown crackled finish 18x7 inches.
Sub-Panel—Bakelite.
Shielding—Steel.

Receiver and Power-Pack in one Cabinet as illustrated) **poplar BROWN MAHOGANY Hand Rubbed Finish.**

Length 19¼ inches; width 15 inches; depth 8¼ inches.

	Each	Each
No. LD-6AC—Receiver and Power-Pack	149 85	$75 00
No. BG226—Tubes (4 only)	3 45	2 00
No. BG227—Tubes (1 only)	5 19	3 00
No. BG171-A Tubes 1 only	4 32	2 50
No. BG280—Tubes 1 only	6 06	3 50
No. OKH-DSR—Loud Speaker	39 96	20 00
No. CA—Antenna Equipment	3 51	1 75

	Per Set	
No. LD-6AC-C—Complete as listed above	222 69	$113 75

Carefully packed for shipment; wt 120 lbs.

Receiver and Power-Pack in Separate STEEL CABINETS. Frosted Crackle Brown Finish.

Receiver: length 18¼ inches; width 9¼ inches; depth 7¼ inches. Power-Pack: 16¾x4¼x6¾ inches

	Each	Each
No. M-LD-6AC—Receiver and Power-Pack	139 86	$70 00
No. BG226 Tubes (4 only)	3 45	2 00
No. BG227 Tubes (1 only)	5 19	3 00
No. BG171-A Tubes (1 only)	4 32	2 50
No. BG280 Tubes 1 only	6 06	3 50
No. OKH-DSR—Loud Speaker	39 96	20 00
No. CA—Antenna Equipment	3 51	1 75

	Per Set	
No. MLD-6AC-C—Complete as listed above	212 70	$108 75

Carefully packed for shipment; wt 120 lbs.

RADIO SETS

—OLD KENTUCKY HOME—A.C. EIGHT TUBE

Lamp Socket Operated Using Alternating Current Tubes.

Doors Fold Back Flat

CONSOLE TYPE

The pleasing proportions and interesting details in this cabinet instantly appeal to all who see it. The built-in loud speaker is of the latest type and reproduces reception with unusual clarity and mellowness.

Compact and efficient, easy to operate because of the single drum tuning dial.

The compactness, simplicity and modern character of the whole assembly is very manifest.

TUBES—Eight in Receiver and one rectifying tube in Power Pack. Nine in all.

USES—Receiving Radio programs broadcast on two hundred to six hundred meter wave lengths, five hundred to fifteen hundred kilo-cycles.

SPECIAL FEATURES:

1. Unsurpassed in distance, volume, selectivity and tone.
2. Furnished with all connections made except antenna, ground, loud speaker and light socket.
3. Tuned by a single illuminated dial.
4. Neat and compact.
5. All tuning elements enclosed by metal shielding.
6. Carefully inspected and tested both at the factory and by our own Radio experts.
7. Exceptionally sturdy because of design, material, including flexible wires and construction.
8. One of the finest radio receivers made.
9. Worm drive for revolving drum and gang condensers.

CURRENT SUPPLY—AC single phase, 60 cycle 110 volt.

ANTENNA—Outdoor.

CONTROLS—One tuning dial, on and off switch and volume control Potentiometer. It also has a switch turning off the radio frequency amplifying tubes and rehostat controlling the filament of audio amplifying tubes. The latter are used when the audio frequency amplifying systems of the receiver is being used in connection with a Phonograph.

TYPES OF CIRCUIT—Three stages of balanced and shielded neutrodyne radio frequency amplification, a detector and three stages of audio frequency amplification.

The first two are transformer coupled and consists of one tube each. The last stage of audio frequency amplification contains two tubes parallel called "push pull."

POWER PACK—Supplies all current, filament plate and grid necessary to operate receiver from light socket.

MATERIAL AND SIZE—

Cabinet—Burl walnut, handsomely finished.
Panel—Burl walnut.
Shielding—Aluminum.
Top 17x26 inches; height 55 inches.

* * * *

There are no better Radio Sets made than the Old Kentucky Home.

* * * *

CONSOLE TYPE CABINETS

		Each
No. 1140—Cabinet with direct current Dynamic cone installed	148 86	$74 50

CONSOLE TYPE RADIO SETS

With Dynamic Type Speaker.

		Each
No. 1140-OKH-8—Cabinet, DC Dynamic cone and OKH-8 Receiver	398 58	$199 50
No. BG226—Tube (5 only)	3 45	2 00
No. BG227—Tube (1 only)	5 19	3 00
No. BG245—Tube (2 only)	6 06	3 50
No. BG280—Tube (1 only)	6 06	3 50
No. BGA—Antenna Equipment	6 48	3 25

		Per Set
No. 1140-OKH-8C—Complete as listed above	445 68	$226 25

Crated; wt each 150 lbs.

* * * *

Sturdily built. Nothing weak or frail to easily get out of order.

* * * *

RADIO LOUD SPEAKERS

NEWCOMBE-HAWLEY, PORTABLE TYPE

Fitted With Dynamic Cone Unit Reproducer.

This very attractive portable reproducer is furnished in an American walnut cabinet, it is a neat design and beautifully finished.

USES—With 110-115 volt, 60 cycle A. C. operated receivers.

SPECIAL FEATURES—Dynamic Cone Reproducer mounted behind a cloth covered grille.

MATERIAL AND FINISH—Walnut, antique walnut rubbed finish; old gold silk grille.

SIZE—Height 12¼ inches; width 14½ inches; depth 10¾ inches.

	Each
No. 969—Equipped with Model NH-9 Dynamic Cone Reproducer Unit	157 50
One in carton; wt each 30 lbs.	*$70 00*

Fitted With Magnetic Unit Reproducer.

This attractive portable reproducer is finished in a beautiful burl walnut cabinet, and appeals to set owners who desire a reproducer that requires very little space.

USES—With any type radio receiver and requires no special power amplifiers for its operation.

SPECIAL FEATURES—Magnetic Cone Reproducer mounted behind a cloth covered grille.

MATERIAL AND FINISH—Burl walnut, antique walnut rubbed finish; old gold silk grille.

SIZE—10½x10½x7¼ inches.

	Each
No. 83—Equipped with Newcombe-Hawley Model 80 magnetic cone reproducer	63 00
One in carton; wt each 20 lbs.	*$28 00*

RADIO TABLES

GOODRICH

Five-ply selected veneer, top and front duo-tone finish.

Side-arm extensions level with top for support of loud speaker and log book. Ample space in compartment for all necessary batteries.

Size top closed 14x30 inches; size top extended 14x47 inches; size battery compartment 24x13x11 inches.

	Each
No. E-31M—Mahogany finish	$48 00
No. E-31W—Walnut finish	48 00
One in crate; wt each 60 lbs.	

Write our Radio Department for full information pertaining to our complete line of Radio Sets and Parts. Without doubt we can serve you satisfactorily.

D 5R

RADIO ACCESSORIES AND PARTS

LOUD SPEAKERS

—OLD KENTUCKY HOME—
Cone Type.

Cast metal base, rich bronze finish; heavy parchment cone, mottled brown finish with gold decorations, gold and black braid around the edges. Adjustable unit mounted on wood eliminating metallic sound. Complete with 6 feet of silk covered cord and connections. May be used on all receiving sets from 90 to 450 volts. Height over all 18 inches.

	Each
No. OKH-16—Diam cone 16 ins; wt each 10 lbs	$24 75
No. OKH-20—Diam 20 ins; wt each 12 lbs	36 96

One in carton.

—OLD KENTUCKY HOME—
Drum Type.

Acoustical fibre tone chamber in an attractive drum metal case, dark brown enamel finish; cast bronze lacquer finish base with rubber feet. A new type reproducer that embodies an entirely new, scientifically correct principle of tone reproduction. Reproduces every tone from a low to that of full orchestra volume. The great volume of tone range is obtained by the combined action of the matched Baldwin unit and acoustically correct exponential design tone chamber.

	Each
No. OKH-D-SR—Width drum 14⅝ ins, height 12¼ ins; height over all 14½ ins	39 96 *$20 00*

One in carton; wt each 22 lbs.

LOUD SPEAKER UNITS, NATHANIEL BALDWIN, Rival.

Metal diaphragm, encased in aluminum shell. Fitted with thread stem to which suitable adapter may be attached to fit tone arm of phonographs. Complete with 5 feet of cord.

	Each
No. R—Diam 2½ ins	13 98 *$7 00*

One in cardboard box; wt each ¾ lb.

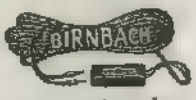
LOUD SPEAKER UNITS, NATHANIEL BALDWIN
Concert Grand.

Mica and metal diaphragm, encased in drawn aluminum shell. Fitted with threaded stem to which suitable adapter may be attached to fit tone arm of phonohgraphs. Complete with 5 feet of cord.

	Each
No. CG—Diam 2 5/16 ins	24 00 *$12 00*

One in cardboard box; wt each ¾ lb.

EXTENSION CORDS FOR LOUD SPEAKERS



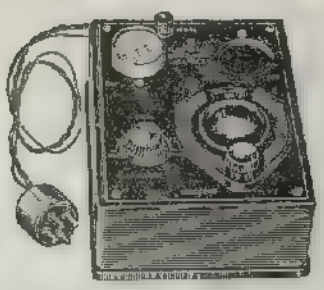
Enables moving loud speaker from room to room without disturbing radio set. Consists of rubber insulated stranded copper wires covered with brown mercerized braid, tips and one piece composition connector plug.

	Each
No. 1200E—Length 20 ft; wt each 2 ozs	2 01 *$1 00*
No. 123—Length 50 ft; wt each 5 ozs	4 38 *$2 20*

One in cardboard box.

RADIO ACCESSORIES AND PARTS

DE LUXE SHORT WAVE ADAPTERS



USES—To receive on ordinary radio sets, broadcasting stations that are broadcasting on short waves, that is 15 to 80 meters.

SPECIAL—FEATURES—Lessens static. Increases the daytime reception. Enables receiving long distance European stations with a high quality of reproduction. Has only one tuning dial. Doubles the value of any radio receiver because it allows the reception of another complete broadcasting band. When plugged into a receiver, will enable it to receive all of the important stations that broadcast on short wave bands.

Complete with three tuning coils for different wave lengths from 17 to 85 meters.

MATERIAL—Polished black bakelite case.

CAPACITY—3 coils, 15 to 80 meters.

SIZE CASE—6⅝x5⅝x2¾ inches.

	Each
No. UY-S—For use on A. C. operated sets. Equipped with UY tube socket adapter	44 94 *$22 50*
No. UX-S—For use on battery operated sets. Equipped with UX tube socket adapter	44 94 *22 50*

One in carton; 12 in stand pkg; wt each 2½ lbs.

HEAD TELEPHONE SETS TOWER SCIENTIFIC
With Cord.

Light weight metal shell, with two coils securely fastened to shell and held rigid at six points. Headbands are made of specially woven material, soft and pliable, giving necessary support without extra weight or uncomfortable pressure.

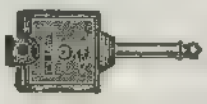
	Each
No. TSHS—Wt each 1¼ lbs	$6 15

One in cardboard box.

REPAIRS FOR HEAD PHONES

Nos.		Each
170	Fone cord, double wire	1 14 *$0 60*
191	—Fone cord, single wire	72 *35*

BRACH, Shock-Proof.



Solid brass sleeve; bakelite base. No metal parts exposed to shock the user; attachment to cord automatic; insulated to withstand high voltages for loud speakers.

	Each
No. SP—Length 2⅝ ins	1 05 *$0 50*

One in cardboard box; wt each 2 ozs.

BEACON PLUGS

Solid brass sleeve; bakelite base; adjustable for cord tips without taking apart. Can be used with any standard make of jack.

	Each
No. 316—Length 2½ ins	72 *$0 35*

One in cardboard box; wt each 2 ozs.

MA-MA DOLLS

SMART STYLES—NEW CREATIONS

The dolls illustrated below represent the very latest in doll creations. The features are very child-like and dresses are exceptionally colorful and well made. They all have moving eyes and eye lashes, shoes, stockings and mohair wigs. The automatic Ma-Ma voice is unusually natural. These dolls instantly appeal to all who see them.

Refer to page 1771 for prices and descriptions.

BABY CRYING DOLLS

ENTIRELY NEW, VERY CHIC

True reproductions of young babies and children. The shapes are perfect and all features are as near natural as possible to produce. Dresses fit perfectly and are well made. Babies have bootees and socks, painted hair and moving eyes. Nos. 400, 401 and 399 are felt dressed dolls and are unusually popular.

Refer to page 1771 for prices and descriptions.

NEW DESIGN IN DOLLS

BEAUTIFULLY DRESSED IN BRIGHT COLORS

New in design and dress. All dolls have a life-like appearance and appeal to all children. Dresses are well sewed and fitted with caps to match.

NO. 129
HEIGHT 20 IN.

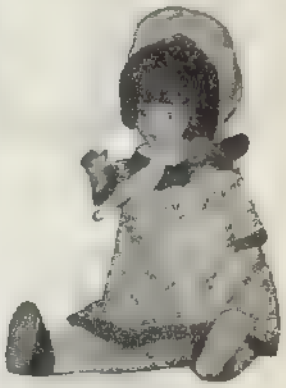
NO. 126
HEIGHT 18 IN.

NO. 145
HEIGHT 22 IN.

NO. 125
HEIGHT 18 IN.

NO. 123
HEIGHT 16 IN.

NO. 135
HEIGHT 22 IN.



NO. 19
HEIGHT 16 IN.

NO. 750
HEIGHT 15 IN.

NO. 130
HEIGHT 20 IN.

NO. 917
HEIGHT 7 IN.

NO. 780
HEIGHT 21 IN.

NO. 725
HEIGHT 10 IN.

Refer to page 1774 for prices and descriptions.

BABY DOLLS

NEW IN DESIGN AND FEATURES

Dolls illustrated on this page represent popular sellers at moderate prices. They are all dressed in colorful materials and instantly appeal to all children. Heads are unbreakable and the chubby features are very life-like.

Refer to page 1774 for prices and descriptions.

MA-MA DOLLS

Prices and descriptions for Dolls illustrated on page 1772.

Per Doz

No. 155—Height 27 inches, dressed in rayon (assorted colors); natural hair; cotton stuffed; weight per doz 39 lbs $165 00

No. 2528—Height 22 inches; dressed in rayon (assorted colors ; natural hair; cotton stuffed; weight per doz 37 lbs 198 00

No. 1503—Height 23 inches; dressed in organdy; natural hair; moving eyes; stuffed body; weight per doz 42 lbs. 138 00

No. 160—Height 27 inches; dressed in beautiful colored rayon; marcelled hair; stuffed body; weight per doz 42 lbs 216 00

No. 1612—Height 25 inches, dressed in colorful organdy; natural hair; stuffed body; weight per doz 48 lbs. 168 00

No. 134—Height 20 inches, dressed in flowered organdy; natural hair, stuffed body; weight per doz 30 lbs. 90 00

No. 1746—Height 28 inches; dressed in organdy; natural hair, stuffed body, weight per doz 63 lbs . . 210 00

No. 542—Height 17 inches; dressed in rayon, very colorful; natural hair; stuffed body; weight per doz 24 lbs 168 00

No. 850—Height 18 inches; colorfully dressed in felt; marcelled hair; stuffed body; weight per doz 22 lbs 180 00

No. 159—Height 29 inches; dressed in flowered organdy (assorted colors,; natural hair; stuffed body; weight per doz 48lbs 156 00

One in cardboard box.

For illustrations of above dolls see page 1772.

BABY CRYING DOLLS

Prices and descriptions for Dolls illustrated on page 1773.

Per Doz

No. 1215—Height 19 inches; dressed in organdy, cap to match, painted hair; stuffed body; weight per doz 36 lbs $102 00

No. 612—Height 14 inches; dressed in white organdy, cap to match; painted hair, stuffed body; weight per doz 12 lbs. 24 00

No. 240—Height 7 inches; dressed in white organdy, painted eyes; excelsior stuffed, painted hair, weight per doz 5 lbs 6 45

No. 245—Height 8½ inches; dressed in white organdy; moving eyes, excelsior stuffed body; painted hair, weight per doz 7 lbs 12 75

No. 400—Height 13 inches; dressed in colorful felt; natural hair; painted eyes; stuffed body; weight per doz 12 lbs. 60 00

No. 401—Height 15 inches; dressed in beautiful felt; natural hair, painted eyes; stuffed body; weight per doz 18 lbs 78 00

No. 624—Height 12 inches; dressed in pink organdy; painted hair and eyes stuffed body; weight per doz 24 lbs 39 00

No. 625—Height 14 inches; dressed in white organdy; moving eyes; painted hair; stuffed body; weight per doz 18 lbs. 60 00

No. 901—Height 15 inches; dressed in white organdy; with knit sweater and cap; painted hair, stuffed body; weight per doz 24 lbs. 132 00

No. 626—Height 17 inches, dressed in white organdy; moving eyes; painted hair; stuffed body; wt per doz 24 lbs 84 00

No. 399—Height 20 inches; dressed in colorful felt; painted hair and eyes; stuffed body; weight per doz 30 lbs 73 50

No. 900—Height 17 inches, dressed in pink organdy, moving eyes; painted hair; stuffed body; weight per doz 24 lbs. 120 00

No. 902—Height 20 inches dressed in white organdy; painted hair; moving eyes; stuffed body; weight per doz 39 lbs. 156 00

No. 627—Height 21 inches, dressed in organdy; painted hair and moving eyes; stuffed body; weight per doz 48 lbs 120 00

One in cardboard box.

For illustrations of above dolls see page 1773.

BABY DOLLS

Prices and descriptions for Dolls illustrated on page 1775.

MA-MA DOLL

Per Doz

No. 129—Height 20 ins; dressed in attractive print; moving eyes; natural hair; excelsior stuffed body; cotton stuffed legs; shipping wt per doz 24 lbs..... $63 00

CRYING DOLL

No. 126—Height 18 ins; dressed in printed dimity; moving eyes; natural hair; excelsior stuffed body; cotton stuffed legs; shipping wt per doz 23 lbs..... 60 00

MA-MA DOLL

No. 145—Height 22 ins; dressed in printed organdy; moving eyes; natural hair; cotton stuffed; shipping wt per doz 36 lbs..... 117 00

CRYING DOLL

No. 125—Height 18 ins; dressed in blue organdy; moving eyes; natural hair; cotton stuffed; shipping wt per doz 18 lbs..... 60 00

CRYING DOLL

No. 123—Height 16 ins; dressed in printed organdy; moving eyes; natural hair; excelsior stuffed body; cotton stuffed legs; shipping wt per doz 12 lbs..... 48 00

CRYING DOLL

No. 135—Height 22 ins; dressed in rayon; moving eyes; natural hair; excelsior stuffed body; cotton stuffed legs; shipping wt per doz 30 lbs..... 99 00

CRYING DOLL

No. 19—Height 16 ins; dressed in printed gingham; moving eyes; natural hair; excelsior stuffed body; cotton stuffed legs; shipping wt per doz 12 lbs..... 21 50

IMPORTED DOLL

No. 725—Height 10 ins; dressed in felt; painted eyes; natural hair; excelsior stuffed; shipping wt per doz 3 lbs..... 6 30

MA-MA DOLL

No. 130—Height 20 ins; dressed in printed lawn; moving eyes; natural hair; cotton stuffed; shipping wt per doz 24 lbs..... 78 00

IMPORTED DOLL

No. 917—Height 7 ins; dressed in felt; natural hair; moving eyes; composition body and legs; shipping wt per doz 3 lbs..... 12 75

IMPORTED DOLL

No. 780—Height 21 ins; dressed in colorful felt; painted eyes; natural hair; excelsior stuffed; shipping wt per doz 24 lbs..... 54 00

IMPORTED DOLL

No. 750—Height 15 ins; dressed in felt, painted eyes; natural hair; excelsior stuffed; shipping wt per doz 6 lbs..... 12 75

One in cardboard box.

For illustrations of above dolls see page 1775.

Prices and descriptions for Dolls illustrated on page 1776.

CRYING DOLL

Per Doz

No. 112—Height 25 ins; dressed in printed gingham; painted hair and eyes; excelsior stuffed; shipping wt per doz 24 lbs..... $39 00

CRYING DOLL

No. 18—Height 20 ins; dressed in gingham; painted hair and eyes; excelsior stuffed; shipping wt per doz 18 lbs..... 27 75

CRYING DOLL

No. 122—Height 20 ins; dressed in dimity; painted eyes; natural hair; excelsior stuffed body; cotton stuffed legs; shipping wt per doz 18 lbs..... 42 00

CRYING DOLL

No. 306—Height 14 ins; dressed in printed dimity; painted hair and eyes; excelsior stuffed; shipping wt per doz 6 lbs..... 12 30

No. 302—Height 12 ins; dressed in gingham; painted hair and eyes; excelsior stuffed; shipping wt per doz 5 lbs..... 6 30

No. 301—Height 12 ins; dressed in printed gingham; painted hair and eyes; excelsior stuffed; shipping wt per doz 5 lbs..... 6 30

CRYING DOLL

No. 17—Height 17 ins; dressed in printed lawn; painted eyes; natural hair; excelsior stuffed; shipping wt per doz 12 lbs..... 24 00

IMPORTED DOLL

No. 919—Height 11 ins; stuffed felt doll with painted face; shipping wt per doz 2 lbs..... 12 75

CRYING DOLL

No. 307—Height 14 ins; dressed in printed dimity; painted eyes and hair; excelsior stuffed; shipping wt per doz 6 lbs..... 12 75

CRYING DOLL

No. 110—Height 20 ins; dressed in colorful print; painted eyes and hair; excelsior stuffed; shipping wt per doz 18 lbs..... 28 50

CRYING DOLL

No. 16—Height 17½ ins; dressed in blue organdy; painted eyes and hair; excelsior stuffed body; cotton stuffed legs; shipping wt per doz 12 lbs..... 25 50

CRYING DOLL

No. 100—Height 18 ins; dressed in printed lawn; painted hair and eyes; excelsior stuffed body; cotton stuffed legs; shipping wt per doz 12 lbs..... 23 25

BELLHOP DOLL

No. 915—Height 11 ins; painted hair and eyes; cotton stuffed; shipping wt per doz 2 lbs..... 12 75

CRYING DOLL

No. 115—Height 19 ins; dressed in organdy; painted eyes and hair; excelsior stuffed body; cotton stuffed legs; shipping wt per doz 18 lbs..... 39 00

SAILOR DOLL

No. 914—Height 8½ ins; painted hair and eyes; cotton stuffed; shipping wt per doz 3 lbs..... 6 30

CRYING DOLL

No. 111—Height 23 ins; dressed in printed dimity; painted hair and eyes; excelsior stuffed body; cotton stuffed legs; shipping wt per doz 24 lbs..... 30 00

One in cardboard box.

For illustrations of above dolls see page 1776.

HINGE PLATES

No. HP-IXL

No. HP-EZ

No. HP-G

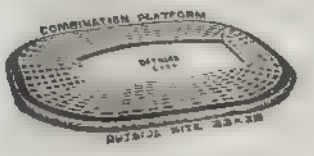
No. HP-W

For Bucket Pumps.

	Each
No. HP-IXL—For IXL pump	✦$6 30
No. HP-G—For Gem pump	✦6 30
No. HP-EZ—For EZ pump	✦6 30
No. HP-W—For wood curb pump	✦6 30

Packed loose; wt each about 10 lbs.

COMBINATION BASE



To be used with any of above plates.

	Each
No. CB—Cast iron, corrugated top; outside measurements 33x39 ins	✦$19 95

Packed loose; wt each about 75 lbs.

WELL WHEELS

Japanned cast iron, covered.

Nos.	8	10	12	14
Diam, ins	7½	9	10	12
For rope, in	½	⅝	¾	1
Wt doz, lbs	39	52	66	111
Per Doz	$18 75	22 65	27 00	40 50

Packed loose.

WELL WHEEL HOOKS

	Per Doz
No. 1—Wrought iron, ⅝x8 ins, with nut and washer	$3 30

Packed loose; wt per doz 3 lbs.

PUMP SPOUT ATTACHMENTS

Best quality tough gray iron casting, heavily japanned.

Will fit any Iron Spout Pump. Provided with a swivel attachment which permits of conductor being turned around on pump spout so as to carry the pipe in any direction from the pump.

Water Conductors.

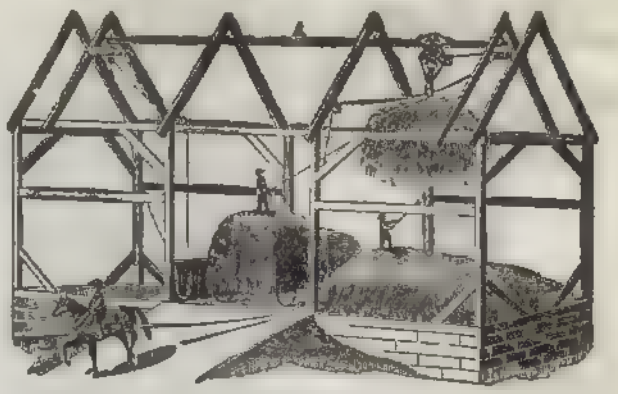
	Per Doz
No. 100—Outlet threaded for 1¼ in. iron pipe	$15 00
No. 100-1½—Outlet threaded for 1½ in. iron pipe	15 75

Packed loose; wt per doz 50 lbs.

✦F. O. B. Ohio Factory Only.

HAY CARRIERS

DIRECTIONS FOR RIGGING HAY CARRIERS



Directions for reversing all our Swivel Carriers.

Pull the carrier to stop block or bumper, allowing the lifting pulley to drop out of the carrier. Take rope out of pulley at end of barn and while standing on the floor beneath the carrier give the rope a little slack from the hand to the carrier and give it a little throw to obtain a half turn in the swivel. Rethread the pulleys in the end of the barn you wish to operate in, then the carrier is ready for operation. Before pulling large rope out of pulleys tie a small rope to the end of it so the small rope will be through pulleys, for pulling up the large rope, the reverse, see cut above.

Directions For Putting Up Track.

Support track to every rafter by means of rack eyes and rafter irons. Place stop block or bumper directly over unloading place, and to prevent carrier from running off track bolt carrier stop or pulley fastener to end of the track, tie a rope from one rafter to the other, letting rope hang four or five inches under the track, or nail a board to the rafters close to and over it.

Material Required for a Steel Track Outfit for Different Length Barns.

For a 40 Foot Barn—One hay carrier fork or hay sling with sling pulley, one reversible carrier, 40 feet steel track, 21 hanging hooks, 21 rafter brackets, 5 knot passing pulleys, 6 floor hooks, 110 feet ¾ inch manila rope, 50 feet ⅜ inch check rope, 40 feet ⅜ inch reverse rope.

For a 50 Foot Barn—One hay carrier fork or hay sling with sling pulley, one reversible carrier, 48 feet steel track, 25 hanging hooks, 25 rafter brackets, 5 knot passing pulleys, 6 floor hooks, 130 feet ¾ inch manila rope, 55 feet ⅜ inch check rope, 50 feet ⅜ inch reverse rope.

For a 60 Foot Barn—One hay carrier fork or hay sling with sling pulley, one reversible carrier, 60 feet steel track, 31 hanging hooks, 31 rafter brackets, 5 knot passing pulleys, 6 floor hooks, 160 feet ¾ inch manila rope, 60 feet ⅜ inch check rope, 60 feet ⅜ inch reverse rope.

Material Required for Wood Track Outfits.

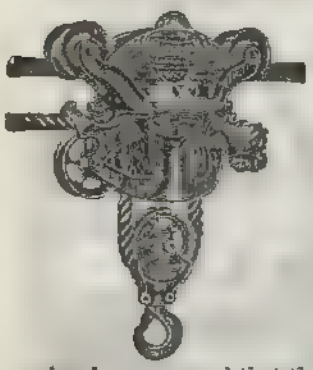
Material required for wood track outfits for different length barns, same as for steel track, except hanging hooks. Use No. 71 wood track hanging hooks in place of these.

Different lengths of barn will use track, hanging hooks and rope in same ratio as above.

If required to take hay in at end of barn and have rope pass down at far end, figure same amount of draft rope. If draft rope be returned to same end of barn and then down, this require about one fourth more draft rope.

HAY CARRIERS

—BLUE GRASS—



Swivel Reversible, For Double Angle Steel Track.

Malleable iron, finished in blue and gold. The travelers and sheaves throughout revolve upon bushings, thus reducing friction and wear. The lifting pulley is supplied with new patent hook, by means of which the fork can be easily removed without the use of a wrench, at the same time locking it in perfectly when in use.

Throat has large opening and the simple locking mechanism is so arranged that the lifting head or fork pulley cannot fail to enter and lock securely to the carrier. Locks are operated without the use of springs and engage projections upon the lifting head practically in a line with the axis of the pulley.

Diameter of track wheels 3¼ inches; 1 inch tread; height over all 11 inches; length 14 inches.

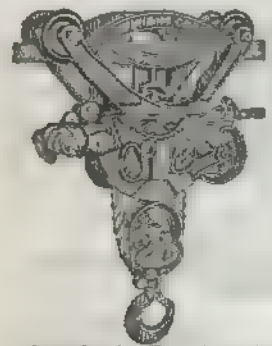
	Each
No. BG10—With trip block and lifting pulley, **less rope**	$21 30

Packed loose; wt each 23 lbs.

Hay Carrier Outfits.

Hay carrier, track, track fixtures and hay fork pulleys included in this outfit. This does not include Hay Fork, Sling or Rope.

	Each
No. 10-40BG—For 40 ft barn	$63 00
No. 10-50BG—For 50 ft barn	68 25
No. 10-60BG—For 60 ft barn	80 25



—BLUE GRASS—

Swivel Reversible. Adjustable To Run On All Standard Steel Tracks.

Same in construction and operation as No. BG10 carrier except it is adjustable to fit and operate successfully on any make of standard steel track.

Complete with trip block and lifting pulley, **less rope.**

	Each
No. BG860-12—For Ney, Olson, Law Goshen and Rochester Ricker Track	$23 25
No. BG860-13—For Myers, Janesville, Hudson and Strickler Track	23 25
No. BG860-14—For Louden and Porter Track	23 25

Packed loose; wt each 25 lbs.

SPECIAL TRIP BLOCKS

For Use With No. BG860 Hay Carriers.

	Each
No. 12—For Ney, Olson, Law Goshen and Rochester Ricker Track	$1 44
No. 13—For Myers, Janesville, Hudson and Strickler Track	1 44
No. 14—Double Bead for Louden and Porter Track	1 44

Packed loose.

Note—In using trip block No. 13 in connection with Hudson, Janesville and Strickler Tracks be sure to remove the two space blocks from the trip block as they are not used with these tracks.

HAY CARRIERS

NEY'S

Swivel Reversible, For Double Angle Steel Track.

Cannot pass the bumper or trip block while in operation and is quickly and easily reversed from floor. Malleable iron; travelers and sheaves revolve on turned steel bushings. Diameter of track wheels 3¼ inches; tread ⅝ inch; height over all 12 inches; length 13½ inches.

	Each
No. 5—With trip block and lifting pulley, **less rope**; wt each 23 lbs	$21 30
No. 15—Extra trip block, for No. 5 carrier; wt each ¾ lb	1 14

Packed loose.

Hay Carrier Outfits.

Hay carrier, track, track fixtures and hay fork pulleys included in this outfit. This does not include Hay Fork, Sling or Rope.

	Each
No. 5-40—For 40 ft barn	$63 00
No. 5-50—For 50 ft barn	68 25
No. 5-60—For 60 ft barn	80 25

NEY'S

Reversible, For Single Rail Steel Track.

Both swivel and rope reversible, malleable iron; all sheaves and travelers revolve on evenly turned bushings; finished in black japan and bronze; bumper can be easily located and quickly changed to any desired point on the track; diameter of track wheels 3 inches; tread ¾ inch, height over all 10 inches, length 13½ inches.

	Each
No. 45—With trip block and lifting pulley, **less rope**; wt each 25 lbs	$21 30
No. 46—Extra trip block, for No. 45 carrier; wt each ¾ lb	1 44
No. 47—Extra lifting pulley, for No. 45 carrier; wt each 5 lbs	2 85

Packed loose.

Hay Carrier Outfits.

Hay carrier, track, track fixtures and hay fork pulleys included in this outfit. This does not included Hay Fork, Sling or Rope.

	Each
No. 45-40—For 40 ft barn	$63 00
No. 45-50—For 50 ft barn	68 25
No. 45-60—For 60 ft barn	80 25

D 3

HAY CARRIERS

CLIMAX

Swivel Reversible, For 4x4 inch Wood Track.

With this carrier the fork can be carried within seven inches of the track, which makes it possible to fill the mow closer to the comb of the roof.

The throat has large opening and the simple locking mechanism is so arranged that the lifting head or pulley locks directly on the sides or frame of the carrier, not depending on separate dogs or lugs to hold the load.

Diameter of track wheels 5¼ inches; tread 1¼ inches; height over all 16½ inches; length 19 inches.

	Each
No. 115—With trip block and lifting pulley; less rope: wt each 30 lbs	$21 30
No. 116—Extra trip block, for No. 115 carrier; wt each ¾ lb	1 14
No. 117—Extra lifting pulley, for No. 115 carrier; wt each 3¾ lbs	2 85

Packed loose.

Hay Carrier Outfits.

Hay carrier, wood track hanging hooks for wood track, floor hooks, rafter brackets and hay fork pulleys included in this outfit. This does not included Wood Track, Fork, Sling or Rope.

	Each
No. 115-40—For 40 ft barn	$39 00
No. 115-50—For 50 ft barn	41 25
No. 115-60—For 60 ft barn	43 50

HAY CARRIER FORKS

NEY'S

Nellis Single Harpoon.

Single malleable iron head, wrought steel blade with tool steel point and barbs, painted. Has spring latch which holds the load securely; when tripped the load is discharged by its own weight.

	Each
No. 1—Length blade 36 ins	$11 25

Packed loose; wt each 11 lbs.

NEY'S

Canton Single Harpoon, Nellis Pattern.

Malleable iron head, wrought steel blade with tool steel point and barbes, painted. Has lock lever latch which holds the load securely until tripped, then the load is discharged by its own weight.

	Each
No. 3—Length of blade 36 ins	$9 45

Packed loose; wt each 11 lbs.

NEY'S

Harris Double Harpoon.

Spear point steel, malleable iron trip lever, japanned. Locking and tripping device constructed on the lever principle is simple and positive.

	Each
No. 2—Length 25 ins from cross bar to point; 18 ins wide; 3½ in. harpoon points	$5 55

Packed loose; wt each 17 lbs.

GRAPPLE FORKS

With Center Spears.

Spring steel, japanned; polished points.

Nos.	4	6
Number of tines	4	6
Length closed, ins	28	38
Width, ins	28	30
Thickness, ins	17	17
Spread, ins	64	40
Wt each, lbs	36	50
Each	$23 55	27 00

Packed loose.

HAY FORK PULLEYS

NEY'S

Hardwood sheave, 5 inches in diameter, 1½ inches thick; turning on self-oiling hollow loose pin, for 1 inch rope or smaller; cast iron frame, swivel eye with inside flanges to protect rope; finished in black japan.

	Per Doz
No. 114—Height over all 10 ins	$17 25

Packed loose; wt per doz 40 lbs.

NEY'S

Cast iron sheave, 5 inches in diameter; 1⅝ inches, thick, turning on loose pin, for ⅞ inch rope or smaller cast iron frame, swivel eye; finished in black japan.

	Per Doz
No. 115—Height over all 9 ins	$15 30
No. 1150—5 in. iron sheave loose pin; swivel eye; nicely finished in black enamel	10 20

Packed loose; wt per doz 45 lbs.

NEY'S

Hard maplewood sheave, 6 inches in diameter; 1½ inches thick, turning on loose pin for 1 inch rope or smaller, steel frame, swivel eye, with flanges to protect rope; finished in black japan.

	Per Doz
No. 121—Height over all 10 ins	$15 30

Packed loose; wt per doz 40 lbs.

NEY'S

Hard maplewood sheave, boiled in oil, 5 inches in diameter, 1½ inches thick; turning on loose pin for, 1¼ inch rope or smaller, wood frame with inside strap, made of steel, swivel eye.

	Per Doz
No. 111—Height over all 10 ins	$16 20

Packed loose; wt per doz 35 lbs.

NEY'S

Knot Passing.

Hard maplewood sheave, 6 inches in diameter; 1½ inches thick, turning on hollow loose pin, for 1 inch rope or smaller, cast iron frame, swivel eye with inside flanges to protect rope; finished in black japan.

	Per Doz
No. 118—Height over all 11 ins	$17 25

Packed loose; wt per doz 50 lbs.

SWIVEL ROPE HITCH

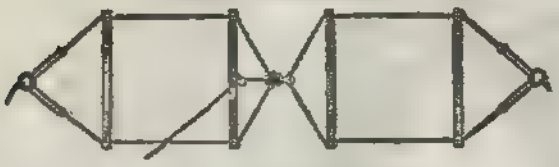
Malleable iron. Does away with the untying of hard knots and wasting of rope by cutting hard knots.

	Per Doz
No. 12—Length over all 8 ins	$9 45

Packed loose; wt per doz 20 lbs.

HAY SLINGS

NEY'S STANDARD



Center Trip, Adjustable.

Malleable iron center trip; ½ inch rope attached to wood cross bars which allows the bars to be shifted where desired. Slings are adjustable to any size rack.

Normal length 17 feet; adjustable from 15½ to 19½ feet.

	Each
No. 5—4 ft wide	$8 55

One in bdle; wt each 20 lbs.

SLING PULLEYS

NEY'S SELF LOCKING

Malleable iron; takes ¾ inch rope.

	Each
No. 10—For Nos. 5 and 45 Ney's hay carriers	$9 45
No. 300-R24X—For No. BG10 Blue Grass hay carrier	9 45

Packed loose; wt each 10 lbs.

STEEL TRACK

NEY'S

Double Angle Steel Track.

For No. 5 and No. BG10 carriers; easily put up. Put up in sections and further additions can be made without taking down the track.

Nos.	2-6	2-8	2-12
Length, ft	6	8	12
Wt per length about, lbs	12	16	24
Per Ft	$0 54	54	54

Shipped loose.

HAY CARRIER FIXTURES

NEY'S

Single Rail Track Eyes.

Malleable iron, can be placed at any desired location after coupling.

	Per Doz
No. 65—Length 5 ins	$4 20

Packed loose; wt per doz 6 lbs.

NEY'S

Double Angle Track Eyes.

Malleable iron, they are inserted by driving in from the under side of the track midway between the space blocks, then moved to the desired point.

	Per Doz
No. 67—Length 5½ ins	$4 20

Packed loose; wt per doz 4 lbs.

HAY CARRIER FIXTURES

NEY'S

Floor Hooks For Use With Hay Fork Pulleys.

	Per Doz
No. 69—¾ in. wrought iron, with a coarse, sharp thread, which will hold in either hard or soft wood	$4 50

Packed loose; wt per doz 14 lbs.

NEY'S

Hanging Hooks For Hanging Wood Track.

	Per Doz
No. 71—½ in. wrought iron, with nut; length 14 ins	$3 90

Packed loose; wt per doz 12 lbs.

NEY'S

Rafter Brackets. For wood or steel track hanging brackets. Malleable iron, crimped that the track eye hangs on a round surface, thereby preventing wear.

	Per Doz
No. 10—Wt per doz 3 lbs	$2 25

Packed loose.

BRACKETS AND CLAMPS

FOR HAY RACK

Partial view of hayrack made with brackets and clamps.

Section showing manner of construction.

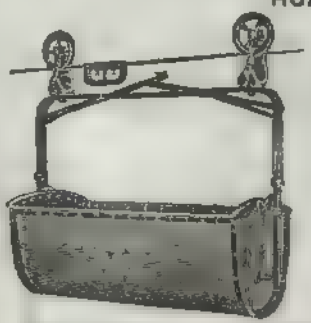
These brackets make the strongest kind of hay racks, as the wood is not weakened by boring holes for bolts where strength is most essential. Set consists of 8 steel clamps, 4 left and 4 right brackets, 8 upper grooved steel washers, 8 lower clips or washers, and 16 nuts. For sills 2x8 inches.

Nos.	1	2
With clamps, ins	14	16
For cross pieces, ins	2x4	2x6
Wt set, lbs	15	17
Less than 10 sets, Per Set	$3 00	3 30
10 sets or more, Per Set	2 85	3 00

One set in carton.

LITTER CARRIERS

HUDSON



20 gauge galvanized steel tub closely riveted to angle steel frame 1x1x⅛ inch. Ends reinforced at center by 3¾x4⅛x13¼ inch malleable pivot castings. All joints soldered. Heavy angle iron reinforcement completely around top, bottom and sides. Latches at both ends of tub, lock and unlock simultaneously. The tub dumps automatically by means of a trip and is self-cleaning when dumped.

Track wheels gray iron, 5⅛ inches in diameter, roller bearings steel axles mounted on swiveled wheel frame to permit wheels to take curves without binding on track.

Can be used on 0000 rod track both inside and outside of barn. Can also be used on rigid track inside barn and rod outside track if so desired. **Price does not include track.**

	Each
No. 70—Capacity tub 6 bu; length 40 ins; width 22 ins; depth 16 ins	✣$59 25

Packed loose; ship wt each 81 lbs.

✣**F. O. B. Minnesota, Factory Only.**

LITTER CARRIERS

HUDSON

Chain Hoist.

20 gauge galvanized steel tub closely riveted to angle steel frame 1x1x⅛ inch. Ends doubly reinforced at center by 3¾x4½x13¼ inch pivot malleable on which tub turns. Heavy angle iron reinforcement completely around top, bottom and sides. Latches at each end of tub lock and unlock simultaneously.

The tub dumps automatically to either side and is self-cleaning when dumped. Track wheels gray iron, 4 inches in diameter, mounted on tandem, in malleable swivel frame to take curve without binding on track.

Operates on rigid track inside and outside of barn.

Nos.	58	58B
Capacity tub, bu	9	13
Length tub, ins	42	42
Width tub, ins	28	28
Depth tub, ins	18	22
Wt each, lbs	161	176
Each	✚$113 40	✚118 05

Packed loose

ROD TRACK EQUIPMENT FOR No. 70 LITTER CARRIER

ROD TRACK

No. 0000 special drawn steel wire, cut to fit, with ends properly looped. Per 100 Ft

No. C—Wt per 100 ft about 60 lbs ..... ✚$12 75

Packed loose.

TENSION BOLTS

Each end of every stretch of track must be securely anchored with a tension bolt, wrought iron. Each

No. L11—Length 30 ins; diam ⅞ in ..... ✚$3 30

Packed loose; wt each 5 lbs.

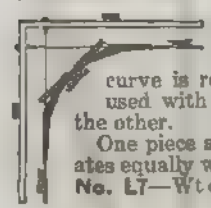
AUTOMATIC SPRING TRACK SUPPORT

When track is longer than 100 feet, this support should be used. One support is required for every additional 50 feet of track. Each

No. L12—Wt each about 8¼ lbs ..... ✚$3 30

Packed loose.

CURVE OR SWITCH



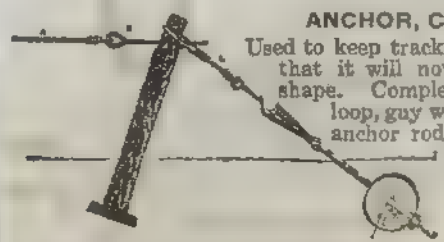
When it is necessary to change direction of rod track around the corner of a building, or any other place where a curve is required, two stretches of track should be used with switch to connect one line of track with the other.

One piece angle iron with malleable iron ends. Operates equally well as right or left hand switch. Each

No. L7—Wt each about 25 lbs ..... ✚ $14 25

Packed loose.

ANCHOR, COMPLETE



Used to keep track properly secured so that it will not sag or get out of shape. Complete including post loop, guy wire, turnbuckle and anchor rod. Each

No. L1—Wt each about 15 lbs ... ✚$12 75

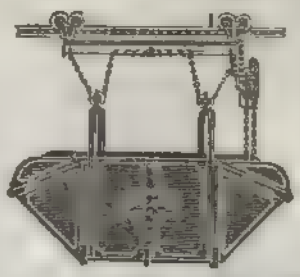
Packed loose.

✚F. O. B. Minnesota Factory Only.

LITTER AND FEED CARRIERS

HUDSON

For Use On I Beam Track.



Selected, seasoned and dressed hardwood. Sides ¾ inch thick, ends and cleats 1 inch thick; 24 gauge galvanized steel bottom and ends. Two 1½x¾ x¾ inch channel steel bails extend to bottom of feed box.

Hoist chain and sprocket geared to give easy lift of load with quick ascent and decent. Combination control clutch and brake gives easy and absolute control of raising and lowering feed-box. Solid steel shaft, cold rolled to 1 1/16 inch diameter, strength reinforced by heavy angle iron steel bar to which shaft is attached. Lifting chain tested to carry several times the weight of loaded feed-box; winds on shaft in open spiral, preventing rubbing and wear on links. Gray iron track wheels 4 inches in diameter, mounted tandem in malleable swivel wheel frame to take curves without binding track. Each

No. 40C—Capacity 16 bu; length 69 ins; width 30 ins; depth 24 ins ..... ✚113 40

Packed loose; ship wt each 200 lbs.

TRACK EQUIPMENT FOR LITTER AND FEED CARRIERS

I beam type, bends without heating to any desired curve, narrow rounding tread easily bolted to hangers holding track firm and rigid.

Per Ft

No. 102—Furnished in 6, 9 and 15 ft lengths ..... ✚$0 51

Packed loose; wt per foot 1½ lbs.

HANGERS FOR LITTER AND FEED CARRIERS

Each

No. 90B—Bolt equipment ..... ✚$0 84
No. 90F—Frame equipment ..... ✚ 87
No. 90L—Lag screw equipment ..... ✚ 96
No. 90P—Plate attachment ..... ✚ 1 05

Packed loose.

TRACK HANGERS

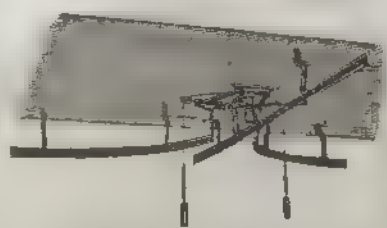
Each

No. 90C—With nailing plate and nails, no extension ..... ✚$0 78
No. 90—With lag screw, no extension plate or nails ..... ✚ 66

Packed loose.

TRACK SWITCHES

HUDSON



All steel, mounted switches easy acting, assembled and ready for installation. An easy pull on chain from below transfers track to connecting track with perfect alignment and automatically bars open track with safety stop, making it impossible for carrier to be pushed off track at open switch. The operation of three-way switch is the same as the operation of a two-way switch except it connects with three different sections of two different tracks from main line. Each

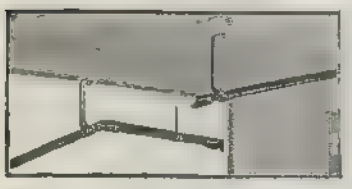
No. 103—Two-way—Wt each 26 lbs ..... ✚$20 40
No. 104—Three-way—Wt each 29 lbs ..... ✚ 23 70

Packed loose.

✚F. O. B. Minnesota Factory Only.

TRACK SWITCHES

REMOVABLE SECTION



Designed to allow the barn doors to close where the track passes out of doorway, this removable section is used. This section is furnished with splice clamps that fit exactly to ends of adjoining track sections.

The removable section can be easily lifted out to allow door to close or easily replaced when carrier is used.

Each

No. 105—Wt each 4½ lbs ..... ✦$3 90

Packed loose.

FEED TRUCKS

Sides selected seasoned hardwood. Bottom and ends 24 gauge galvanized steel. 1 inch cleats at sides, bottoms and ends. Corners at end, bottom and sides bound with ⅛ inch bar iron. Large wheels 20 inches in diameter, 2 inch face; 1 inch solid cold rolled steel axles. Swivel wheel 7 inches in diameter. One load feeds 20 cows. Capacity 16 bushels; length 70 inches; width 24 inches; depth 30 inches.

Each

No. 141A—With scale arch ..... ✦$99 00

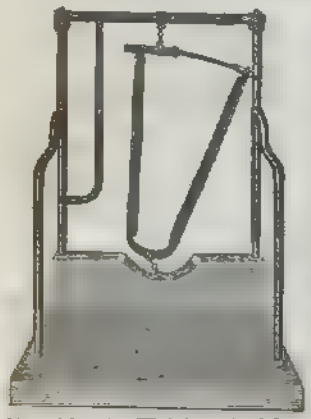
No. 141—Without scale arch ..... ✦ 94 50

Packed loose; wt each 145 lbs.

STEEL STALLS

HUDSON

Adjustable Wood Lined Malleable Guide Stanchion.



Improved grey enamel rust-proof design malleable iron fittings. 1½x1½ inch square tubing horizontal top rail. 1⅝ inch triple bend carbon steel tubing partitions extend backward 3 feet from stall post giving ample room for milkers on platform. 1x⅝x⅛ inch angle iron anchor base. Anchor post, stanchion partitions and entire stall frame is placed down into concrete. 1¼ inch round tubing, rigid post to top rail type sure-stop.

Recommended for high curb with cutout for stanchion.

Each

No. 2A110—Height 4 ft, 8 ins; width 3 ft, 6 ins..... ✦$28 05

Packed loose; wt each 67 lbs.

HUDSON

Adjustable chain guide stanchion.

Extra strength rust resisting tubing with malleable clamps and fittings. Horizontal top rail square tubing 1½x1½ inches. Partitions 1⅝ inch welded tubing triple blend, extends backward 3 feet 3 inches from stall post; height 4 feet 8 inches; width 3 feet 3 and 3 feet 6 inches.

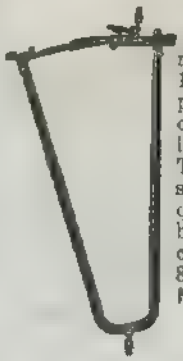
Each

No. 2A66—Wt each 64 lbs..... ✦$26 10

Packed loose.

✦F. O. B. Minnesota Factory Only.

STANCHIONS



HUDSON, Adjustable.

High carbon rust resisting steel channel and malleable fittings; steel channel stanchion arms 1¼ x ¾ x ¼ inch, rounded bottoms butt against pivot section of hinge casting. Specially seasoned hardwood finished in oil and polished lining pressed into channel, securely fastened. Telescoping malleable iron guide prevents strain on hinge and movable arm; one hand quick acting lift type latch locks automatically by weight of stanchion; ⅝ inch wrought iron chains. Neck space adjustable from 6½ to 8½ inches.

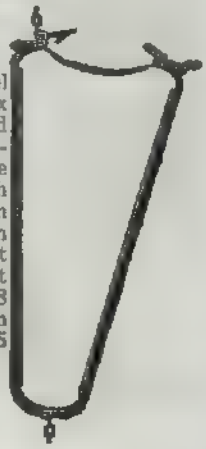
Each

No. 110—Wt each 22 lbs..... ✦$11 40

Packed loose.

HUDSON

Adjustable.



High carbon rust resisting steel channel and malleable fittings; stanchion arms 1½x ¾x⅛ inch channel steel, rounded at top and bottom. Specially seasoned hardwood finished in oil and polished lining inserted in the steel channel. 13 gauge weedless wire latch chain prevents loose arm of stanchion from opening too far and relieves hinge from strain when stanchion is open; one hand lift type latch locks automatically by weight of stanchion. Neck space from 6½ to 8 inches.

Each

No. 105—Wt each 19½ lbs..... ✦$9 15

Packed loose.

HUDSON

All Steel. Adjustable.

High carbon rust resisting steel U bar, assembled with steel fittings. U bar turned outward, leaving a smooth round surface in contact with cow's neck. Extension arm is provided with a stop to keep movable arm from opening beyond a certain point. Pressed steel latch; steel socket hinge; 5/16 inch wrought iron chain.

	1 to 12 Each	12 Each
No. 999—(New style) grey enamel finish.....	$7 50	6 75

Three in bdle; wt each 19½ lbs.

HUDSON

Steel, Wood Lined. Adjustable.

High carbon rust resisting steel U bar lined with select, straight grained seasoned oil treated hardwood, attached with counter sunk machined screws. Extension arm provided with a stop to keep movable arm from opening beyond a certain point. Pressed steel latch; steel socket hinge; 5/16 inch wrought iron chain.

Each

No. 999W—Grey enamel finish... ✦ $7 20

Three in bdle; wt each 21 lbs.

STANCHION FASTENERS

HUDSON, FOR WOOD

Top. Each

No. 13A—⅜ in steel rod, with nut, length over all 5¼ ins..... $0 30

Packed loose; wt each 6 ozs.

✦F. O. B. Minnesota Factory Only.

PYREX
TRANSPARENT OVEN WARE

Oval, With Covers, Fit Standard Mountings.

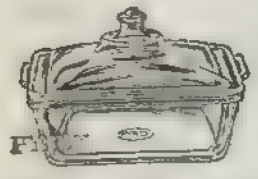
Nos.	632	633	634
Cap, qts.	1	1½	2
Length, ins	8x5⅞	9⅛x6⅝	10⅛x7½
Depth, ins.	2⅛	3	3¼
Wt doz, lbs	29	30	34
Per Doz	$37 80	45 00	50 25

One in carton.

BEEFSTEAK CASSEROLES
Plain, Oval With Cover. Shallow.

Nos.	642	643	644
Capacity, qts	1	1½	2
Size, ins	9⅞x6⅝	10⅛x7½	11⅞x8⅝
Depth, ins	2⅛	2¼	2½
Wt per doz, lbs	28	32	36
Per Doz	$37 80	45 00	50 25

One in carton.



Square.

Capacity 1½ qts; size 7⅛ inches; depth 2⅛ inches.

Per Doz

No. 653—With cover $45 00

One in carton; wt per doz 42 lbs.

COVERED BAKING DISHES
Two Piece, Oval.

Per Doz

No. 110—Size 10x7⅝x2⅛ ins $50 25

One in carton; wt per doz 32 lbs.

MUSHROOM DISH AND BELL COVER OR SHIRRED EGG DISH

This, with cover is a mushroom dish, but without cover is a shirred egg dish. Diameter 6⅛ inches.

Per Doz

No. 302—Egg dish only; wt per doz 7 lbs $12 00

No. 152—Combination dish and bell cover; wt per doz 12¼ lbs 31 50

One in carton.

PUDDING DISH
Square, Without Cover.

Per Doz

No. 053—Capacity 1½ qts; size 7⅛x2⅞ ins $25 20

One in carton; wt each 15 lbs.

PUDDING DISHES
Round, Without Cover.

Nos.	021	022	023	024	026
Capacity, qts	½	1	1½	2	3
Diam, ins	6	6⅞	7⅞	8¾	10⅛
Depth, ins	2¼	2¾	3	3¼	3½
Wt per doz, lbs	14	15½	19	24	28
Per Doz	$15 30	21 30	26 55	30 60	37 80

One in carton.

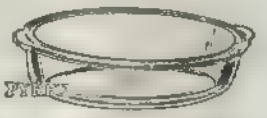
PYREX
TRANSPARENT OVEN WARE

PUDDING DISHES
Oval, Deep.

Nos.	032	033	034
Capacity, qts	1	1½	2
Length, ins	8	9⅛	10⅛
Width, ins	5⅞	6⅝	7½
Depth, ins	2⅛	3	3¼
Wt per doz, lbs	24	30	40
Per Doz	$21 00	25 35	29 40

One in carton.

PUDDING DISHES
Oval, Shallow.



Nos.	042	043	044
Capacity, qts	1	1½	2
Length, ins	9⅛	10⅛	11⅞
Width, ins	6⅛	7½	8⅝
Depth, ins	2⅛	2¼	2½
Wt per doz, lbs	24	30	40
Per Doz	$21 00	25 35	29 40

One in carton.

PIE PLATES
Round, With Wide Flange.

Nos.	205	208	209	210	211
Diam, ins	4⅞	8½	9¼	10½	11½
Depth, ins	1⅛	1½	1½	1¾	1¾
Wt per doz, lbs	8½	21	17	24	30
Per Doz	$6 30	18 75	22 80	25 20	27 75

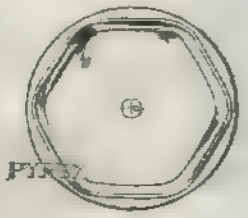
One set in an attractive cardboard box; wt per set 13 lbs.

PIE PLATES
Hexagonal.

Per Doz

No. 200—Diam 9¾ ins; depth 1¼ ins $25 20

Half doz in carton; wt per doz 18 lbs.



INDIVIDUAL DEEP PIE DISH
Round.

Per Doz

No. 452—Capacity 6 ozs; diam 4¼ ins; depth 1⅝ ins $6 30

One in carton; wt per doz 9 lbs.

CAKE DISHES
Round, Shallow.

Per Doz

No. 221—Diam 9⅛ ins; depth 1¼ ins $18 75

Half doz in carton; wt per doz 16 lbs.

TEA POT TILE

Per Doz

No. 706—Diam 6 ins; depth ¾ in. $15 00

One in carton; wt per doz 4 lbs.

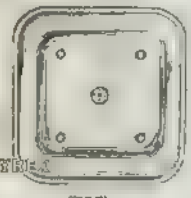
PYREX

TRANSPARENT WARE

TILES

(723)
Carries Casserole No. 623 also No. 023 Pudding.

(743)
Carries Casserole No. 643 also No. 043 Pudding.



(753)
Carries Casserole No. 653 also No. 053 Pudding.

(733)
Carries Casserole No. 653 also No. 053 Pudding.

Nos.	723	733	743	753
Size, ins	9¼x7⅞	10¼x9¼x7⅛	12x9¼x7⅛	8½x7⅞
Wt per doz, lbs	24	24	24	28
Per Doz	$25 35	25 35	25 35	25 35

One in carton.

MEASURING CUPS

Per Doz

No. 8—Capacity 8 ozs; diam 3⅝ ins; depth 3½ ins $12 75

One in carton; wt per doz 16 lbs.

PERCOLATOR TOPS

Fits Universal and Royal Rochester style percolators.

Per Doz

No. 853—Diam bottom outside 2⅛ ins; height 1¹¹/₁₆ ins $2 70

One doz in carton; wt per doz 2½ lbs.

TEA POTS

It is not only the usefulness of Pyrex tea pots that make them so desirable. Their transparency and their beautifully designed shapes add charm to any table. Will stand the hottest water without breaking. Spouts are made to pour freely and clean easily, and the handles are shaped to fit the hand.

INDIVIDUAL, Round.

Especially designed for individual service in the home, for hospitals, hotels, lunch rooms and tea rooms. Cool handles; spouts pour freely without dripping, easily cleaned.

Per Doz

No. 11—Capacity 1 cup $52 20

One in carton; wt each 1 lb.

ROUND SHAPE

Nos.	12	14	16
Cap, cups	2	4	6
Wt each, lbs	1¾	2	2¼
Per Doz	$63 00	75 60	88 20

One in carton.

SQUAT SHAPE

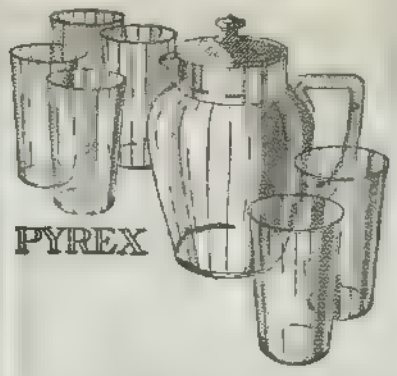
Nos.	22	24	26
Capacity, cups	2	4	6
Wt each, lbs	1¾	2	2¼
Per Doz	$63 00	75 60	88 20

One in carton.

PYREX

TRANSPARENT WARE

ICE TEA SETS



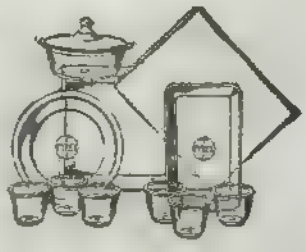
Set consists of the following:
1—84 ounce capacity jug with cover.
6—14 ounce capacity optic design tumblers.

Per Set

No. H7—Wt per set 8 lbs $12 60

One set in carton.

COOKING UTENSIL GIFT SETS



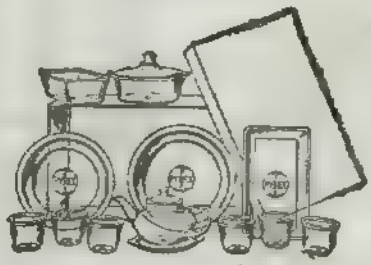
Set consists of 10 pieces as follows:
1—No. 623, 1½ quart round casserole with cover, size 7⅞x3 inches.
1—No. 231, oblong utility dish 10½x6½x2 inches.
1—No. 212, oblong bread pan 9⅛x5⅛x2⅞ inches.
1—No. 209, round pie plate 9⅛x1½ inches.
6—No. 410, 3 ounce custard cups, 3⅛x1¹¹/₁₆ inches.

Per Set

No. 515—Wt per set 12½ lbs $11 25

One set in carton.

COOKING UTENSIL GIFT SETS



Set consists of 13 pieces as follows:
1—No. 623, 1½ quart round casserole with cover, size 7⅞x3 inches.
6—No. 426 round custard cups, capacity 6 ounces, size 3⅜x2⅝ inches.
1—No. 209 pie plate size 9⅛x1½ inches.
1—No. 210 pie plate size 10⅜x1½ inches.
1—No. 231 oblong utility dish 10½x6½x2 inches.
1—No. 24 squat design 4 cup tea pot.
1—No. 706 pyrex tile, diameter 6 inches.
1—No. 212 oblong bread pan 9⅛x5⅛x2⅞ inches.

Per Set

No. 555—Wt per set 22 lbs $21 00

One set in carton.

TOY COOKING SETS

"See Dept 7, Page 1796"

PYREXETTE

Set consists of 6 pyrex dishes: 1 casserole and cover, 1 bread pan, 1 pudding or baking pan, 1 wide flange pie plate and 2 custard cups. Per Set

No. M520—Wt per set 4½ lbs $4 50

One set in cardboard counter display box.

PYREX

TRANSPARENT OVEN WARE

ROASTERS, Self Basting.

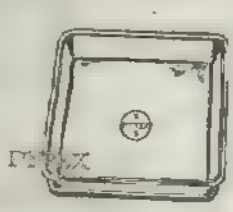
Consists of Pyrex glass cover with handles that permit its use as platter and heavy gauge aluminum bottom with retinned steel wire handles securely fastened with aluminum rivets.

Each

No. 2000—Length over all 15⅝ ins; width 10¾ ins; depth 5⅛ ins $11 10

One in carton; wt each 2 lbs.

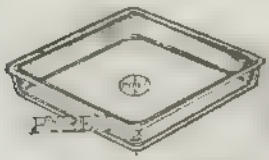
BISCUIT PANS
Oblong.



No.	235
Length, ins	11⅛
Width, ins	8⅝
Depth, ins	1¼
Wt per doz, lbs	28
Per Doz	$31 50

One in carton.

CAKE DISHES
Square.



No.	809
Size, ins	9⅛x1½
Wt per doz, lbs	18
Per Doz	$25 50

One in carton.

LOAF PANS
Oblong.

Nos.	213	212	214
Length, ins	4⅞	9⅛	10⅝
Width, ins	3	5⅛	5⅝
Depth, ins	1⅞	2⅞	3⅛
Wt doz, lbs	8	20	24
Per Doz	$6 30	22 80	37 80

One in carton.

UTILITY DISHES
Oblong.

Nos.	231	232
Length, ins	10½	12⅝
Width, ins	6½	8⅛
Depth, ins	2	2
Wt doz, lbs	22	28
Per Doz	$25 20	44 25

One in carton.

WELL AND TREE PLATTERS
Oval.

Per Doz

No. 372—Length 15⅝ ins; width 11⅜ ins; depth 7/16 in $75 00

One in carton; wt per doz 42 lbs.

FISH PLATTERS
Oval.

No.	316
Length, ins	15⅝
Width, ins	11⅜
Depth, ins	⅞
Wt per doz, lbs	36
Per Doz	$50 25

One in carton.

VEGETABLE DISHES
Round, Two Compartments.

Per Doz

No. 130—Diam 9¾x1⅞ ins $37 80

One in carton; wt per doz 18 lbs.

PYREX

TRANSPARENT OVEN WARE

AU GRATIN DISH

Per Doz

No. 331—Size 9x5⅞x1½ ins $25 50

One in carton; wt each 10½ lbs.

BEAN POTS
Round.

Nos.	504	506
Capacity, qts	1	2
Diam, ins	5¾	7¼
Depth, ins	4½	5¾
Wt per doz, lbs	8	13
Per Doz	$44 25	63 00

One in carton.

CUSTARD CUPS

Nos.	424	426
Capacity, ozs	4	6
Size, ins	3⅛x2⅛	3⅝x2⅝
Wt per doz, lbs	3¾	5
Per Doz	$4 95	6 45

Half doz in carton.

CUSTARD CUPS

Per Doz

No. 410—Capacity 3 ozs; diam 3½ ins; depth 1¹¹/₁₆ ins $2 70

Two doz in carton; wt per doz 2½ lbs.

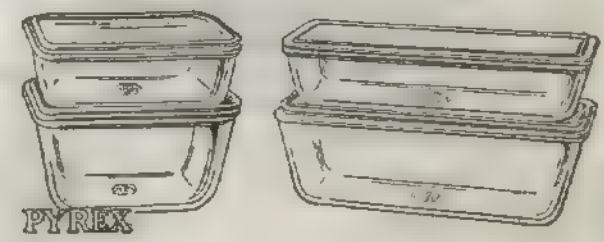
INDIVIDUAL RAMEKINS
Round, Wide Rim.

Per Doz

No. 442 Capacity 4 ozs; diam 3¾ ins; depth 1½ ins $4 95

Half doz in carton; wt per doz 4 lbs.

REFRIGERATOR SETS



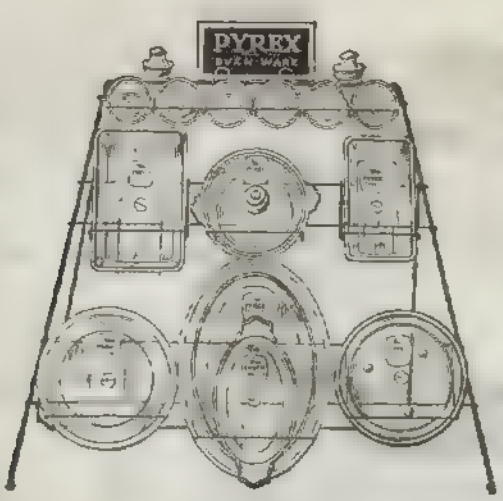
Set consists of 4 dishes assorted sizes as follow:
1—No. 592, size 5x9x2 inches.
1—No. 593, size 5x9x3 inches.
1—No. 662, size 6x6x2 inches.
1—No. 663, size 6x6x3 inches.

Per Set

No. 440—Set complete as described $9 30

One set in carton; wt per set 13 lbs.

PYREX DISPLAY STAND ASSORTMENTS



Assortment consists of olive green enameled wire display rack 33x15x34 inches high and 46 pyrex cooking utensils assorted as follows:

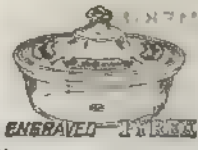
	Retail Value, Each
1—No 621—1½ qt capacity round casserole size 6x1½ inches	$1 00
1—No. 632—1 qt capacity oval casserole size 7½x5½x2⅝ inches deep	1 50
1—No. 623—1½ qt capacity round casserole size 7½x2⅞ inches deep	1 75
1—No. 653—1½ qt capacity square casserole size 8¼x3 inches deep	1 75
1—No. 644—2 qt capacity shallow casserole size 12x8¾x2½ inches deep	2 00
1—No. 626—3 qt capacity round casserole, size 10⅜x3½ inches deep	2 50
1—No. 208—8½ inch round pie plate	75
3—No. 209—9⅛ inch round pie plates at 90c each	2 70
1—No. 210—10 inch round pie plate	1 00
1—No. 053—1½ qt capacity square pudding dish size 7⅛x2⅛ inches	1 50
1—No. 231—10½ inch oblong utility dish	1 00
1—No. 232—12⅝ inch oblong utility dish	1 75
1—No. 809—9½ inch square cake dish	1 00
1—No. 212—9⅛ inch oblong loaf pan	90
1—No. 316—15⅝ inch oval platter	2 00
1—No. 372—15⅝ well and tree platter	3 00
1—No. 331—9 inch oval dish	1 00
1—No. 723—9¼ inch round casserole tile	1 00
1—No. 8—1 cup capacity measuring cup	50
12—No. 410—3 ounce capacity custard cups at 10c each	1 20
12—No. 853—2⅛ inch standard percolator tops at 10 cents each	1 20
1—No. 515—10 piece gift set	5 15
Resale price	$35 65
Cost to Dealer	23 77
Dealers profit	$11 88

No. 3565—Ass't complete as described ..... Per Ass't $71 31

Pyrex ware with retail price list in shipping case, each in carton; wt complete ass't 108 lbs.

PYREX

TRANSPARENT OVEN WARE



CASSEROLES

Round, Engraved Cover and Plain Bottom.

Fits Standard Mountings.

Nos.	622E6	623E6
Capacity, qts	1	1½
Diam, ins	6⅞	7⅞
Depth, ins	2¾	3
Wt per doz, lbs	27	36
Per Doz	$47 25	54 00

One in carton.

Oval, Engraved Cover and Plain Bottom.

Fits Standard Mountings.

Nos.	632E6	633E6	634E6
Capacity, qts	1	1½	2
Length, ins	8	9⅛	10⅛
Width, ins	5¾	6⅝	7½
Depth, ins	2⅞	3	3¼
Wt per doz, lbs	29	30	34
Per Doz	$47 25	54 00	60 00

One in carton

Round, Fully Engraved, With Cover. Fits Standard Mountings.

Nos.	622E2	623E2
Capacity, qts	1	1½
Size, ins	6⅞	7⅞
Depth, ins	2¾	3
Wt per doz, lbs	27	36
Per Doz	$57 00	66 00

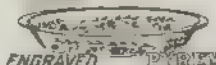
One in carton.

CASSEROLES

Oval, Fully Engraved with Cover. Fits Standard Mountings.

Nos.	632E2	634E2
Capacity, qts	1	2
Depth, ins	2¾	3¼
Size, ins	8x5⅞	10⅛x7½
Wt doz, lbs	29	34
Per Doz	$57 00	75 75

One in carton.



PIE PLATES

Engraved.

Round, With Wide Flange.

	Per Doz
No. 209E2—Diam 9⅛ ins; depth 1⅛ ins	$34 20

Half doz in carton; wt per doz 17 lbs.

CUSTARD CUPS

Engraved.

	Per Doz
No. 426E2 Capacity 6 ozs; size 3½x2⅝ ins	39 60

Half doz in carton; wt per doz 3½ lbs.

Custard Cups, Engraved.

	Per Doz
No. 410E2 Capacity 3½ ozs. Size 3½x1¾ ins	$3 90

One gro in case; wt per doz 2½ lbs.

D 6

PYREX

TRANSPARENT WARE

RAMEKINS
Engraved.

Per Doz

No. 442E2—Capacity 4 ozs; diam 3¾ ins; depth 1½ ins $7 80

One set of half doz in carton; wt per doz 3 lbs.

UTILITY DISHES
Engraved.
Oblong.

Per Doz

No. 231E2—Length 10½ ins; width 6½ ins; depth 2 ins $37 95

Quarter doz in carton; wt per doz 22 lbs.

BREAD PANS
Engraved.
Oblong.

Per Doz

No. 212E2—Length 9½ ins; width 5⅛ ins; depth 2⅞ ins $34 20

Quarter doz in carton; wt per doz 20 lbs.

NURSING BOTTLES

A clear tough glass scientifically made to withstand sudden changes of temperature can be boiled or taken from ice box and warmed without fear of breaking, proportioned so they can be easily cleaned. Each bottle has an accurate measuring scale; necks are fashioned so all regular nipples fit securely, designed for easy holding and to prevent rolling.

WIDE MOUTH

No.	48W
Cap, ozs	8
Wt per doz, lbs	8½
Per Doz	$6 30

One in cardboard box; 12 in carton.

NARROW NECK

No.	58N
Cap, ozs	8
Wt per doz, lbs	7⅜
Per Doz	$6 30

One in cardboard box; 12 in carton.

CAST ALUMINUM WARE

LARD SPADES

Solid cast aluminum, polished finish. Per Doz

No. H-1—Length over all 10¼ ins; width 3¼ ins $22 95

Packed loose; wt doz 4½ lbs.

BUTTER LADLES

Solid cast aluminum, polished finish. Per Doz

No. H-3—Length over all 9 ins; width 3⅛ ins $17 25

Packed loose; wt per doz 4 lbs.

CAST ALUMINUM WARE

GRISWOLD'S

SKILLETS

Seamless body, tempered; polished inside; double lipped ebonized wood handle, with ring end.

Nos.	208	209	210
Diam, ins	10½	11½	12
Depth, ins	2¼	2¼	2¼
Wt per doz, lbs	21	24	36
Per Doz	$72 00	82 50	108 00

Packed loose.

GRIDDLES

Seamless; tempered; ebonized wood handle, with ring end.

Nos.	308	309
Diam top, ins	9	10⅜
Wt per doz, lbs	15	19
Per Doz	$67 50	78 75

Packed loose.

TEA KETTLES

Seamless body, welded spout; swing cover; steel wire bail; ebonized wood knob and grip; bail rests on ears. Attractive paneled design.

Nos.	535	536	538
Capacity, qts	5	6	8
Diam bottom, ins	9¼	10	11
Wt per doz, lbs	45	57	60
Per Doz	$135 00	145 50	157 50

Packed loose.

WAFFLE IRONS
Low Ring.

Cast aluminum pans; japanned iron rings; spiral wire handles; pans revolve in ball sockets.

Per Doz

No. 608—Diam pans 7¾ ins; diam bottom of ring 9⅛ ins; height 2¾ ins $97 50

Packed loose; wt per doz 60 lbs.

WAFFLE IRONS
Deep Ring.

Cast aluminum pans; japanned iron rings; spiral wire handles; pans revolve in ball sockets.

Per Doz

No. 618—Diam pans 7¾ ins; diam bottom 9⅛ ins; height 4¼ ins $103 50

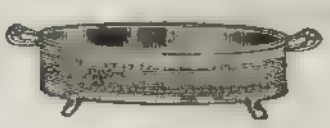
Packed loose; wt per doz 90 lbs.

SUGAR SCOOPS

One solid piece; seamless; solid handle.

Nos.	AS0	AS01	AS1	AS2	AS3	AS4
Size, ins	3x3½	4x10	4x11	5x12	5½x14	6¼x15
Wt per doz, lbs	6	6	9	12	15	18
Per Doz	$28 50	37 80	42 00	47 25	63 00	84 00

FRAMES



BEEFSTEAK

Shallow oval, solid brass heavily nickel plated; engraved pierced handles.

	Each
No. H-400-642—Fits Pyrex No. 642; capacity 2 pts; wt each 1 lb	$3 60
No. H-400-643—Fits Pyrex No. 643; capacity 3 pts; wt each 1¼ lbs	4 05

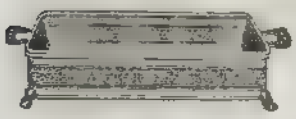
Packed loose.

CASSEROLE

Square, solid brass, heavily nickel plated; engraved pierced handles.

	Each
No. H-400-653—Fits Pyrex casserole No. 653; capacity 3 pts; size 8¼x8¼ ins; depth 3 ins	$5 25

Packed loose, wt each 1¼ lbs.



UTILITY

Brass, nickel plated and polished; hammered and chased border design; pierced and engraved handles.

	Each
No. 400-231—Fits Pyrex utility dish No. 231; wt each 1¼ lbs	$5 10
No. 400-232—Fits Pyrex utility dish No. 232; wt each 1½ lbs	6 00

One in paper pkg.

Brass, nickel plated and polished; embossed design, cast metal handles.

Round.	Each
No. 2734—Fits Pyrex dish No. 209; diam 9 ins	$3 00

One in paper pkg; wt each ½ lb.

Brass, heavily nickel plated; embossed design; ebonized wood handles.

Round.	Each
No. H2730—Fits Pyrex casserole No. 622; capacity 2 pts; diam 7 ins; wt each ¾ lb	$3 00
No. H2731—Fits Pyrex casserole No. 623; capacity 3 pts; diam 8 ins; wt each ⅞ lb	3 60
Oval.	**Each**
No. H2732—Fits Pyrex casserole No. 632; capacity 2 pts; size 8⅛x6⅞x2⅞ ins; wt each ¾ lb	$4 05
No. H2733—Fits Pyrex casserole No. 633; capacity 3 pts; size 9⅛x7x3¾ ins; wt each 1 lb	5 10

One in carton.

FRAMES

COMPETITIVE MAKE

PIE

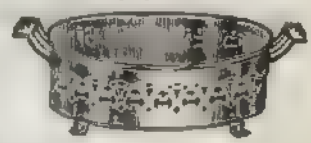
Round Frame, white metal nickel plated, ebonized wood handle; solid metal feet.

Nos.	H-742-209	H-742-200
Fits Pyrex Pie Plate, No.	209	200
Diam, ins	9	9¾
Depth, ins	1½	1½
Wt each, lbs	½	⅝
Each	$1 65	1 65

Packed loose; wrapped in heavy paper.

CASSEROLE

White metal, highly nickel plated; metal handles and solid metal feet.



Round Frame.

Nos.	H-717-R	H-718-R	H-719-R
Capacity, qts	1	1½	2
Fits Pyrex, Casserole Nos.	622	623	624
Size, ins	7	7½	8⅛
Depth, ins	3	3	3
Wt each, lbs	1	1¼	1½
Each	$1 35	1 50	1 65

Oval Frame.

Nos.	H-718-O	H-719-O	H-720-O
Capacity, qts	1	1½	2
Fits Pyrex, Casserole Nos.	632	633	634
Size, ins	5½x7½	6¼x8⅝	10¼x7
Depth, ins	3	3	2⅛
Wt each, lbs	1	1¼	1⅝
Each	$1 35	1 50	1 65

Packed loose.

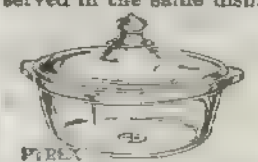
PYREX

TRANSPARENT OVEN WARE

A clear tough glass, scientifically made to withstand the sudden changes of temperature incidental to baking. Easily cleaned and the most sanitary of cooking utensils.

Will not absorb odors or flavors; discolor, glaze or flake and has a smooth hard surface.

Pyrex dishes have a large capacity for absorbing heat, which means economy of fuel. The food may be baked and served in the same dish.



CASSEROLES

Round, With Cover, Fit Standard Mountings.

Nos.	621	622	623	624	626
Capacity, qts	½	1	1½	2	3
Diam, ins	6	6⅛	7⅞	8⅞	10⅜
Depth, ins	2¼	2¾	3	3¼	3½
Wt doz, lbs	17	27	36	42	46
Per Doz	$25 50	37 80	45 00	50 55	63 00

One in carton.

PYREX SPECIAL, CASSEROLE

Each with Equal Value of Other Pyrex

No. 622SPEC—Capacity 1 qt; diam 6⅛ ins; depth 2⅜ ins	$2 10

One in carton; wt each 2¼ lbs.

STANLEY PLANE PARTS

BAILEY IRON

Bailey Old Style.

Bailey New Style.

An Improvement has been made in the Bailey Iron Plane which necessitated a change in the construction of the Bottom and Frog, thereby making it impossible to use the new style Frog in the old style Bottom, or the old style Frog in a new style Bottom.

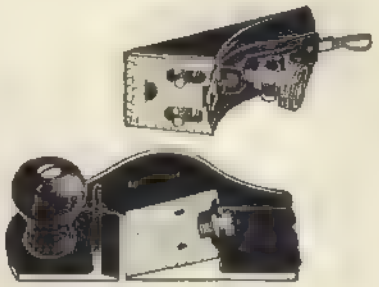
For a time an intermediate style was made having same frog and bottom as the latest design, except that there was no Frog adjusting screw, consequently no clip on the Frog.

The latest design Frog or Bottom will be furnished for both the intermediate and new style Planes. If your plane is of the intermediate pattern, remove the steel clip from the Frog and the parts will fit.

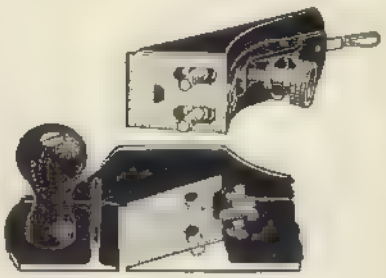
In order that we may fill your order correctly, kindly advise us which style Plane you have.

The difference in construction of the Frogs and Bottoms is very clearly shown in the illustrations above

BED ROCK



Bed-Rock Old Style.



Bed-Rock New Style.

An Improvement has been made in the Bed Rock Plane which necessitated a change in the construction of the Bottom and Frog, thereby making it impossible to use the new style Frog in an old style Bottom or the old style Frog in a new style Bottom.

In order that we may fill your order correctly kindly advise us which style Plane you have.

The difference in construction of the Frogs and Bottoms is very clearly shown in the illustrations above

PLANE PARTS

INTERCHANGEABLE

In the following tables the numbers of Planes taking the same identical part are given on the same line or group, for instance—

A 1⅝ inch Single Iron is the same in 13 numbers of Planes, therefore an order for Single Plane Irons for a No. 9½ Plane would provide for any or all of the Planes shown in the same line or group, or

An order for Adjusting Nuts for No 9½ Plane would provide for any of the planes in that line, viz., Nos. 9½, 9¾, 15 and 15½.

PART No. 1

SINGLE PLANE IRONS

For Bailey, Bed Rock and Stanley Iron Planes.

Used in Planes:

1¼ inch. No. 1 ....Each $0 45
1⅝ inch. Nos. 2, 602....Each $0 50
1¾ inch. Nos. 3, 3C, 5¼, 5¼C, 22, 603, 603C, 20, 113 .....Each $0 55
2 inch. Nos. 4, 4C, 5, 5C, 9, 24, 26, 35, 604, 604C, 605, 605C .....Each $0 60
2⅛ in. Nos. 10, 10¼, 10½ .Each 65
2¼ inch. Nos 5½, 5½C, 27½, 605½, 605½C ....Each $0 70
2⅜ inch Nos 4½, 4½C, 6, 6C, 7, 7C, 11, 28, 31, 36 52, 604½, 604½C, 606, 606C 607, 607C .....Each $0 75
2⅝ inch. Nos 8, 8C, 32, 608, 608C ....Each $0 80

For "Gage" Iron and Wood Planes.

Used in Planes:

1¾ in. Nos. G3, G3C, G22. Each $0 55
2 in. Nos. G4, G4C, G5, G5C, G26, G35, G36 .....Each $0 60
2¼ in. Nos. G6, G6C, G28, G30. Ea 70
2½ in. Nos. G7, G7C .....Each 80

For "Bailey" and Stanley Block Planes.

Used in Planes·

1 in. Nos. 100, 101 .....Each $0 13
1⅜ in. Nos. 60, 60½, 61, 203. Each 42
1¾ in. No. 102.....Each 21
1⅝ in. No. 103 .....Each 21
1⅝ in. Nos. 9½, 9¾, 15, 15½, 16, 17, 18, 19, 63, 65, 65½, 131, 220. Each $0 42
1⅝ in. Nos. 110, 130.....Each 32
1⅝ in. No. 120 .....Each 42
1¾ in. No. 140 .....Each 50

PART No. 1A

DOUBLE PLANE IRONS

For Bailey, Bed Rock and Stanley Iron Planes.

Used in Planes:

1¼ in. No. 1.....Each $0 80
1⅝ in. Nos. 2, 2C, 602.....Each 85
1¾ in. Nos. 3, 3C, 5¼, 5¼C, 603, 603C .....Each $0 90
1¾ in. No. 113.....Each 90
1¾ in. No. 20 .....Each 90
2 in. Nos. 4, 4C, 5, 5C, 604, 604C, 605, 605C .....Each $0 95
2 in. No. 8 .....Each 95
2⅛ in. No. 10, 10¼, 10½..Each 1 00
2¼ in. Nos. 5½, 5½C, 605½, 605½C .....Each $1 10
2⅜ in. Nos. 4½, 4½C, 6, 6C, 7, 7C, 604½, 604½C, 606, 606C, 607, 607C, 52 .....Each $1 20
2⅜ in. No. 11.....Each 1 20
2⅝ in. Nos. 8, 8C, 608, 608C. Each 1 30

STANLEY PLANE PARTS

PART No. 1A (Continued)

DOUBLE PLANE IRONS

For "Bailey" Wood Planes.

Used in Planes:

1¾ in.	No. 22	Each $0 90
2 in.	Nos. 24, 26, 35	Each 95
2¼ in.	No. 27½	Each 1 10
2⅜ in.	No. 28, 31, 36	Each 1 20
2⅝ in.	No. 32	Each 1 30

PART No. 2

CAP IRONS

For "Bailey" and Bed Rock Iron Planes.

Used in Planes:

1¼ in.	No. 1	Each $0 35
1⅝ in.	Nos. 2, 2C, 602	Each 35
1¾ in.	Nos. 3, 3C, 5¼, 5¼C, 603, 603C	Each $0 35
1¾ in.	No. 113	Each 35
1¾ in.	No. 20	Each 35
2 in.	Nos. 4, 4C, 5, 5C, 604, 604C, 605, 605C	Each 35
2 in.	No. 9	Each 35
2⅛ in.	10, 10¼, 10½	Each 35
2¼ in.	Nos. 5½, 5½C, 605½, 605½C	Each 40
2⅜ in.	Nos. 4½, 4½C, 6, 6C, 7, 7C, 604½, 604½C, 606, 606C, 607, 607C	Each $0 45
2⅜ in.	No. 11	Each 45
2⅝ in.	Nos. 8, 8C, 608, 608C	Each 50

For Bailey Wood Planes.

Used in Planes:

1¾ in.	No. 22	Each $0 35
2 in.	No. 24, 26, 35	Each 35
2¼ in.	No. 27½	Each 40
2⅜ in.	Nos. 28, 31, 36	Each 45
2⅝ in.	No. 32	Each 50

PART No. 3

CAP SCREWS

For Planes:

No. 1	Each $0 10
Nos. 2, 2C, 3, 3C, 4, 4C, 4½, 4½C, 5, 5C, 5¼, 5¼C, 5½, 5½C, 6, 6C, 7, 7C, 8, 8C	Each $0 10
Nos. 602, 603, 603C, 604, 604C, 604½, 604½C, 605, 605C, 605½, 605½C, 606, 606C, 607, 607C, 608, 608C	Each $0 10
Nos. 22, 24, 26, 27½, 28, 31, 32, 35, 36	Each $0 10

PART No. 4

LEVER CAPS

For Planes:

No. 1	Each $0 50
Nos. 2, 2C, 602	Each 50
Nos. 3, 3C, 5¼, 5¼C, 603, 603C	Each 50
Nos. 4, 4C, 5, 5C, 604, 604C, 605, 605C	Each 50
Nos. 4½, 4½C, 6, 6C, 7, 7C, 604½, 604½C, 606, 606C, 607, 607C	Each $0 50
Nos. 5½, 5½C, 605½, 605½C	Each 50
Nos. 8, 8C, 608, 608C	Each 50
No. 22	Each 50
Nos. 24, 26, 35	Each 50
No. 27½	Each 50
Nos. 28, 31, 36	Each 50
No. 32	Each 50
Nos. 9½, 9¾, 15, 15½, 65½	Each 20
Nos. 16, 17, 63	Each 30
Nos. 18, 19, 65	Each 40
Nos. 60, 61	Each 30
No. 60½	Each 30
No. 62	Each 30
Nos. 100, 101	Each 10
Nos. 102, 103	Each 20
Nos. 110, 120, 130	Each 20
Nos. 131, 220	Each 20
No. 140	Each 30
No. 203	Each 20

PART No. 5

LEVER CAP SCREWS

For Planes:

No. 1	Each $0 10
Nos. 2, 2C, 3, 3C, 4, 4C, 4½, 4½C, 5, 5C, 5¼, 5¼C, 5½, 5½C, 6, 6C, 7, 7C, 8, 8C	Each $0 10
Nos. 602, 603, 603C, 604, 604C, 604½, 604½C, 605, 605C, 605½, 605½C, 606, 606C, 607, 607C, 608, 608C	Each $0 10
Nos. 22, 24, 26, 27½, 28, 31, 32, 35, 36	Each $0 10
Nos. 9½, 9¾, 15, 15½, 16, 17, 62, 131, 220	Each $0 10
Nos. 18, 19	Each 10
Nos. 60, 60½, 61, 63, 65½	Each 10
No. 65	Each 10
No. 140	Each 10
No. 203	Each 10

PART No. 6

FROGS COMPLETE

For Planes:

No. 1	Each $0 70
Nos. 2, 2C	Each 70
Nos. 3, 3C, 5¼, 5¼C	Each 70
Nos. 4, 4C, 5, 5C	Each 70
Nos. 4½, 4½C, 6, 6C, 7, 7C	Each 70
Nos. 5½, 5½C	Each 70
Nos. 8, 8C	Each 70
No. 602	Each 1 00
Nos. 603, 603C	Each 1 00
Nos. 604, 604C, 605, 605C	Each 1 00
Nos. 604½, 604½C, 606, 606C, 607, 607C	Each $1 00
Nos. 605½, 605½C	Each 1 00
Nos. 608, 608C	Each 1 00
No. 22	Each 60
Nos. 24, 26, 35	Each 60
No. 27½	Each 60
Nos. 28, 31, 36	Each 60
No. 32	Each 60
Nos. 60, 60½, 61, 63, 65, 65½	Each 20
No. 62	Each 20
Nos. 103, 120	Each 30
No. 131	Each 30
No. 140	Each 20
Nos. 203, 220	Each 20

PART No. 7

ADJUSTING LEVERS

For Planes:

No. 1	Each $0 10
Nos. 2, 2C, 3, 3C, 4, 4C, 4½, 4½C, 5, 5C, 5¼, 5¼C, 5½, 5½C, 6, 6C, 7, 7C, 8, 8C, 602, 603, 603C, 604, 604C, 604½, 604½C, 605, 605C, 605½, 605½C, 606, 606C, 607, 607C, 608, 608C	Each $0 10
Nos. 22, 24, 26, 27½, 28, 31, 32, 35, 36	Each $0 10
Nos. 9½, 9¾, 15, 15½, 16, 17, 18, 19	Each $0 10

PART No. 8

ADJUSTING NUTS

For Planes:

No. 1	Each $0 20
Nos. 2, 2C, 602	Each 20
Nos. 3, 3C, 4, 4C, 4½, 4½C, 5, 5C, 5¼, 5¼C, 5½, 5½C, 6, 6C, 7, 7C, 8, 8C	Each $0 20
Nos. 603, 603C, 604, 604C, 604½, 604½C, 605, 605C, 605½, 605½C, 606, 606C, 607, 607C, 608, 608C	Each $0 20
Nos. 22, 24, 26, 27½, 28, 31, 32, 35, 36	Each $0 20
Nos. 9½, 9¾, 15, 15½	Each 20
Nos. 16, 17, 18, 19	Each 20
Nos. 60, 65, 61, 63	Each 20
Nos. 60½, 65½	Each 20
No. 62	Each 20
No. 131	Each 20
Nos. 140, 220	Each 20
No. 203	Each 20

STANLEY PLANE PARTS

PART No. 9
LATERAL ADJUSTING LEVER

For Planes:

Nos. 2, 2C, 602, 22, 24.....Each $0 20

Nos. 3, 3C, 4, 4C, 4½, 4½C, 5, 5C, 5¼, 5¼C, 5½, 5½C, 6, 6C, 7, 7C, 8, 8C, 603, 603C, 604, 604C, 604½, 604½C, 605, 605C, 605½, 605½C, 606, 606C, 607, 607C, 608, 608C, 26, 27½, 28, 31, 32, 35, 36 .....Each 20

Nos. 9½, 9¾, 15, 15½, 16, 17, 18, 19 .....Each $0 20

PART No. 10
FROG SCREWS

For Planes:

No. 1 .....Each $0 10
No. 2, 2C .....Each 10

Nos. 3, 3C, 4, 4C, 4½, 4½C, 5, 5C, 5¼, 5¼C, 5½, 5½C, 6, 6C, 7, 7C, 8, 8C .....Each $0 10

FROG SCREW AND BUSHING

For Planes:

Nos. 22, 24, 26, 27½, 28, 31, 32, 35, 36 .....Each $0 20

PART No. 11
HANDLES

For Planes:

No. 1 .....Each $0 40
Nos. 2, 2C, 602.....Each 40

Nos. 3, 3C, 603, 603C, 4, 4C, 5¼, 5¼C, 604, 604C .....Each $0 40

Nos. 4½, 4½C, 5, 5C, 5½, 5½C, 6, 6C, 7, 7C, 8, 8C, 604½, 604½C, 605, 605C, 605½, 605½C, 606, 606C, 607, 607C, 608, 608C .....Each $0 40
Nos. 26, 27, 27½, 28, 31, 32.Each 20
Nos. 35, 36 .....Each 20
Nos. 9¾, 15½ .....Each 50
No. 62 .....Each 60

PART No. 12
KNOBS

For Planes:

No. 1 .....Each $0 30
Nos. 2, 2C, 602 .....Each 30

Nos. 3, 3C, 4, 4C, 5¼, 5¼C, 603, 603C, 604, 604C .....Each $0 30

Nos. 4½, 4½C, 5, 5C, 604½, 604½C, 605, 605C .....Each $0 30

Nos. 5½, 5½C, 6, 6C, 7, 7C, 8, 8C, 605½, 605½C, 606, 606C, 607, 607C, 608, 608C .....Each $0 30

Nos. 22, 24, 35, 26, 27½, 28, 31, 32, 36 .....Each $0 20
Nos. 110, 120, 130 .....Each 20
Nos. 131, 140, 220, 63, 203, 61.Each 30

PART No. 13
HANDLE BOLTS AND NUTS

For Planes:

No. 1 .....Each $0 20
Nos. 2, 2C, 602.....Each 20

Nos. 3, 3C, 4, 4C, 5¼, 5¼C, 603, 603C, 604, 604C 26, 27½, 28, 31, 32 Each 20

Nos. 4½, 4½C, 5, 5C, 5½, 5½C, 6, 6C, 7, 7C, 8, 8C, 604½, 604½C, 605, 605C, 605½, 605½C, 606, 606C, 607, 607C, 608, 608C .....Each $0 20
Nos. 35, 36 .....Each 20

PART No. 14
KNOB BOLTS AND NUTS

For Planes:

No. 1 .....Each $0 20
Nos. 2, 2C, 602 .....Each 20

Nos. 3, 3C, 4, 4C, 5¼, 5¼C, 603, 603C, 604, 604C .....Each $0 20

Nos. 4½, 4½C, 5, 5C, 604½, 604½C, 605, 605C .....Each $0 20

Nos. 5½, 5½C, 6, 6C, 7, 7C, 8, 8C, 605½, 605½C, 606, 606C, 607, 607C, 608, 608C .....Each $0 20

KNOB SCREWS

For Planes:

Nos. 22, 24, 35.....Each 10
Nos. 26, 27½, 28, 31, 32, 36.Each 10

PART No. 15
PLANE HANDLE TOE SCREWS

For Planes:

Nos. 4½, 4½C, 5, 5C, 5½, 5½C, 6, 6C, 7, 7C, 8, 8C, 604½, 604½C, 605, 605C, 605½, 605½C, 606, 606C, 607, 607C, 608, 608C .....Each $0 10

PART No. 16
PLANE BOTTOMS

For Planes

No. 1 .....Each $1 70
No. 2 .....Each 1 70
No. 2C .....Each 1 87
No. 3 .....Each 2 00
No. 3C .....Each 2 20
No. 4 .....Each 2 60
No. 4C .....Each 2 20
No. 4½ .....Each 2 40
No. 4½C .....Each 2 64
No. 5 .....Each 2 40
No. 5C .....Each 2 64
No. 5¼ .....Each 2 40
No. 5¼C .....Each 2 64
No. 5½ .....Each 2 40
No. 5½C .....Each 2 64
No. 6 .....Each 3 30
No. 6C .....Each 3 63
No. 7 .....Each 4 70
No. 7C .....Each 5 17
No. 8 .....Each 5 70
No. 8C .....Each 6 27
No. 602 .....Each 2 20
No. 603 .....Each 2 50
No. 603C .....Each 2 75
No. 604 .....Each 2 50
No. 604C .....Each 2 75
No. 604½ .....Each 3 00
No. 604½C .....Each 3 30
No. 605 .....Each 3 00
No. 605C .....Each 3 30
No. 605½ .....Each 3 20
No. 605½C .....Each 3 52
No. 606 .....Each 4 40
No. 606C .....Each 4 84
No. 607 .....Each 6 20
No. 607C .....Each 6 82
No. 608 .....Each 7 00
No. 608C .....Each 7 70
No. 22 .....Each 80
No. 24 .....Each 80
No. 26 .....Each 1 00
No. 27½ .....Each 1 00
No. 28 .....Each 1 40
No. 31 .....Each 1 60
No. 32 .....Each 1 70
No. 35 .....Each 80
No. 36 .....Each 1 00
Nos. 9½, 9¾, 16, 18.....Each 1 40
Nos. 15, 15½, 17, 19 .....Each 1 50

PART No. 16 (Continued.)
PLANE BOTTOMS

For Planes:

Nos. 60, 60½ .....Each 1 20
No. 61 .....Each 1 00
No. 62 .....Each 3 50
No. 63 .....Each 1 00
Nos. 65, 65½ .....Each 1 50
No. 100 .....Each 20
No. 101 .....Each 20
No. 102 .....Each 40
No. 103 .....Each 40
No. 110 .....Each 50
No. 120 .....Each 60
No. 130 .....Each 70
No. 131 .....Each 1 40
No. 140 .....Each 1 50
No. 203 .....Each 50
No. 220 .....Each 60

PART No. 17
TOP CASTINGS

For Planes:

No. 22 .....Each $0 40
No. 24 .....Each 40
No. 26 .....Each 40
No. 27½ .....Each 40
Nos. 28, 31 .....Each 40
No. 32 .....Each 40
No. 35 .....Each 40
No. 36 .....Each 40

PART No. 21
ECCENTRIC PLATES

For Planes:

Nos. 9½, 9¾, 15, 15½, 16, 17, 18, 19, 65, 65½ .....Each $0 20
Nos. 60, 60½ .....Each 20
No. 62 .....Each 20

PART No. 22
FINGER REST KNOBS

For Planes:

Nos. 9½, 9¾, 15, 15½.....Each $0 20
Nos. 16, 17, 18, 19 .....Each 20
Nos. 60, 65 .....Each 20
Nos. 60½, 65½.....Each 20
No. 62 .....Each 30

PART No. 44
FROG PINS

For Planes:

Nos. 602 .....Each $0 20

Nos. 603, 603C, 604, 604C, 604½, 604½C, 605, 605C, 605½, 605½C, 606, 606C, 607, 607C, 608, 608C...Each $0 20

PART No. 45
FROG CLAMPING SCREWS

For Planes:

Nos. 602, 603, 603C, 604, 604C, 604½, 604½C, 605, 605C, 605½, 605½C, 606, 606C, 607, 607C, 608, 608C...Each $0 10

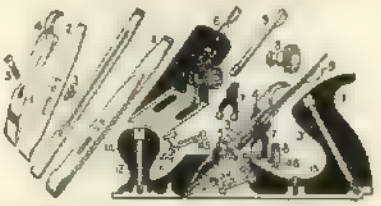
PART No. 46
FROG ADJUSTING SCREWS

For Planes:

Nos. 2, 2C, 3, 3C, 4, 4C, 4½, 4½C, 5, 5C, 5¼, 5¼C, 5½, 5½C, 6, 6C, 7, 7C, 8, 8C, 602, 603, 603C, 604, 604C, 604½, 604½C, 605, 605C, 605½, 605½C, 606, 606C, 607, 607C, 608, 608C...Each $0 10

PLANE PARTS

FOR BED ROCK PLANES



No.	Name of Part	For Planes, Nos.: 602	603 / 603C	604 / 604C	604½ / 604½C	605 / 605C	605½ / 605½C	606 / 606C	607 / 607C	608 / 608C
1A	Double Plane Iron	$0 90	1 00	1 10	1 25	1 10	1 20	1 25	1 25	1 30
1	Single Plane Iron	55	60	65	80	65	75	80	80	80
2	Plane Iron Cap	35	40	45	45	45	45	45	45	50
3	Cap Screw	10	10	10	10	10	10	10	10	10
4	Lever Cap	60	60	60	60	60	60	60	60	60
5	Lever Cap Screw	10	10	10	10	10	10	10	10	10
6	Frog Complete	1 00	1 00	1 00	1 00	1 00	1 00	1 00	1 00	1 00
7	Y Adjusting Lever	10	10	10	10	10	10	10	10	10
8	Adjusting Nut	20	20	20	20	20	20	20	20	20
9	Lateral Adjusting Lever	20	20	20	20	20	20	20	20	20
11	Plane Handle	40	40	40	40	40	40	40	40	40
12	Plane Knob	30	30	30	30	30	30	30	30	30
14	Knob Bolt and Nut	20	20	20	20	20	20	20	20	20
15	Plane Handle Screw	....	....	10	10	10	10	10	10	10
16	Plane Bottom	2 20	2 50	2 50	3 00	3 00	3 20	4 40	6 20	7 00
44	Frog Pin	20	20	20	20	20	20	20	20	20
45	Frog Clamping Screw	10	10	10	10	10	10	10	10	10
46	Frog Adjusting Screw	10	10	10	10	10	10	10	10	10

FOR BAILEY IRON PLANES

We carry in stock many of the parts shown below, also parts illustrated elsewhere in this catalog. Parts not carried in stock will be ordered from the factory.

No.	Name of Part.	For Planes, Nos.: 1	2 / 2C	3 / 3C	A4 4 / 4C	4½ / 4½C	A5 5 / 5C	5¼ / 5¼C	5½ / 5½C	A6 6 / 6C	7 / 7C	8 / 8C
1A	Double Plane Iron	$0 90	0 90	1 00	1 10	1 25	1 10	1 00	1 20	1 25	1 25	1 30
1	Single Plane Iron	55	55	60	65	80	65	60	75	80	80	80
2	Plane Iron Cap	35	35	40	45	45	45	40	45	45	45	50
3	Cap Screw	10	10	10	10	10	10	10	10	10	10	10
4	Lever Cap	50	50	50	50	50	50	50	50	50	50	50
5	Lever Cap Screw	10	10	10	10	10	10	10	10	10	10	10
6	Frog Complete	70	70	70	70	70	70	70	70	70	70	70
7	"Y" Adjusting Lever	10	10	10	10	10	10	10	10	10	10	10
8	Adjusting Nut	20	20	20	20	20	20	20	20	20	20	20
9	Lateral Adjusting Lever	20	20	20	20	20	20	20	20	20	20	20
10	Frog Screw	10	10	10	10	10	10	10	10	10	10	10
11	Plane Handle	40	40	40	40	40	40	40	40	40	40	40
12	Plane Knob	30	30	30	30	30	30	30	30	30	30	30
13	Handle Bolt and Nut	20	20	20	20	20	20	20	20	20	20	20
14	Knob Bolt and Nut	20	20	20	20	20	20	20	20	20	20	20
15	Plane Handle Screw	....	....	....	....	10	10	10	10	10	10	10
16	Plane Bottom	1 70	1 70	2 00	2 00	2 40	2 40	2 40	2 40	3 30	4 70	5 70
46	Frog Adjusting Screw	10	10	10	10	10	10	10	10	10	10	10

PLANE PARTS

FOR BAILEY WOOD PLANES

We carry in stock many of the parts shown below; also parts illustrated elsewhere in this catalog. Parts not carried in stock will be ordered from the factory.

No.	Name of Part	For Planes, Nos.: 22	24 25 35	26	27½	28	31	32	36	37
1A	Double Plane Iron	$1 00	1 10	1 10	1 20	1 25	1 25	1 30	1 25	1 25
1	Single Plane Iron	60	65	65	75	80	80	80	80	80
2	Plane Iron Cap	40	45	45	45	45	45	50	45	45
3	Cap Screw	10	10	10	10	10	10	10	10	10
4	Lever Cap	40	40	40	40	40	40	40	40	40
5	Lever Cap Screw	10	10	10	10	10	10	10	10	10
6	Frog Complete	60	60	60	60	60	60	60	60	60
7	"Y" Adjusting Lever	10	10	10	10	10	10	10	10	10
8	Adjusting Nut	20	20	20	20	20	20	20	20	20
9	Lateral Adjusting Lever	20	20	20	20	20	20	20	20	20
10	Frog Screw and Bushing	20	20	20	20	20	20	20	20	20
11	Plane Handle	....	20	20	20	20	20	20	20	20
12	Plane Knob	20	20	20	20	20	20	20	20	20
13	Handle Bolt and Nut	....	20	20	20	20	20	20	20	20
14	Knob Screw	10	10	10	10	10	10	10	10	10
16	Plane Bottom	80	80	1 00	1 00	1 40	1 60	1 70	1 00	1 40
17	Top Casting	40	40	40	40	40	40	40	40	40

FOR BAILEY AND STANLEY BLOCK PLANES

No.	Name of Part	For Planes, Nos.: 9½ 9¾	15 15½	16 17	A18 18	19	60 60½	62	61 63	65	65½
1	Single Plane Iron	$0 45	$0 45	0 45	0 45	0 45	0 45	0 90	0 45	0 45	0 45
4	Lever Cap	20	20	30	40	40	30	30	30	40	20
5	Lever Cap Screw	10	10	10	10	10	10	10	10	10	10
6	Frog Complete	....	....	....	....	....	20	20	20	20	20
7	Adjusting Lever	10	10	10	10	10	....	....	....	....	....
8	Adjusting Nut	20	20	20	20	20	20	20	20	20	20
9	Lateral Adjusting Lever	20	20	20	20	20	....	....	....	....	....
11	Plane Handle	50	50	....	....	....	....	60	....	....	....
16	Plane Bottom	1 40	1 50	1 50	1 50	1 50	1 20	3 50	1 00	1 50	1 50
21	Eccentric Plate	20	20	20	20	20	20	20	20	20	20
22	Finger Rest Knob	20	20	20	20	20	20	30	20	20	20

PLANE PARTS

FOR STANLEY BLOCK PLANES

No.	Name of Part	For Planes, Nos.: 100 101	102	103	110	120	130	131	140	203	220
1	Single Plane Iron	$0 10	$0 20	0 20	0 30	0 45	0 30	0 45	0 50	0 45	0 45
4	Lever Cap	10	20	20	20	20	20	20	30	20	20
5	Lever Cap Screw	....	....	....	....	....	.....	10	10	10	10
6	Frog Complete	....	....	....	....	30	....	30	20	20	20
8	Adjusting Nut	....	....	....	....	....	....	20	20	20	20
12	Plane Knob	....	....	...	20	20	20	30	30	30	30
16	Plane Bottom	20	40	40	50	60	70	1 40	1 50	50	60
18	Detachable Side	....	....	....	....	....	....	....	50	.....	....
19	Side Screws (Pair)	....	....	....	....	....	....	....	20	....	....

Illustrations about one half size

W 141 $21.00 ea.
Enamel Costume Bag. Pouch Shape. Extra Fine Weave. Silk lined and Mirror. Frame 5 in. wide.

W 142 $15.00 ea.
Enamel "Beadlite" Costume Bag. Pouch Shape. Silk lined and Mirror. Frame 5 in. wide.

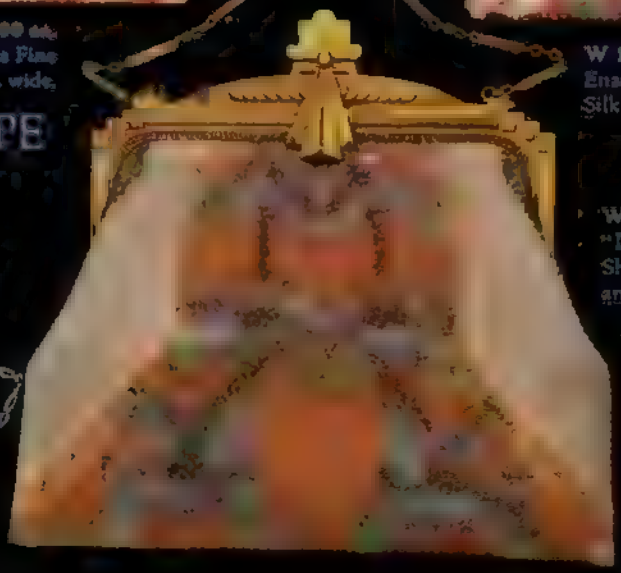
THE POUCH SHAPE

is the newest WHITING & DAVIS Costume Bag Creation

Inspired by

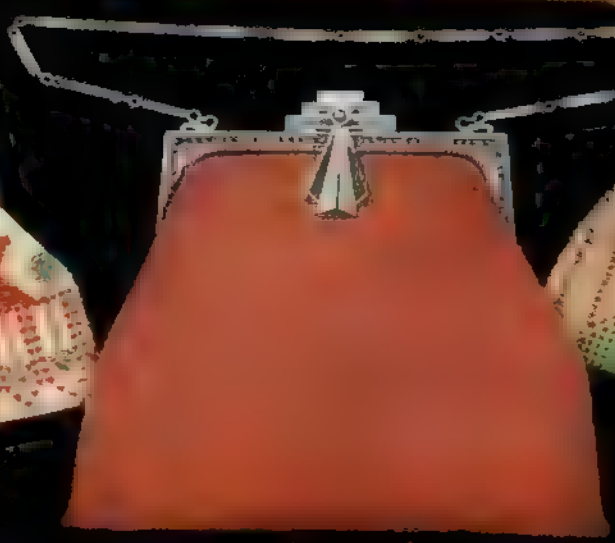
PAUL POIRET

celebrated Parisian creator of costume bag designs exclusively for this company

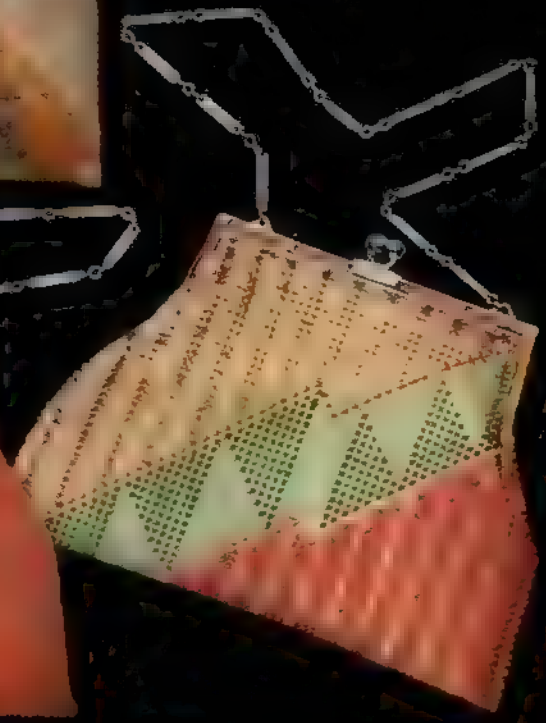


W 144 $27.00 ea.
"Dresden" Enamel Costume Bag. Pouch Shape. Fine Soldered Mesh. Silk lined and Mirror. Frame 5 in. wide.

W 143 $6.00 ea.
Enamel Costume Bag. Pouch Shape. Silk lined and Mirror. Frame 4 in. wide.



W 145 $21.00 ea.
"Dresden" Enamel Costume Bag. Pouch Shape. Fine Soldered Mesh. Silk lined and Mirror. Frame 4 in. wide.



W 146 $12.50 ea.
Enamel Costume Bag. Pouch Shape. Extra Fine Weave. Silk lined and Mirror. Frame 4 in. wide.

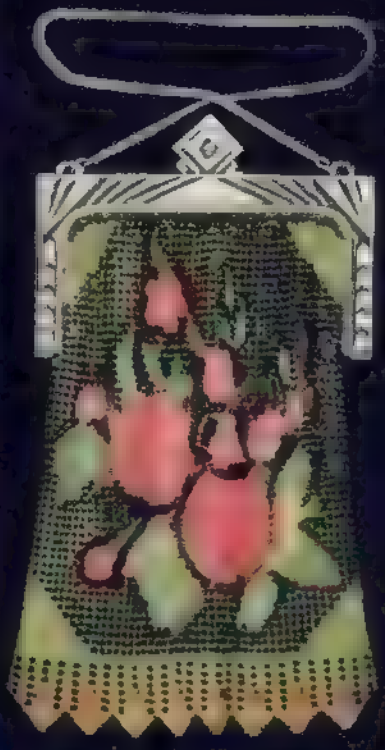
MESH
WHITING & DAVIS CO
BAGS

Hand in Hand with Fashion

Illustrations about one half size

W 151 $13.50 ea.
Enamel "Beadlite" Mesh Costume Bag. Silk Lining and Mirror. 4 in. wide.

W 152 $24.00 ea.
Enamel Armor Mesh Costume Bag. Extra Fine Weave. Silk Lining and Mirror. Snake Chain Handle. 24 kt. Gold Finish. 5 in. wide.



W 153 $15.00 ea.
Enamel Armor Mesh Costume Bag. Extra Fine Weave. Silk Lining and Mirror. Snake Chain Handle. 4 in. wide.

W 154 $15.00 ea.
Enamel Armor Mesh Costume Bag. Extra Fine Weave. Silk Lining and Mirror. Snake Chain Handle. 24 kt. Gold Finish. 4 in. wide.

W 155 $15.00 ea.
Enamel "Beadlite" Mesh Costume Bag. Silk Lining and Mirror. 5 in. wide.

W 156 $13.50 ea.
Enamel "Beadlite" Mesh Costume Bag. Silk Lining and Mirror. 24 kt. Gold Finish. 4 in. wide.

MESH BAGS
WHITING & DAVIS CO

Hand in Hand with Fashion

Illustrations about one half size

W 161 $22.50 ea.
"Dresden" Enamel Costume Bag. Fine Soldered Mesh. Silk Lining and Mirror. Serpent Chain Handle. Frame 4 in. Wide.

W 162 $35.00 ea.
"Dresden" Enamel Costume Bag. Fine Soldered Mesh. Silk Lining and Mirror. Serpent Chain Handle. Frame 5 in. Wide.

W 163 $20.00 ea.
"Dresden" Enamel Costume Bag. Fine Soldered Mesh. Silk Lining and Mirror. Serpent Chain Handle. Frame 4 in. Wide.

W 164 $24.00 ea.
"Dresden" Enamel Costume Bag. Fine Soldered Mesh. Silk Lining and Mirror. Frame 5 in. Wide.

W 165 $15.00 ea.
"Dresden" Enamel Costume Bag. Fine Soldered Mesh. Silk Lining and Mirror. Frame 4 in. Wide.

W 166 $27.00 ea.
"Dresden" Enamel Costume Bag. Fine Soldered Mesh. Silk Lining and Mirror. Serpent Chain Handle. Frame 5 in. Wide.

MESH BAGS

WHITING & DAVIS CO

Illustrations about one half size

W 174 $25.50 ea.
"Dresden" Enamel Costume Bag. Fine Soldered Mesh. Silk Lining and Mirror. Serpent Chain Handle. Frame 4 in. Wide.

W 175 $31.50 ea.
"Dresden" Enamel Costume Bag. Fine Soldered Mesh. Silk Lining and Mirror. Serpent Chain Handle. Frame 5 in. Wide.

W 176 $18.50 ea.
"Dresden" Enamel Costume Bag. Fine Soldered Mesh. Silk Lining and Mirror. Serpent Chain Handle. Frame 4 in. Wide.

W 171 $30.00 ea.
"Dresden" Enamel Costume Bag. Fine Soldered Mesh. Silk Lining and Mirror. Serpent Chain Handle. Frame 5 in. Wide.

W 172 $27.00 ea.
"Dresden" Enamel Costume Bag. Fine Soldered Mesh. Silk Lining and Mirror. Serpent Chain Handle. Frame 4 in. Wide.

W 173 $36.00 ea.
"Dresden" Enamel Costume Bag. Fine Soldered Mesh. Silk Lining and Mirror. Serpent Chain Handle. Frame 5 in. Wide.

MESH BAGS
WHITING & DAVIS CO.

Illustrations about one half size

W 184 $4.00 ea.
Enamel Armor Mesh Costume Bag. 3 3/4 in. wide.

W 185 $4.00 ea.
Enamel "Beadlite" Mesh Costume Bag. 4 1/2 in. wide.

W 186 $8.00 ea.
Enamel Armor Mesh Costume Bag. Silk Lining and Mirror. 4 in. wide.

W 181 $4.00 ea.
Enamel Armor Mesh Costume Bag. 5 in. wide.

W 182 $4.00 ea.
Enamel "Beadlite" Mesh Costume Bag. 3 3/4 in. wide.

W 183 $12.00 ea.
Enamel Armor Mesh Costume Bag. Silk Lining and Mirror. 5 in. wide.

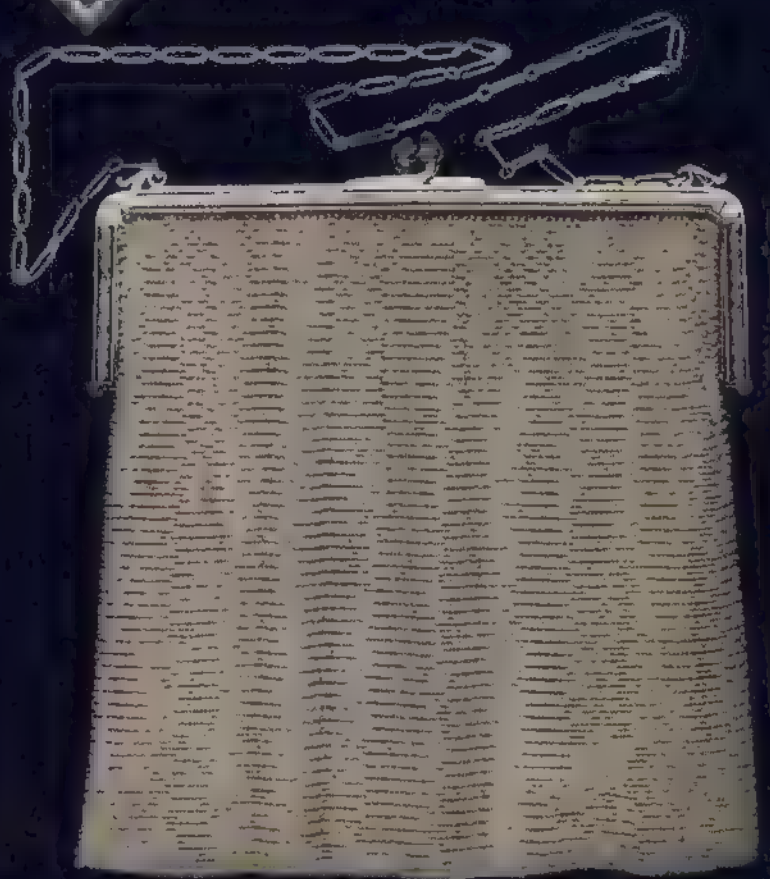
Hand in Hand with Fashion

NEW!

These 1929 - 1930 Models of WHITING & DAVIS COSTUME BAG Creations are Smart — Correct — and Sponsored by that great Parisian Stylist — PAUL POIRET

W 131 $72.50

Costume Bag, Sterling Silver and 1/10 gold filled. Fine Soldered Mesh. Hand Engraved Frame. Sapphire Clasp. 4 in. wide.



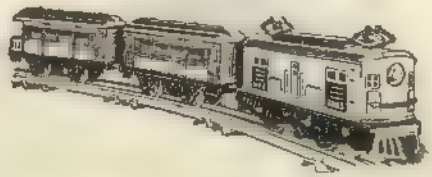
W 141 $49.50

Costume Bag, Sterling Silver Enamel Frame. Fine Soldered Mesh. 5 in. wide.

MESH
WHITING & DAVIS CO
BAGS

ELECTRIC TRAINS

AMERICAN FLYER



The Junior Champ. Narrow Gauge.

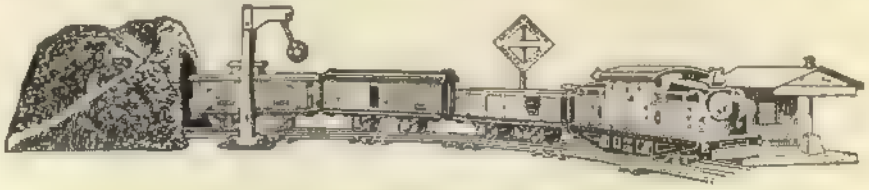
This is a very special number which combines beauty, finish and detail with exceptional low cost. The No. 1093, 7 in. locomotive is finished entirely in two-tone green oven baked enamel. Its beauty is enhanced by the addition of name-plates, hand rails, etc. The Empire Limited, No. 1123 pullman and 1124 observation cars are 5½ inches long and have detailed chrome yellow lithographed steel sides with green enameled roofs. Length of train 19½ inches. Eight curved tracks included.

No. 1310. (25 Watt Transformer recommended). ....**Each $5 50**

The Vanguard. Narrow Gauge.

This new all enamel low swung and extraordinarily wide train, offers a full size measure of excellence, design, size, finish and detail at a very low price. The No. 3100, 7½ inch locomotive duplicates refinements previously limited to only the higher priced trains. It has brilliant red enameled sides, red enameled top and is handsomely decorated with solid brass details. The new No. 3141 passenger car and 3142 observation car are both 6½ inches long and are finished in two-tone red automobile enamel. Full detail trim emphasizes the finish of these new designed wide and low swung cars. The observation car is fitted with a wide canopy and platform railing. Train is 20½ inches long. Eight curve track included.

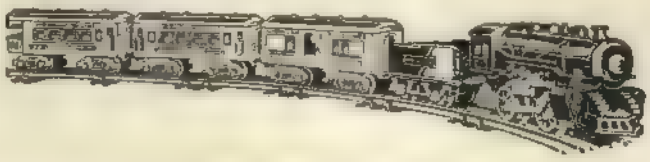
No. 1312. (50 Watt Transformer recommended) .....**Each $7 75**



The Clipper. Narrow Gauge.

This complete 31 inch long freight train outfit enjoyed a great reception during the New York Toy Fair. No. 3103, 8 inch locomotive is finished in Victory Red enamel. The new freight cars No. 3013 sand car, 3012 automobile car, 3014 caboose are 6½ inches long and are fitted with brass journal boxes, hand rails, ladders and brake wheels. Equipment consists of No. 206 danger signal, 261 tunnel, 93 suburban station and new 222 banjo signal. Eight curve and two straight tracks included.

No. 1316. (75 Watt Transformer recommended) .....**Each $11 00**



The Iron Horse. Narrow Gauge.

The price doesn't begin to index the quality of this 34 inch long train. Consists of No. 3192, 12 in. steam type locomotive with tender. Baggage car No. 3150, pullman car 3151 and observation car 3152 are all 6½ inches long equipped with double trucks and are finished in chrome yellow enamel. Eight curve and four straight tracks included.

No. 1319. (75 Watt Transformer recommended) .....**Each $12 50**

ELECTRIC TRAINS

AMERICAN FLYER

Old Dominion. Narrow Gauge.

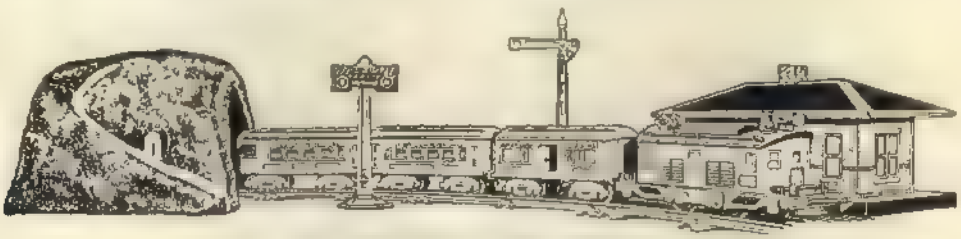
This 44 inch steam type train posesses an unusual number of distinctive features. Consists of No. 3192, 12 inch steam type locomotive and tender, new freight cars No 3046 log car 3016 sand car, 3015 automobile car and 3017 caboose. Cars are 6½ inches long and have double trucks. Solid brass journal boxes, hand rails, brake wheels and ladders bring out the details of these cars. Eight curve and four straight tracks are included.

No. 1321. (75 Watt Transformer recommended) .....Each **$13 50**

The Frontenac, Ltd. Narrow Gauge.

The trim appearance of this 31 inch train with its No. 3107, 9 inch reverse locomotive finished in two-tone blue enamel and its two-tone green enamel cars make it an outstanding value. No 3150 baggage car, 3161 pullman and 3162 observation cars are all 6½ inches long, and are very wide and low slung in construction. The pullman and observation cars are electrically lighted. Eight curve and four straight tracks included.

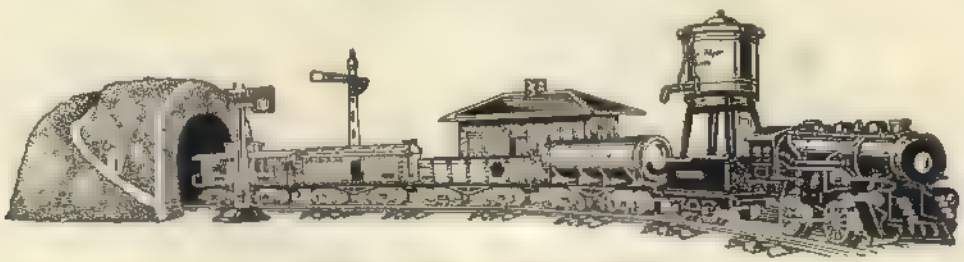
No. 1322. (75 Watt Transformer recommended) .....Each **$14 00**



New Bluebird. Narrow Gauge.

This complete outfit is outstanding in its popularity and with the new full enameled lower and wider cars and the addition of a new flashing signal, its popularity is certain to increase Length of train is 31 inches. Locomotive No 3107, 9 inches with reverse, is finished in two-tone blue enamel with gray chassis No. 3150 baggage car, 3161 pullman and 3162 observation are all 6½ inches long, and finished in two-tone blue enamel with gray trucks. Pullman and observation cars are electrically lighted No. 2011 semaphore, 96 station, 263 tunnel, 223 flashing signal, eight curve and six straight tracks are included.

No. 1328. (75 Watt Transformer recommended) .....Each **$18 00**



Major Leaguer. Narrow Gauge.

Complete outfit as shown consists of a 45 inch train with No 3193, 12 inch steam type locomotive with reverse and tender, 3018 tank car, 3016 sand car, 3015 automobile car and 3017 caboose. Cars are 6½ inches long, of double truck construction and have full brass trim. The following equipment is also included: No. 2020 water tank, 2011 semaphore, 96 station, 263 tunnel, 223 flashing signal, eight curve and six of straight pieces of track.

No. 1329. (75 Watt Transformer recommended) .....Each **$19 00**

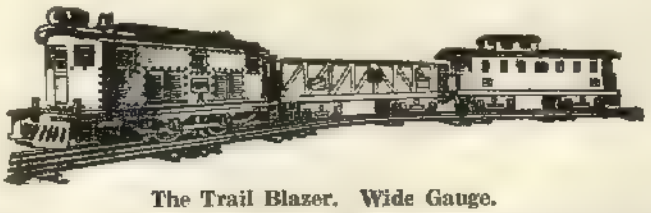
ELECTRIC TRAINS

AMERICAN FLYER

The Commodore. Narrow Gauge.

Especially has care been lavished upon the appearance of this 42 inch train, which presents a remarkable trim assembly Consists of the new No 3194, 14¾ inch massive steam type locomotive with reverse and eight wheel tender, two 3171 pullman cars and one 3172 observation car Cars are 8¼ inches long of double truck construction with lights and etched nameplates and are finished in rookie tan bodies with mitus green roofs. Eight curve and six straight tracks are included.

No. 1339. (75 Watt Transformer recommended) .....Each **$20 00**



The Trail Blazer. Wide Gauge.

This all steel freight train with its realistic cars, finished in sprayed-on enamel and decorated with solid brass trim is a very popular outfit with the young "wide gauge" electrical railroaders. It is also a very good outfit for those who desire a freight train in addition to a passenger train. Gross weight 17½ lbs. Locomotive Model 4644 of the New Haven type 12 inches long is equipped with a manual control reversing lever that extends out through the cab roof, which can be easily flipped while in motion, thus reversing the direction of travel. Brilliantly finished in two-tone Sunset Red and attractively decorated with solid brass trim, such as deeply etched nameplates, journal boxes, air tanks, flag fixtures, handrails, pantagraph, and bell plus a die-cast headlight fitted with a genuine Mazda lamp—it is an exceptionally classy locomotive Powered by the same size and quality motor as used in the "President's Special" the crack train of the American Flyer lines. Cars—the sand car and caboose are each 14 inches long and are the longest and heaviest freight cars made. Automatic couplers that are interchangeable with all our wide gauge cars, and are especially beautiful with deep embossings and solid brass trim Sand car 4017 is finished in Emerald green while the caboose 4011 is two-tone Victory Red. (The color of the caboose is subject to change). Track—eight curve and two straight track sections form an oval 3 feet 9 inches by 4 feet 11 inches—a total length of 13 feet 5 inches.

No. 1471. (75 Watt Transformer recommended) .....Each **$21 75**

The Eagle. Wide Gauge.

The longest 2-car passenger train of the finest quality with the most features at the lowest price. The entire train is finished in two-tone Emerald green. It is 4 feet long Gross weight 18½ lbs. Locomotive—Model 4644 is the New Haven type and is 12 inches long. Equipped with manual control reversing lever which can be easily shifted while the train is in motion, thus reversing the direction of travel. Flag Lolders and sparkling brass trim, such as etched nameplates, handrails, bell, pantagraph, pilots and die-cast headlight fitted with genuine Mazda lamp. Cars—pssenger car 4151 and the observation car 4152 are 14 inches long exclusive of automatic couplers. Decorated with brass air tanks, steps and journal boxes The deeply embossed one-piece roof is finishd in sprayed on enamel while the car sides are lithographped in green and other attractive colors. Under-carriage is in French gray enamel. The observation car, with the addition of brass platform railing and train sign has a canopy with red rear and green sidemarkers and a Mazda lamp located in the platform dome. The interior of each car is also illuminated with one Mazda lamp. Track—eight curve and two straight track sections form an oval 3 feet 9 inches by 4 feet 11 inches—a total length of 13 feet 5 inches.

No. 1472. (75 Watt Transformer recommended) .....Each **$23 00**

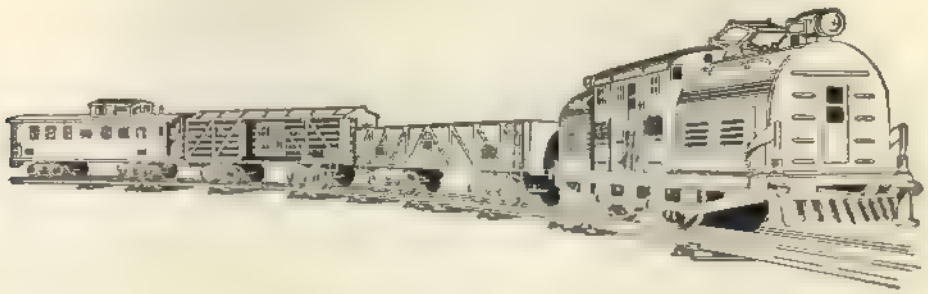
ELECTRIC TRAINS

AMERICAN FLYER

The Statesman. Wide Gauge.

Finished in a pleasing combination of two-tone orange enamel and lithograph; and with its true proportioned streamline effect "The Statesman" is well in keeping with its name. Its overall length is 61 inches and is brightly illuminated with six genuine Mazda lamps Gross weight 23 2 lbs Locomotive—Manual control, reverse locomotive Model 4654, of the New Haven type is 12½ inches long and finished in sprayed-on enamel. It carries a well balanced set of solid brass trim such as four deeply etched nameplates, flag fixtures with white markers, over sized doors, pantagraph, bell, whistle, pilot, air tank, hand rails and journal boxes plus two diecast non-reversing headlights. The deeply embossed cab sides give it a very powerful and commanding appearance. Cars—two pullman cars 4151 and observation car 4152 are 14 inches long each, exclusive of their automatic couplers. Heavily embossed one-piece steel roofs are finished in spray on enamel while the car sides are lithographed. Solid brass journal boxes air tanks and steps are featured on each car while the observation car boasts of an unusually attractive brass platform railing plus canopy with red gear and green side markers. Track eight curved and four straight track sections form an oval 3 feet 9 inches by 6 feet 1 in—a total length of 16 feet.

No. 1473. (100 Watt Transformer recommended) .....Each **$31 00**



The Pathfinder. Wide Gauge.

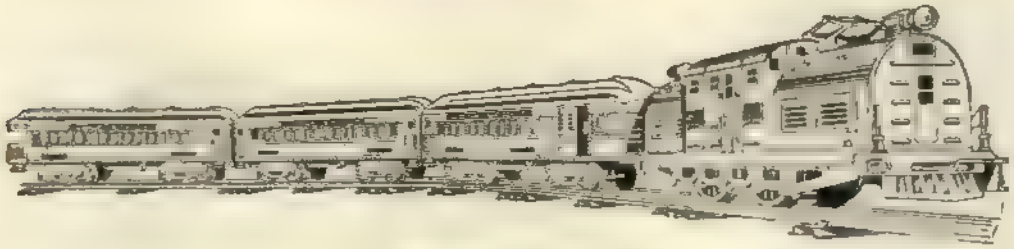
With Remote Control Reverse Locomotive No. 4685

This new powerful train is just like the ones that haul the nation's freight traffic. Each car is finished in different combinations of long lasting automobile enamels which gives the made-up train a beautiful coloring. Length of train is 5 feet 3 inches; gross weight 22½ lbs Locomotive—St. Paul type remote control reverse 13½ inches long,4685 is strongly constructed of heavy pressed steel and die-castings. Its motor is very powerful and will pull the cars at a fast clip Finished in a bright red enamel with solid brass doors, handrails, pantagraph, ladders and six etched nameplates, this locomotive is a real beauty Cars—all cars are constructed of heavy gauge steel and are deeply embossed, bringing out the structural bars and rib. Sand car 4017, stock car 4020 with sliding doors and 4021 caboose, with interior light are all 14 inches long and of different enameled colors with solid brass ladders, journal boxes, railings, brake wheels and etched nameplates. All cars are equipped with the famous high speed three-point suspension American Flyer trucks which allows them to travel at a high rate of speed without danger of derailment. Track—eight curve and four straight track sections form an oval 3 feet 9 inches by 6 feet 1 inch—a total length of 16 feet.

No. 1493. (100 Watt Transformer recommended) ....Each **$38 90**

ELECTRIC TRAINS

AMERICAN FLYER



The Lone Scout. Wide Gauge.

With Remote Control Reverse Locomotive No. 4685.

This new train is modeled after the famous Chicago, Milwaukee and St Paul crack trains. It is an innovation in miniature railroading that embodies the very best features of the finest trains. Many true-to-life features are brought out in detailed colored lithography that are not possible with cars finished entirely in enamel. Do not underestimate the realistic appearance or the fine quality of this train because of its low price. It is equipped with many brass details. Length of train is 5 feet 1 in., gross weight 24 lbs. Locomotive—the big powerful remote reverse locomotive 4685 is of the St Paul type and is 13½ inches long. Its many solid brass details show up prominently in contrast with the locomotive's bright red enamel finish. Cars—club car 4250 with two sliding doors, pullman car 4251 and observation car 4252 are all 14 inches long and are electrically lighted with Mazda lamps. The observation car has an additional dome light. The roofs are enameled in the color harmony with the locomotive while the sides are of detailed lithography. The solid brass doors, steps, air tanks, journal boxes, etched nameplates and the observation car railing, supply the necessary trim to these realistic cars. Track- eight curved and four straight track sections form an oval 3 feet 9 in. by 6 feet 1 inch—a total length of 16 feet.

No. 1494. (100 Watt Transformer recommended) .....Each **$40 00**

The Pioneer. Steam Type. Wide Gauge.

The impressive refinements and pleasing proportions have won outstanding approval for this 6 foot long, low cost steam type freight. It consists of scale model No. 4664-25 inch steam type locomotive with manual reverse and new eight-wheel Vanderbilt type tender and the longest wide gauge freight cars made. The heavy diecasting and the solid copper, brass and nickel trim gives this locomotive its massive appearance. No. 4017 sand car, 4018 automobile car and 4021 electric lighted caboose are all 14 inches long and are finished in bright automobile enamels. Eight curve and four straight tracks are included.

No. 1460. (100 Watt Transformer recommended) .....Each **$43 00**

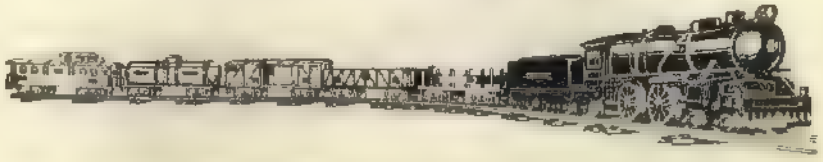
New Lone Scout. Steam Type. Wide Gauge.

The locomotive of this train is equipped with a ringing bell which is an exclusive patented American Flyer feature. Heretofore the ringing bell has been supplied only on trains priced at $41.75 and up. With the exception of the locomotive the composition of this train is the same as No. 1494 Lone Scout.

No. 1470. (100 Watt Transformer recommended) .....Each **$37 50**

ELECTRIC TRAINS

AMERICAN FLYER



Old Ironsides. Steam Type. Wide Gauge.

With Remote Control Locomotive No. 4694

Complete in every detail of actual railroad equipment construction and design, this new all-steel five-car steam type freight is the most true-to-life miniature freight train ever produced. It is 8 feet 8 inches long; gross weight 34¼ lbs. Locomotive and tender—Model 4694 equipped with triple action remote control reversing power plant. Length of locomotive is 14½ inches and the tender is 10 inches long. Heavy die castings and solid brass trim gives it a massive, rugged appearance. Cars—machinery car 4022, sand car 4017, auto car 4018, tank car 4010 and lighted caboose 4021 are all 14 inches long and are of different colors. Track—eight curve and eight straight track sections from an oval 4 feet 11 inches by 7 feet 3 inches—a total length of 20 feet 5 inches. Reverse controlling switch Model 4100 included.

No. 1495. (100 Watt Transformer recommended) .....Each **$55 00**

The President's Special

A DeLuxe Train modeled after the 20th Century. Triple Action Remote Control Reverse Motor 4689. Automatic ringing bell, automatic mail bag set. Locomotive—Model 4689, modeled after the latest New York Central 12 wheeler, is 18½ inches long—the longest made. Automatic ringing bell and power cutout. It also features twin reversible headlights and the famous American Flyer triple action remote control reverse motor. The entire locomotive fairly glistens with its brilliant solid brass trim—a big American Eagle on the front platform, large guard rails on front and rear trucks, ladders, handrails, journal boxes, air tanks, double pantagraphs, headlights and bell, individual brass windows, doors and louvers and six etched nameplates. Deeply embossed cab and roof finished in a two-tone Rolls Royce Blue; under-carriage French gray with red enameled wheel spokes and pilot. Heavy cast iron pony trucks elaborately decorated in keeping with the rest of the unit.

Car equipment—the most magnificent and realistic models ever imagined, four 19-inch long cars with strongly constructed car bodies display heavy embossings throughout, finished in a bright Rolls Royce Blue, sprayed on enamel, heavy one-piece deeply embossed steel roofs finished in a darker shade of the same color. Six wheel high speed trucks, enable these cars to travel at high speed over switches, cross-overs and sharp curves without danger of derailment. Truck frames heavily embossed and finished in polished nickel plate. Eight brass nameplates, with the name of the train, "President's Special," car name, type of car and the American Flyer lines, give a very realistic appearance to each car. Individual brass window frames with individual transparencies, swinging doors that close automatically, handrails, steps, journal boxes, air tanks and battery boxes, all of highly polished solid brass, add a warm richness to these already magnicent models. Each car has a lighting switch located in the battery box with which one can turn the brilliant illumination "on" or "off" as desired.

Cars—club car 4390, "West Point" with its large mail compartment and three interior Mazda lamps, has a sliding door with brass bars and a knob. The diner 4393, "Annapolis" with three interior lamps, is typical of the finest dining cars of today. The pullman 4391 "Academy" is illuminated with three Mazda lamps and greatly assists in carrying out the long, streamline effect of this magnificent train. Observation car 4392, "Army-Navy" with two interior Mazda lamps has an especially attractive observation platform. The hand railing is of ornamental polished brass with a lighted train sign featuring the name "President's Special." An additional lamp is placed in the dome, which lights the platform and the red rear and green side markers in the platform canopy. Track and equipment—eight curve and twelve straight track sections form an ovel 4 feet 11 inches by 9 feet 7 inches -a total length of 24 feet. Automatic mail bag set model 4122 and reverse controlling switch Model 4100 included.

Train Set No. 1489. Ship. wt. 40 lbs. (100 Watt Transformer recommended or 150 watt for greater power)..Each **$82 00**

ELECTRIC TRAINS

AMERICAN FLYER

The Warrior. Steam Type. Wide Gauge.

With Remote Control Locomotive No. 4694.

This new four-car passenger train is beautifully enameled tan with green roofs; has brass trim throughout. It is unusually well designed and is lighted with nine Mazda lamps. It is 7 feet 2 inches long; gross weight 34⅛ lbs. Locomotive and tender—triple action remote control steam type locomotive and tender 4694 is 26 inches long over all. Locomotive is of ten wheel construction and has all features of real engines. Cars—club car 4340, pullman car 4341, dining car 4343 and observation car 4342 are 14 inches long, beautifully finished in enamel and decorated with solid brass trim. Track and equipment—eight curve and eight straight track sections form an oval 4 feet 11 inches by 7 feet 3 inches—a total length of 20 feet 5 inches. Automatic mail bag set Model 4122 and reverse controlling switch Model 4100 are included.

No. 1497. (100 Watt Transformer recommended) .....Each **$59 75**

ELECTRIC TRAIN ACCESSORIES

TRANSFORMERS

Dial Type. Alternating Current.

The American Flyer dial type transformer has eight distinct features as follows: Speed control—by "fractional voltage steps," eliminates necessity of a rheostat; concealed switch—appearance improved, also due to new construction, positive electrical contact is assured; dial operation—this is an exclusive American Flyer feature; distinctive shield—attractively designed and has direct reading chart showing at all times the actual voltage being supplied by the transformer; approved type—meets all requirements and are approvd by National Board of Underwriters; capacity—built up to full capacity. While especially made to operate American Flyer trains, they are equally as good in the operation of other toys; complete line—from the smallest to the largest. 110 volt, 60 cycle.

Nos.	1289	1290	1295	1296
Watts	50	75	100	150
Each	$3 85	4 75	6 90	8 50

TRACK EQUIPMENT

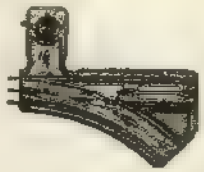
Straight Sections.

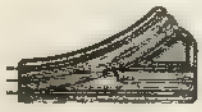
No. 401. Narrow gauge, 10-inch section .....Each **$0 20**
No. 4401. Wide gauge, 14-inch section .....Each **$0 33**

Curved Sections.

No. 400. Narrow gauge, 10-inch section.....Each **$0 20**
No. 4400. Wide gauge, 14-inch sections .....Each **$0 33**

SWITCHES





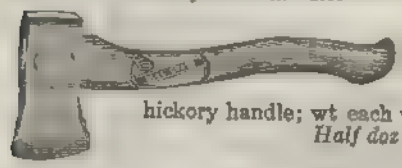
Manually Operated Without Lights.

No. 463. Narrow gauge, right track switch. ..Each **$1 90**
No. 464. Narrow gauge, left track switch.....Each **1 90**
No. 4463. Wide gauge, right track switch.....Each **2 75**
No. 4464. Wide gauge, left track switch. .....Each **2 75**

SPORTSMEN'S AXES

—BLUE GRASS—

Best quality solid crucible tool steel; hardened poll; tempered bit; 14 inch scout pattern handle.



Per Doz

No. BG2110—Full polished and etched; white hickory handle; wt each with handle 22 ozs **$33 75**

Half doz in box.

BROAD AXES

Special steel body; hardened poll; extra quality crucible steel bit; hand tempered and tested.

—BLUE GRASS—

Kentucky Pattern.

Gun metal finish, labeled.

Nos.	BG66	BG66½	BG67	BG67½	BG68
Wt each, lbs.	6	6½	7	7½	8
Approx cut, ins	10½	11	11½	12	12¼
Per Doz.	$135 00	144 00	144 00	150 00	150 00

Half doz in wood box.

—BLUE GRASS—

Kentucky Pattern.

Red and gold body, labeled, full polished head and bit.

Nos.	BG35½	BG36	BG36½	BG37	BG37½
Wt each, lbs.	5½	6	6½	7	7½
Approx cut, ins.	10	10½	11	11½	11¾
Per Doz.	$135 00	135 00	144 00	144 00	150 00

Half doz in wood box.

—BLUE GRASS—

Canada Pattern.

Red and gold body, labeled, full polished head and bit.

Nos.	BG26	BG26½	BG27	BG27½
Wt each, lbs.	6	6½	7	7½
Approx cut, ins.	10¾	11	11½	12
Per Doz.	$135 00	144 00	144 00	150 00

Half doz in wood box.

—BLUE GRASS—

Pennsylvania Pattern.

Red and gold body, labeled, full polished head and bit.

Nos.	BG16	BG16½	BG17	BG17½	BG18
Wt each, lbs.	6	6½	7	7½	8
Approx cut, ins.	11	11¾	12	12¼	12
Per Doz.	$135 00	144 00	144 00	150 00	150 00

Half doz in wood box.

COLLINS

Pennsylvania Pattern.

Steel body; hardened poll; extra quality crucible steel bit, tempered; gun metal. Finished body, labeled, polished bit and head.

Nos.	7P	7½P	8P
Wt each, lbs.	7	7½	8
Approx cut, ins	11½	12	12½
Per Doz.	$153 00	162 00	162 00

One doz in wood box.

ADZES

—BLUE GRASS—

Carpenters'. Special steel body, extra quality crucible steel bit and laid head, hand tempered and tested. Red and gold body, labeled, full polished head and bit.

Nos.	BG3	BG3½	BG4	BG4½
Size cut, ins	3	3½	4	4½
Length over all ins	9½	9½	9½	9½
Wt per doz, lbs.	45	47	50	52
Per Doz.	$54 00	54 00	54 00	54 00

One doz in wood box.

—BLUE GRASS—

Ship. Special steel body, extra quality crucible steel bit, hand tempered and tested.

Red and gold body, labeled, full polished bit.

Nos.	BG53½	BG54	BG54½
Size cut, ins.	3½	4	4½
Length over all, ins.	11½	11¼	11¼
Wt per doz, lbs.	39	41	43
Per Doz.	$69 00	69 00	69 00

One doz in wood box.

—PINE KNOT—

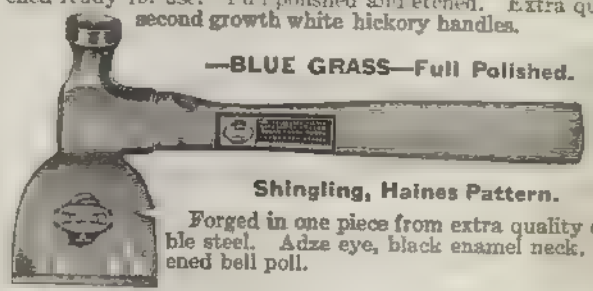
Railroad. Forged from one piece high quality crucible steel, hardened head, hand tempered and tested. Ebony finish, labeled.

No.	PKBE5
Size cut, ins.	5
Length over all, ins.	9¼
Wt per doz, lbs.	53
Per Doz.	$42 00

One doz in wood box.

HATCHETS

Forged in one piece from extra quality crucible steel, sharpened ready for use. Full polished and etched. Extra quality, second growth white hickory handles.



—BLUE GRASS—Full Polished.

Shingling, Haines Pattern.

Forged in one piece from extra quality crucible steel. Adze eye, black enamel neck, hardened bell poll.

Nos.	BG1201	BG1202
Size	1	2
Width cut, ins	3¼	3½
Length over all, ins.	13	13½
Wt per doz, lbs.	20	22
Per Doz.	$54 75	57 00

Half doz in cardboard box.

—BLUE GRASS—Full Polished.

Half, Haines Pattern.

Forged in one piece from extra quality crucible steel. Adze eye, black enamel neck and hardened bell poll.

Nos.	BG1301	BG1302
Size	1	2
Width cut, ins.	3	3¼
Length over all, ins.	12½	12½
Wt per doz, lbs.	19	21
Per Doz.	$54 75	57 00

Half doz in cardboard box.

HATCHETS

—BLUE GRASS—Full Polished.

Half, Octagon Neck and Poll.

Forged in one solid piece from extra quality crucible steel, octagan neck and poll. Special octagon second growth white hickory handle.

Nos.	BG47-1	BG47-2
Size	1	2
Width cut, ins	3	3¼
Length over all, ins	12½	12½
Wt per doz, lbs	19	21
Per Doz	$52 50	54 00

One in cardboard box

—BLUE GRASS—Full Polished.

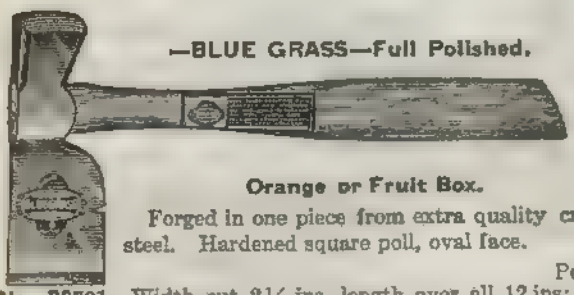
Tobacco.

Special steel body, extra quality inserted crucible steel bit, hardened poll.

Per Doz

No. BG304—Size 3, width cut 4 in. length over all 13¾ ins; wt per doz 31 lbs $54 00

Half doz in cardboard box.



—BLUE GRASS—Full Polished.

Orange or Fruit Box.

Forged in one piece from extra quality crucible steel. Hardened square poll, oval face.

Per Doz

No. BG701—Width cut 2⅛ ins, length over all 12 ins; head 1¼ ins. square. Wt without handle 16 ozs; wt per doz 18 lbs $67 50

No. BG702—Width cut 2⅛ ins; length over all 12½ ins; head 1⅜ ins. square. Wt without handle 18 ozs; wt per doz 20 lbs 70 50

Half doz in cardboard box.

—BLUE GRASS—Full Polished.

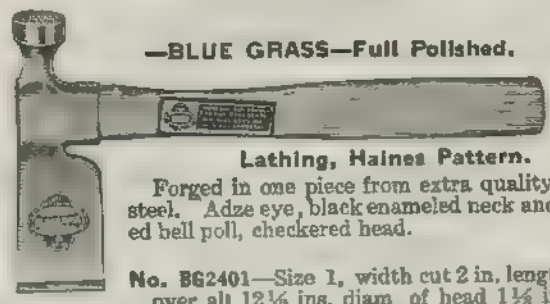
Lathing, Chicago Underhill Pattern.

Forged in one piece from extra quality crucible steel, hardened square poll, checkered head, 9 rows scoring 81 points. Per Doz

No. BG81—Size 1, width cut 2¼ ins, length over all, 13¼ ins; wt without handle 16 ozs, wt per doz 18 lbs ... $66 00

Half doz in cardboard box.

HATCHETS



—BLUE GRASS—Full Polished.

Lathing, Haines Pattern.

Forged in one piece from extra quality crucible steel. Adze eye, black enameled neck and hardened bell poll, checkered head.

Per Doz

No. BG2401—Size 1, width cut 2 in. length over all 12½ ins, diam of head 1⅛ ins, wt without handle 13 ozs; wt per doz 15¾ lbs $56 50

Half doz in cardboard box.

Forged in one piece from extra quality crucible steel. Gold bronzed body, highly polished bit poll, extra quality, second growth hickory handles.

—BLUE GRASS—Gold Bronzed, Polished.

Shingling, Regular Pattern.

Nos.	BG421	BG422
Size	1	2
Width cut, ins	3½	3⅞
Lgth over all, ins	13	14
Wt doz, lbs	20	25
Per Doz	$37 50	39 00

Half doz in cardboard box.

—BLUE GRASS—Gold Bronzed, Half Polished.

Half, Regular Pattern.

Nos.	BG441	BG442
Size	1	2
Width cut, in	3¼	3¾
Length over all, ins	12½	13½
Wt doz, lbs	22	25
Per Doz	$37 50	39 00

Half doz in cardboard box.

—BLUE GRASS—Gold Bronzed.

Half, Car Builders' Pattern, Octagon Neck and Bell Poll.

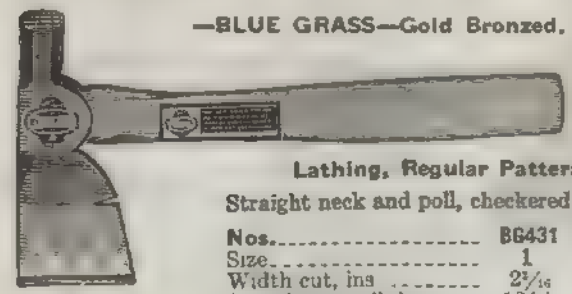
Nos.	BG481	BG482
Size	1	2
Width cut, ins	3¼	3½
Length over all, ins	12½	13¾
Wt doz, lbs	22	27
Per Doz	$43 50	46 50

Half doz in cardboard box.

HATCHETS

—BLUE GRASS—

Forged in one piece from extra quality crucible steel, sharpened ready for use. Gold bronzed body, highly polished bit and poll, extra quality, second growth, white hickory handles.



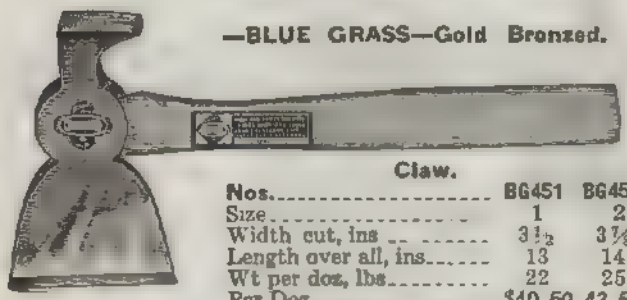
—BLUE GRASS—Gold Bronzed.

Lathing, Regular Pattern.

Straight neck and poll, checkered head.

Nos.	BG431	BG432
Size	1	2
Width cut, ins	2 1/16	2 3/8
Length over all, ins	12 1/2	13 1/2
Wt per doz, lbs	18	20
Per Doz	$37 50	39 00

Half doz in cardboard box.

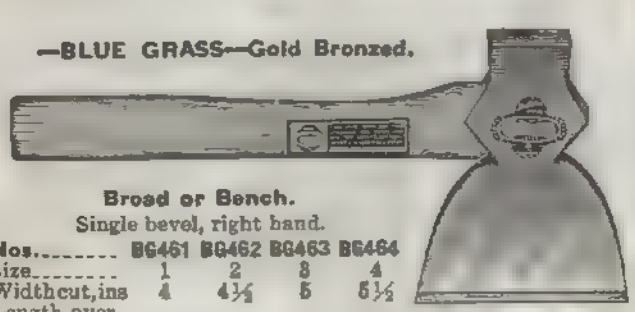


—BLUE GRASS—Gold Bronzed.

Claw.

Nos.	BG451	BG452
Size	1	2
Width cut, ins	3 1/2	3 7/8
Length over all, ins	13	14
Wt per doz, lbs	22	25
Per Doz	$40 50	43 50

Half doz in cardboard box.



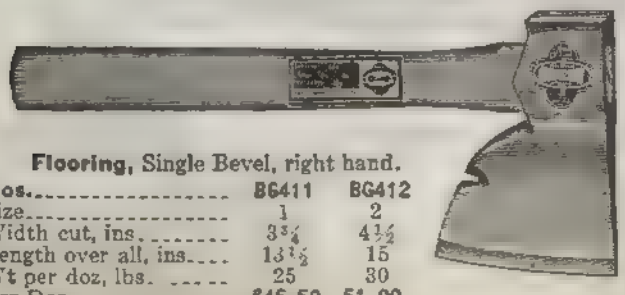
—BLUE GRASS—Gold Bronzed.

Broad or Bench.

Single bevel, right hand.

Nos.	BG461	BG462	BG463	BG464
Size	1	2	3	4
Width cut, ins	4	4 1/2	5	5 1/2
Length over all, ins	14 1/2	15 1/2	16	16 1/2
Wt doz, lbs	22	28	33	38
Per Doz	$46 50	51 00	54 75	58 50

Half doz in cardboard box.



—BLUE GRASS—Gold Bronzed.

Flooring, Single Bevel, right hand.

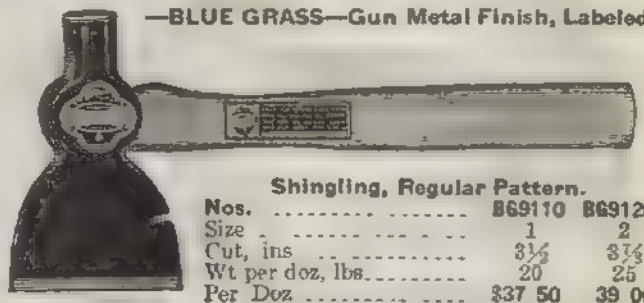
Nos.	BG411	BG412
Size	1	2
Width cut, ins	3 3/4	4 1/2
Length over all, ins	13 1/2	15
Wt per doz, lbs	25	30
Per Doz	$46 50	51 00

Half doz in cardboard box.

HATCHETS

—BLUE GRASS—

Forged in one piece from extra quality crucible steel, sharpened ready for use. Extra quality second growth hickory handles.

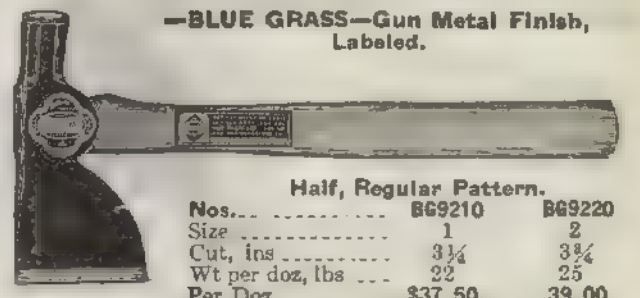


—BLUE GRASS—Gun Metal Finish, Labeled.

Shingling, Regular Pattern.

Nos.	BG9110	BG9120
Size	1	2
Cut, ins	3 1/2	3 7/8
Wt per doz, lbs	20	25
Per Doz	$37 50	39 00

Half doz in cardboard box.

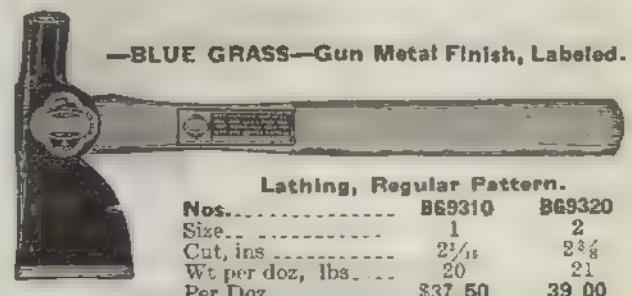


—BLUE GRASS—Gun Metal Finish, Labeled.

Half, Regular Pattern.

Nos.	BG9210	BG9220
Size	1	2
Cut, ins	3 1/4	3 3/4
Wt per doz, lbs	22	25
Per Doz	$37 50	39 00

Half doz in cardboard box.



—BLUE GRASS—Gun Metal Finish, Labeled.

Lathing, Regular Pattern.

Nos.	BG9310	BG9320
Size	1	2
Cut, ins	2 1/16	2 3/8
Wt per doz, lbs	20	21
Per Doz	$37 50	39 00

Half doz in cardboard box.

—BLUE GRASS—
Gun Metal Finish, Labeled.

Rig Builders.

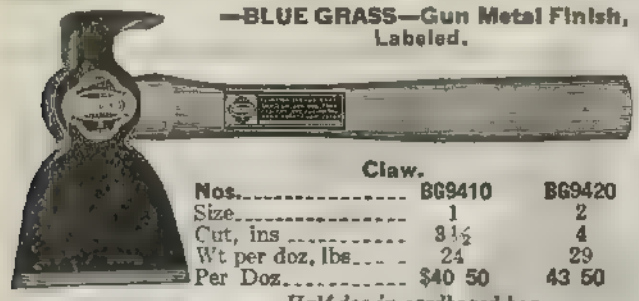
Octagon neck and bell poll, checkered head; 18 inch knob handle.

Nos.	BG9820	BG9830
Size	2	3
Cut, ins	3 1/2	3 7/8
Wt per doz, lbs	30	35
Per Doz	$54 00	60 00

Half doz in cardboard box.

HATCHETS
—BLUE GRASS—

Forged from one piece extra quality crucible steel, sharpened ready for use. Extra quality second growth hickory handles.

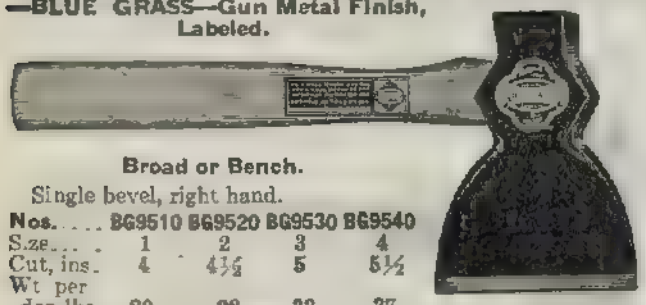


—BLUE GRASS—Gun Metal Finish, Labeled.

Claw.

Nos.	BG9410	BG9420
Size	1	2
Cut, ins	3½	4
Wt per doz, lbs	24	29
Per Doz	$40 50	43 50

Half doz in cardboard box.



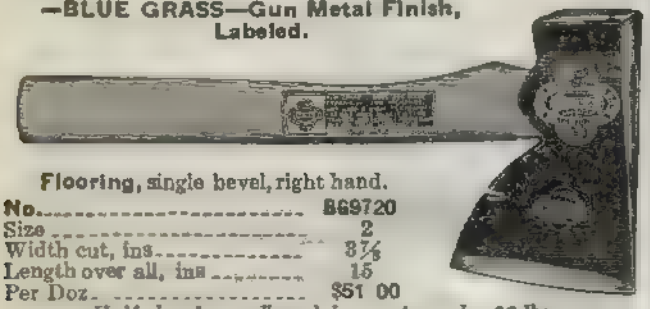
—BLUE GRASS—Gun Metal Finish, Labeled.

Broad or Bench.

Single bevel, right hand.

Nos.	BG9510	BG9520	BG9530	BG9540
Size	1	2	3	4
Cut, ins	4	4½	5	5½
Wt per doz, lbs	20	28	33	37
Per Doz	$46 60	49 50	54 75	58 50

Half doz in cardboard box.



—BLUE GRASS—Gun Metal Finish, Labeled.

Flooring, single bevel, right hand.

No.	BG9720
Size	2
Width cut, ins	3⅞
Length over all, ins	15
Per Doz	$51 00

Half doz in cardboard box; wt per doz 32 lbs.

Forged in one piece from extra quality crucible steel, sharpened ready for use. Extra quality second growth hickory handles.

—BLUE GRASS—Rustless Black Finish, Deep Etched, Red Filled.

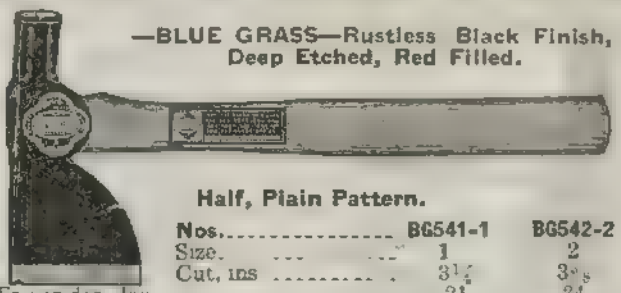
Shingling, Plain Pattern.

Nos.	BG521-1	BG522-2
Size	1	2
Cut, ins	3½	3⅞
Wt per doz, lbs	22	25
Per Doz	$39 75	41 25

Half doz in cardboard box.

HATCHETS
—BLUE GRASS—

Forged in one piece from crucible steel, sharpened ready for use. Extra quality second growth hickory handles.

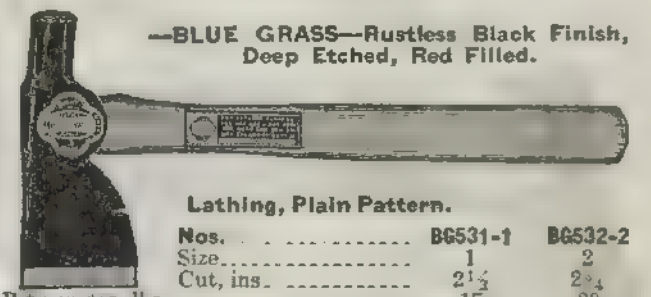


—BLUE GRASS—Rustless Black Finish, Deep Etched, Red Filled.

Half, Plain Pattern.

Nos.	BG541-1	BG542-2
Size	1	2
Cut, ins	3¼	3⅝
Wt per doz, lbs	21	24
Per Doz	$40 05	41 25

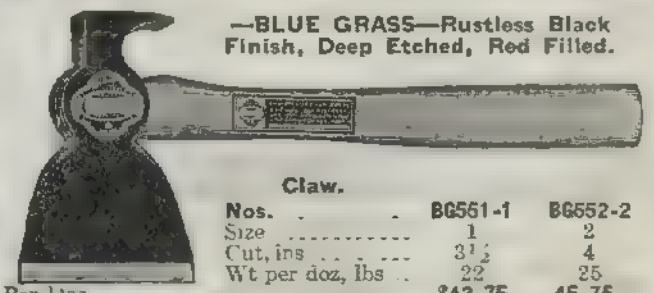
Half doz in cardboard box.



—BLUE GRASS—Rustless Black Finish, Deep Etched, Red Filled.

Lathing, Plain Pattern.

Nos.	BG531-1	BG532-2
Size	1	2
Cut, ins	2½	2¾
Wt per doz, lbs	17	20
Per Doz	$39 75	41 25



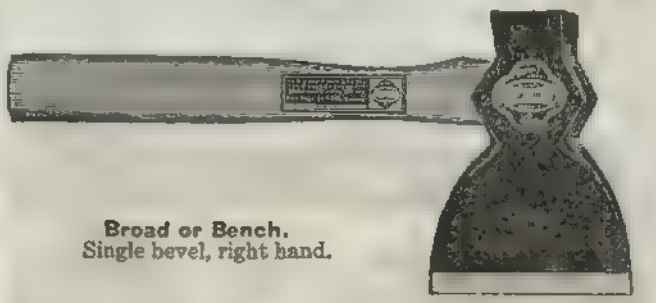
—BLUE GRASS—Rustless Black Finish, Deep Etched, Red Filled.

Claw.

Nos.	BG551-1	BG552-2
Size	1	2
Cut, ins	3½	4
Wt per doz, lbs	22	25
Per Doz	$42 75	45 75

Half doz in cardboard box.

—BLUE GRASS—Rustless Black Finish, Deep Etched Red Filled.



Broad or Bench.
Single bevel, right hand.

Nos.	BG561-1	BG562-2	BG563-3
Size	1	2	3
Cut, ins	4	4½	5
Wt per doz, lbs	25	35	36
Per Doz	$48 75	53 25	57 00

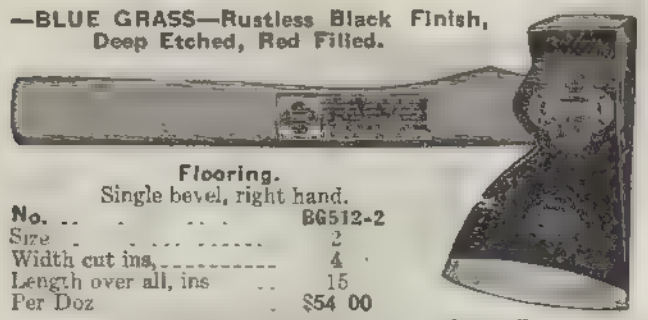
Half doz in cardboard box.

HATCHETS

—BLUE GRASS—

Forged in one piece from extra quality crucible steel, sharpened ready for use. Extra quality second growth hickory handles.

—BLUE GRASS—Rustless Black Finish, Deep Etched, Red Filled.

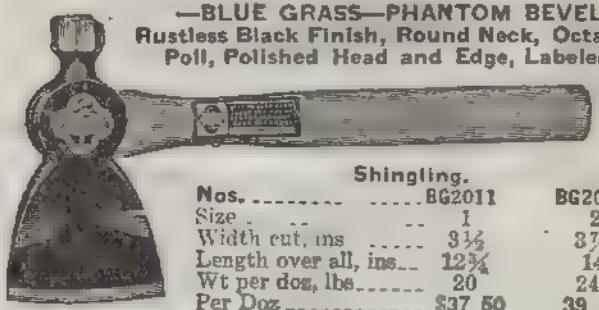


Flooring.
Single bevel, right hand.

No.	BG512-2
Size	2
Width cut ins	4
Length over all, ins	15
Per Doz	$54 00

Half doz in cardboard box; wt per doz 32 lbs.

—BLUE GRASS—PHANTOM BEVEL
Rustless Black Finish, Round Neck, Octagon Poll, Polished Head and Edge, Labeled.

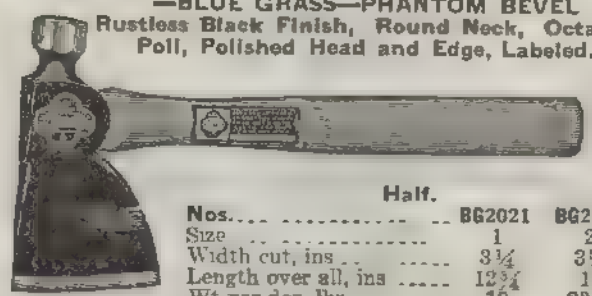


Shingling.

Nos.	BG2011	BG2012
Size	1	2
Width cut, ins	3½	3⅞
Length over all, ins	12¾	14
Wt per doz, lbs	20	24
Per Doz	$37 50	39 00

Half doz in cardboard box.

—BLUE GRASS—PHANTOM BEVEL
Rustless Black Finish, Round Neck, Octagon Poll, Polished Head and Edge, Labeled.

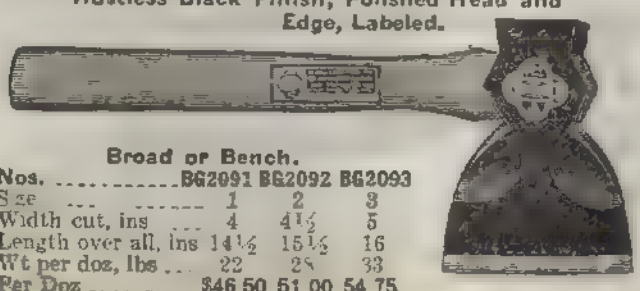


Half.

Nos.	BG2021	BG2022
Size	1	2
Width cut, ins	3¼	3⅝
Length over all, ins	12¾	13
Wt per doz, lbs	19	23½
Per Doz	$37 50	39 00

Half doz in cardboard box.

—BLUE GRASS—PHANTOM BEVEL
Rustless Black Finish, Polished Head and Edge, Labeled.



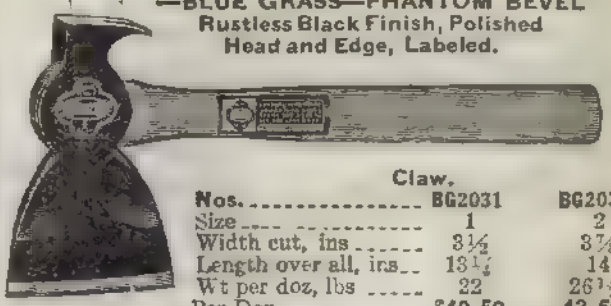
Broad or Bench.

Nos.	BG2091	BG2092	BG2093
Size	1	2	3
Width cut, ins	4	4½	5
Length over all, ins	14½	15½	16
Wt per doz, lbs	22	28	33
Per Doz	$46 50	51 00	54 75

Half doz in cardboard box.

HATCHETS

—BLUE GRASS—PHANTOM BEVEL
Rustless Black Finish, Polished Head and Edge, Labeled.



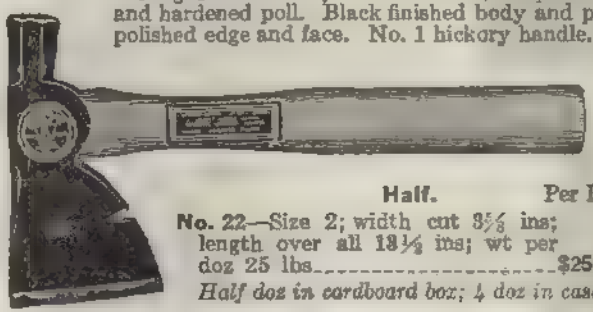
Claw.

Nos.	BG2031	BG2032
Size	1	2
Width cut, ins	3½	3⅞
Length over all, ins	13½	14
Wt per doz, lbs	22	26½
Per Doz	$40 50	43 50

Half doz in cardboard box.

—KEYSTONE—

Forged from one piece tool steel; tempered bit and hardened poll. Black finished body and poll; polished edge and face. No. 1 hickory handle.

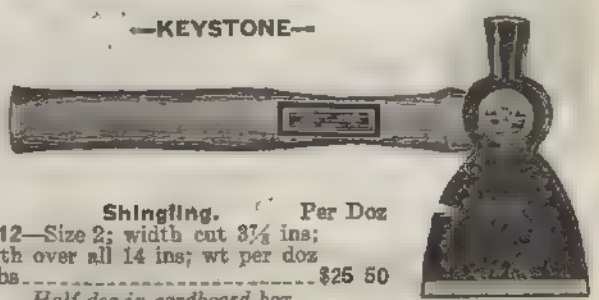


Half. Per Doz

No. 22—Size 2; width cut 3⅝ ins; length over all 13½ ins; wt per doz 25 lbs $25 50

Half doz in cardboard box; ¼ doz in case.

—KEYSTONE—

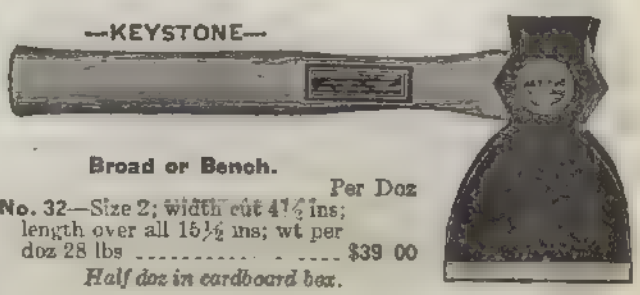


Shingling. Per Doz

No. 12—Size 2; width cut 3¼ ins; length over all 14 ins; wt per doz 24 lbs $25 50

Half doz in cardboard box.

—KEYSTONE—



Broad or Bench.

Per Doz

No. 32—Size 2; width cut 4½ ins; length over all 15½ ins; wt per doz 28 lbs $39 00

Half doz in cardboard box.

—KEYSTONE—

Packer's.

Per Doz

No. 41—Size 1; width cut 2¼ ins; length over all 10½ ins; wt per doz 15½ lbs $28 50

Half doz in cardboard box.

HATCHETS

—CYCLONE—Gold Bronzed.

Barrel.

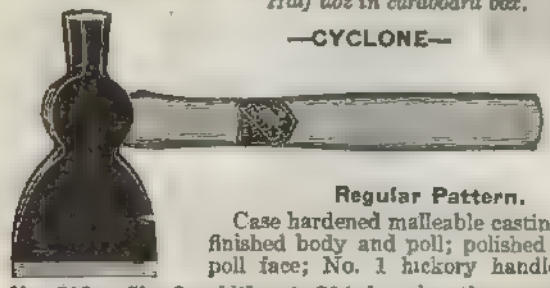
Case hardened malleable casting; square neck and poll, checkered head special nail slot.

Per Doz

No. 6105—Width cut 2 ins; length over all 10¾ ins; wt per doz 9 lbs.....$17 25

Half doz in cardboard box.

—CYCLONE—



Regular Pattern.

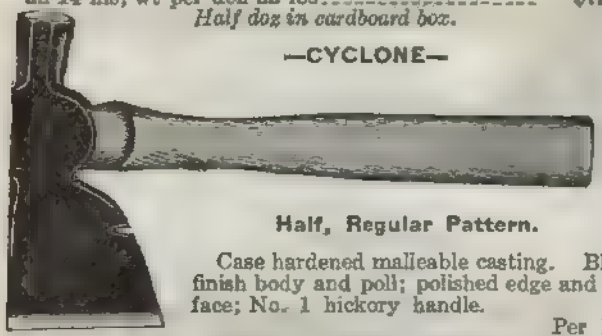
Case hardened malleable casting. Black finished body and poll; polished edge and poll face; No. 1 hickory handle.

Per Doz

No. 5120—Size 2; width cut 3¾ ins; length over all 14 ins; wt per doz 22 lbs.....$12 75

Half doz in cardboard box.

—CYCLONE—



Half, Regular Pattern.

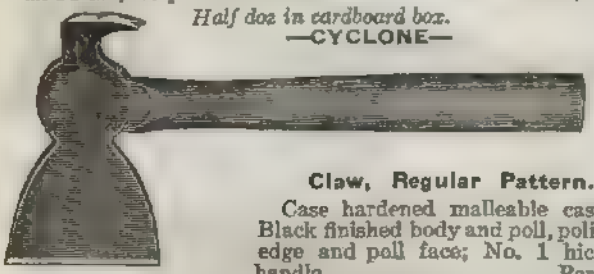
Case hardened malleable casting. Black finish body and poll; polished edge and poll face; No. 1 hickory handle.

Per Doz

No. 5220—Size 2; width cut 3½ ins; length over all 14 ins; wt per doz 22 lbs.....$12 75

Half doz in cardboard box.

—CYCLONE—



Claw, Regular Pattern.

Case hardened malleable casting. Black finished body and poll, polished edge and poll face; No. 1 hickory handle.

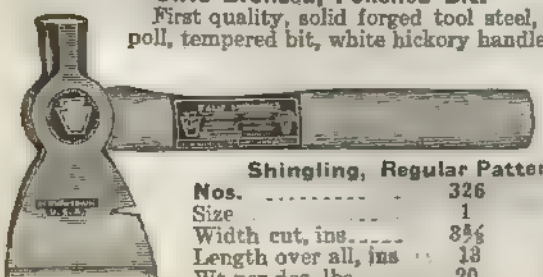
Per Doz

No. 5420—Size 2; width cut 3¾ ins; length over all 14 ins; wt per doz 23 lbs.....$12 75

Half doz in cardboard box.

GRIFFITH (GERMANTOWN), Olive Bronzed, Polished Bit.

First quality, solid forged tool steel, hardened poll, tempered bit, white hickory handles.



Shingling, Regular Pattern.

Nos.	326	328
Size	1	2
Width cut, ins	3⅝	3¾
Length over all, ins	13	14
Wt per doz, lbs	20	26
Per Doz	$37 50	40 50

Half doz in cardboard box.

HATCHETS

First quality, solid forged tool steel, hardened poll, tempered bit, white hickory handles.

GRIFFITH (GERMANTOWN)

Half, Regular Pattern.

Nos.	336	338
Size	1	2
Width cut, ins	3¼	3½
Length over all, ins	13	14
Wt per doz lbs	22	24
Per Doz	$37 50	40 50

Half doz in cardboard bo

GRIFFITH (GERMANTOWN)

Half, Car Builders' Pattern, Octagon neck and bell poll.

		Fire Bronzed.	
Nos.	317½	318	318½
Size	1	2	3
Width cut, ins	3¼	3½	3¾
Length over all, ins	13	14	13½
Wt per doz, lbs	22	24	30¼
Per Doz	$45 00	48 00	54 00

Half doz in cardboard box.

GRIFFITH (GERMANTOWN)

Half, Haines Pattern.

Adze eye, round neck, bell poll, thin bit

No.	316
Size	2
Width cut, ins	3½
Length over all, ins	12¼
Wt per doz, lbs	20
Per Doz	$60 00

Half doz in cardboard box.

GRIFFITH (GERMANTOWN)

Polished. Lathing, Haines Pattern.

Adze eye, round neck, bell poll, polished, black finish on neck and under eye

Per Doz

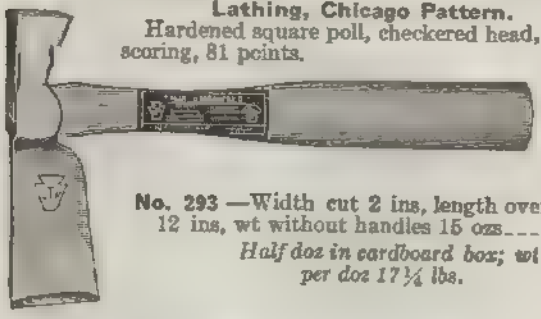
No. 312—Width cut 2⅛ ins, length over all 12¾ ins, diam head 1¼ ins, wt without handle, 17 ozs.....$57 00

Half doz in cardboard box; wt per doz 18¾ lbs.

HATCHETS

First quality, solid forged tool steel, hardened poll, tempered bit, sharpened ready for use, white hickory handles, polished.

GRIFFITH (GERMANTOWN), Full Polished. Lathing, Chicago Pattern.



Hardened square poll, checkered head, 9 rows scoring, 81 points.

Per Doz

No. 293—Width cut 2 ins, length over all 12 ins, wt without handles 15 ozs..... $69 00

Half doz in cardboard box; wt per doz 17¼ lbs.

GRIFFITH (GERMANTOWN)

Full Polished. Barrel.

First quality, solid forged tool steel, hardened poll, tempered bit, white hickory handles. Double slot; square neck.

Per Doz

No. 288—Width cut 2¼ ins; length head 1 in; length over all 11 ins..... $39 00

Half doz in cardboard box, wt per doz 14 lbs.

GRIFFITH (GERMANTOWN)

Painted Blue.

Produce Dealers.

Special top nail slot, square neck and poll, polished bit.

Per Doz

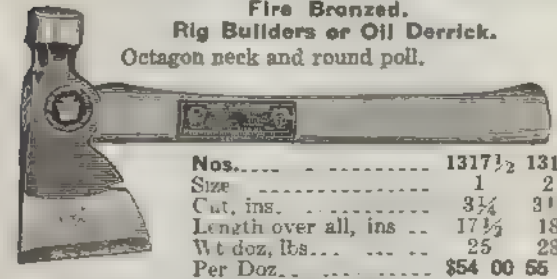
No. 286—Width cut 2 ins, length head 5 ins, length over all 14 ins..... $37 50

Half doz in cardboard box; wt per doz 12 lbs.

Fire Bronzed.

Rig Builders or Oil Derrick.

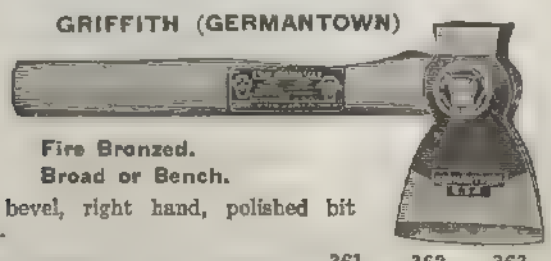
Octagon neck and round poll.



Nos.	1317½	1318	1318½
Size	1	2	3
Cut, ins.	3¼	3½	3¾
Length over all, ins	17½	18	18
Wt doz, lbs.	25	28	35
Per Doz.	$54 00	56 50	63 00

Half doz in cardboard box.

GRIFFITH (GERMANTOWN)



Fire Bronzed.

Broad or Bench.

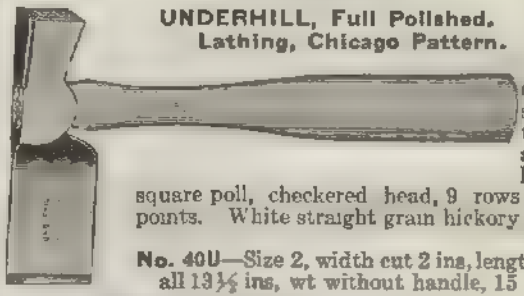
Single bevel, right hand, polished bit and head.

Nos.	361	362	363
Size	1	2	3
Width cut, ins.	3⅝	4½	5
Length over all, ins.	14	14½	14
Wt per doz, lbs.	24	36	40
Per Doz.	$49 50	54 00	57 00

Third doz in cardboard box.

HATCHETS

UNDERHILL, Full Polished. Lathing, Chicago Pattern.



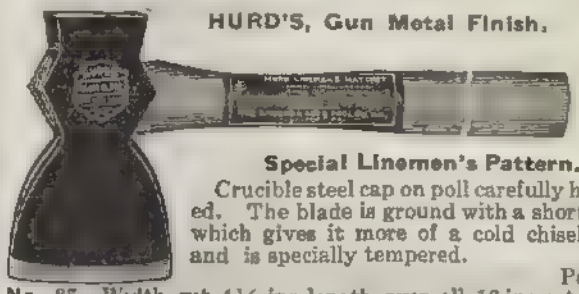
Solid forged crucible steel. Hand tempered and tested, hardened square poll, checkered head, 9 rows scoring, 81 points. White straight grain hickory handles.

Per Doz

No. 40U—Size 2, width cut 2 ins, length over all 13½ ins, wt without handle, 15 ozs.. $63 00

Half doz in cardboard box; wt per doz 17¼ lbs.

HURD'S, Gun Metal Finish.



Special Linemen's Pattern.

Crucible steel cap on poll carefully hardened. The blade is ground with a short bevel which gives it more of a cold chisel edge, and is specially tempered.

Per Doz

No. 85—Width cut 4¼ ins length over all 16 ins, wt without handle 2½ lbs..... $66 00

Half doz in cardboard box; wt per doz 17 lbs.

MINER'S TRACK

Kelly's Flint Edge.

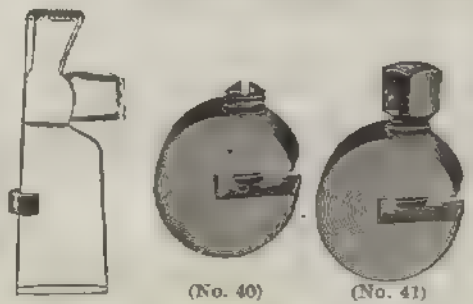
Crucible tool steel, hardened, tempered and ground, black forge finish; 4 inch checkered maul head sufficient in length to permit driving spikes over the track into ties without damaging or breaking handle. Black finish straight grain hickory handle.

Per Doz

No. 99—Width cut 3⅞ ins; length over all 18 ins; wt without handle 3½ lbs. $45 00

Packed loose; wt per doz 48 lbs

SHINGLE GAUGES



(No. 40) (No. 41)

⅜x7/16 inch cold rolled polished steel with ⅛x7/16 inch slot for attaching to thin bit hatchet. Will gauge shingles 4, 4½ and 5 inches to the weather.

With Flush Round Head Slotted Screw. Per Doz

No. 40—One doz mounted on display card..... $4 50

With Square Head Screw.

No. 41—One doz in cardboard box..... 4 50

Wt per doz 1 lb

BRICK TROWELS

MARSHALLTOWN, Wide Heel Pattern.

Leather handle; polished steel ferrule.

Nos.	21L-10	21L-10½	21L-11
Length blade, ins.	10	10½	11
Width at heel, ins	5⅞	6	6
Wt per doz, lbs	12½	13	13¼
Per Doz	$57 00		

Half doz in cardboard box.

POINTING TROWELS

—BLUE GRASS—

Forged of one piece highest quality crucible steel, taper ground, spring point; polished and etched blade; 4 inch polished maple handle; heavy steel ferrule; blue lacquered shank.

Nos.	BG41-4½	BG41-5	BG41-6
Length blade, ins	4½	5	6
Width at heel, ins	2½	2⅝	2¾
Wt per doz, lbs	2¾	3	3½
Per Doz	$15 00	15 00	15 00

Half doz in cardboard box.

—PINE KNOT—

Forged of one piece best quality cast steel; taper ground spring point; polished and etched blade; 4 inch white maple handle; steel ferrule, green lacquered shank.

Nos.	330-4½	330-5	330-5½	330-6
Length blade, ins	4½	5	5½	6
Width at heel, ins	2¼	2⅜	2½	2¾
Wt per doz, lbs	2¾	3	3¼	3½
Per Doz	$10 50	10 50	10 50	10 50

Half doz in cardboard box.

—MOHAWK—

Cast steel tempered blade, riveted to shank, hardwood handle, with steel ferrule; steel shank. Per Doz

No. 60-5—Length blade 5 ins; width at heel 2½ ins..... $3 00

One doz in cardboard box; wt per doz 3 lbs.

Stamped steel blade, riveted to shank, maple handle, with brass ferrule; malleable shank. Per Doz

No. 50-5½—Length blade 5½ ins; width at heel 2½ ins $3 30

One doz in cardboard box; wt per doz 2¾ lbs.

BRICK JOINTERS

—BLUE GRASS—

Extra quality crucible steel full polished, tapered to a point; one end round, other end square. Per Doz

No. BG147—Length 8½ ins; width at center ½ in..... $18 00

Half doz in cardboard box; wt per doz 3¼ lbs.

BRICK CHISELS

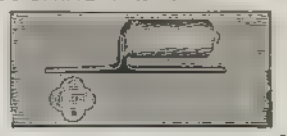
Finest quality tool steel. Hand forged, hardened and tempered. Oil finish; single bevel with offset. Per Doz

No. 55—Width cut 4 ins, length over all 6¾ ins. $22 50

Packed loose; wt per doz 13½ lbs.

PLASTERING TROWELS

Blades made of highest quality crucible spring steel; taper ground and tempered; basswood mahogany finished handles, 4½ inches long; mounting extends entirely through handle and is fastened with nut.



—BLUE GRASS—Cincinnati Pattern.

23 gauge blade; polished mountings, five rivets.

Nos.	BG400-11	BG400-11½	BG400-12
Length blade, ins	11	11½	12
Width blade, ins	4¾	4¾	4¾
Wt doz, lbs	13	13½	13¾
Per Doz	$38 25	38 25	38 25

Third doz in cardboard box.

—BLUE GRASS—Marshalltown Pattern, Finishing.

24 gauge blade. Mountings stop 1 in. from ends of blade, leaving sufficient spring for finish. Mountings fastened with 10 rivets which prevent lime from working between mountings and blade.

Nos.	BG401-11½	BG401-11	BG401-011½
Length blade, ins	11½	11	11½
Width blade, ins	4¾	4¾	4¾
Wt doz, lbs	13	13	13
Per Doz		$66 00	
Nos.	**BG401-12**	**BG401-11½A**	**BG401-012**
Length blade, ins	12	11½	12
Width blade, ins	4¾	5	5
Wt doz, lbs	13	13	13
Per Doz		$66 00	

Third doz in cardboard box.

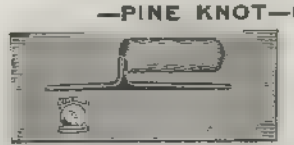
—BLUE GRASS—Marshalltown Pattern, Browning.

23 gauge blade. Mountings stop ½ inch from ends of blade, making blade stiff for rough work. Mountings fastened with 12 rivets which prevent lime from working between mountings and blade.

Nos.	BG402-11	BG402-11½	BG402-12
Length blade, ins.	11	11½	12
Width blade, ins	4¾	4¾	4¾
Wt doz, lbs	12½	13	13
Per Doz		$66 00	

Third doz in cardboard box.

—PINE KNOT—Cincinnati Pattern.



22 gauge crucible spring steel blade, full ground and polished; polished malleable iron mountings, fastened with rivets; genuine basswood handle. Yellow finish tang passes through handle and riveted.

Nos.	300-10½	300-11	300-11½
Length blade, ins	10½	11	11½
Width blade, ins	4¾	4¾	4¾
Wt doz, lbs	13	13	13
Per Doz		$29 25	

Third doz in cardboard box.

—CYCLONE—

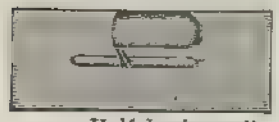
24 gauge spring steel blade, ground and polished; unpolished malleable mountings, fastened with four rivets; tang extends through handle and riveted; full size basswood unfinished handle.

Nos.	600-10½	600-11	600-11½
Length blade, ins	10½	11	11½
Width blade, ins	4¾	4¾	4¾
Wt doz, lbs	11	11½	12
Per Doz	$22 50	22 50	22 50

Half doz in cardboard box.

PLASTERING TROWELS

—MOHAWK—Cincinnati Pattern.



Tempered steel blade; malleable iron shank; maple handle.

	Per Doz
No. 62-11—Length blade 11 ins; width 4¾ ins	$9 75

Half doz in cardboard box; wt per doz 13½ lbs.

Sanford, Handy.

Polished steel blade and shank; varnished natural finish hardwood handle, mountings fastened with 3 countersunk rivets.

	Per Doz
No. 35—Length 10 ins; width 4½ ins	$6 60

Half doz in cardboard box; wt per doz 12 lbs.

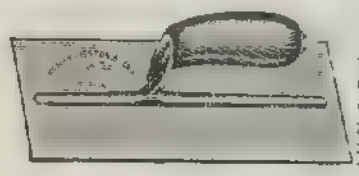
DISSTON, Marshalltown Pattern, Finishing.

24 gauge steel blade tempered, accurately ground extra thin and slightly concaved. Maple handle on extra long mounting securely fastened to blade with 10 rivets.

Nos.	28-11	28-11½
Length blade, ins	11	11½
Width blade, ins	4⅝	4⅞
Wt doz, lbs	13	13¼
Per Doz	$72 00	72 00

Half doz in cardboard box.

DISSTON



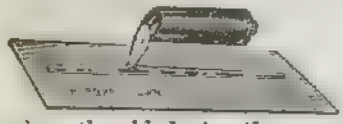
24 gauge steel blade tempered, accurately ground extra thin and slightly concaved. Specially shaped maple handle on extra long mounting securely fastened to blade with 10 rivets.

Nos.	38-10½	38-11	38-11½
Length blade, ins	10½	11	11½
Width blade, ins	4½	4¾	4¹⁵⁄₁₆
Wt per doz, lbs	13	14	16
Per Doz	$72 00	72 00	72 00

Half doz in cardboard box.

GENUINE MARSHALLTOWN

Crucible spring steel blade; basswood handle, enameled black.



Finishing.

Mounting extends within one inch of blade leaving plenty of spring for finishing. Has ten rivets fastening the blade to the mounting, which prevent lime from working between the blade and the mounting.

Nos.	MF80	MF81	MF1	MF2
Length blade, ins	10	10½	11	11½
Width blade, ins	4	4	4¼	4½
Wt doz, lbs	10½	11	12	13
Per Doz	$75 00	75 00	75 00	75 00

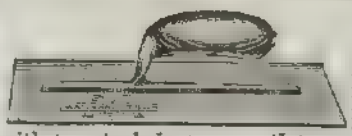
Nos.	MF3	MF4	MF5	MF6	MF7
Length blade, ins	11	11½	12	11½	12
Width blade, ins	4¾	4¾	4¾	5	5
Wt doz, lbs	12½	13	13½	13½	14
Per Doz	$75 00	75 00	75 00	75 00	75 00

Third doz in cardboard box.

PLASTERING TROWELS

MARSHALLTOWN

Finishing.



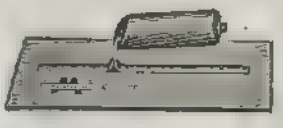
California Handle.

Crucible spring steel, tempered, ground and polished blade; special analysis, light weight rigid steel mounting fastened to blade with ten steel rivets; smooth turned natural finish wood handle, shaped for comfortable grip.

Nos.	MFS1	MFS3	MFS4
Length blade, ins	11	11	11½
Width blade, ins	4½	4¾	4¾
Wt per doz, lbs	9½	11	13
Per Doz		$75 00	

Third doz in cardboard box.

MARSHALLTOWN XTRALITE



Finishing.

Light spring steel blade, tempered, ground and polished; special stiff aluminum alloy mounting; 10 steel rivets; smooth turned wood handle, fastened with brass nut and washer.

This trowel is about twenty-five per cent lighter than the standard and easier to handle.

Nos.	MX81	MX1	MX2	MX3	MX4
Length blade, ins	10½	11	11½	11	11½
Width blade, ins	4	4½	4½	4¾	4¾
Wt per doz, lbs	12	13	13½	13¼	13¾
Per Doz			$84 00		

One in cardboard box.

Browning.

Mounting extends within one-fourth inch of blade. Has twelve rivets fastening the blade to the mounting which prevent the lime from working between the blade and the mounting.

Nos.	MB4	MB5	MB6
Length blade, ins	11½	12	11½
Width blade, ins	4¾	4¾	5
Wt doz, lbs	14	14½	14½
Per Doz	$75 00	75 00	75 00

Third doz in cardboard box.

MARGIN TROWELS

MARSHALLTOWN

Forged in one piece from high grade trowel steel, tempered, ground and polished; hardwood handle with polished steel ferrule.

	Per Doz
No. 52—Size blade 5x2 ins; length over all 9½ ins	$15 75

Half doz in cardboard box; wt per doz 5¾ lbs.

DISSTON

Forged in one piece from high grade heavy steel, tempered, ground and polished; natural finish hardwood handle with polished steel ferrule. Length over all 10 inches.

Nos.	27	28
Size blade, ins	5x1½	5x2
Wt per doz, lbs	3½	4
Per Doz	$15 75	15 75

Half doz in cardboard box.

TILE MARKERS

MARSHALLTOWN

Polished spring steel blade, hardwood polished handle with polished steel ferrule.

	Per Doz
No. 2—Size cutler 2½ ins; length over all 6½ ins	$12 75

One doz in cardboard box; wt per doz 2¼ lbs.

PLASTERING HAWKS

MARSHALLTOWN, Wood.

California Red Wood cross pieces dove tailed and glued; securely fastened. A cast nut to receive the handle is placed between the top board and dove tailed cross piece; which makes handle rigid.

No.	22
Size, ins	13½x13½
Wt doz, lbs	26
Per Doz	$31 50

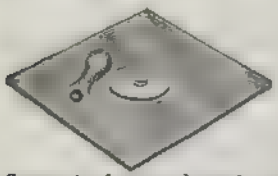
Third doz in cardboard box.

MARSHALLTOWN, Aluminum.

Hard rolled aluminum and weighs about the same as wood hawks. The handles are detachable with a 4 inch flange hub extends ⅜ of an inch, to receive thread on handle, fitted with soft rubber callous preventors.

Nos.	1	2
Size, ins	13x13	13½x13½
Wt doz, lbs	18	20
Per Doz	$63 00	66 00

Quarter doz in cardboard box



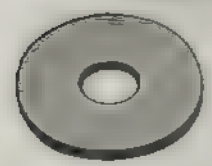
COMPETITIVE, Aluminum.

Tempered aluminum, highly polished, light in weight, strong and durable, will not warp. 3½ inch aluminum punched flange fastened with four countersunk rivets, hexagon nut in center of flange to fasten shaped wood handle. Face of hawk ground rough so that plaster will not run off.

	Per Doz
No. 13—Size 13x13 ins	$61 50

Quarter doz in cardboard box; wt per doz 20 lbs

CALLOUS PREVENTERS

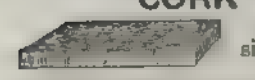


Good quality gray sponge rubber, soft and flexible For use on plaster's hawks.

	Per Doz
No. 0—Diam 3½ ins; ¼ in. thick	$6 75

Packed loose; wt per doz ½ lb.

CORK FLOATS, Plasterers'.



One thickness cork, finished on both sides, with smooth surface.

Used by plasterers in putting on rough or sanded finish (stippelen) preparatory to calcimining.

Nos.	10	30	40
Size, ins	4x12	5x12	6x12
Thickness, ins	1¼	1¼	1¼
Wt doz, lbs	3¾	6	7½
Per Doz	$18 75	24 00	27 00

Packed loose

CORK FLOATS

Handled, Wood Backs.

¾ inch smoothly finished cork face, securely mounted on ⅜ inch wood base with shaped handle.

	Per Doz
No. 41—Size 12x5x1⅛ ins	$28 50

Quarter doz in cardboard box, 12 in carton; wt per doz 12 lbs.

WOOD FLOATS

¾ inch smoothly finished California red wood face securely fastened on shaped handle.

	Per Doz
No. 44—Size 12x5x¾ in	$11 25

Quarter doz in cardboard box; wt per doz 15 lbs.

FLOAT HANDLES

For No. 44 Float.

Smooth turned seasoned wood, shaped for comfortable grip.

	Per Doz
No. 16—Length 9¾ ins; height 2¾ ins	$6 75

Packed loose; wt per doz 2½ lbs.

DARBIES

Seasoned Hardwood.

Light strong and durable; 18 inch rib with 3½ inch handle.

	Per Doz
No. 02—Size 3½x44 ins	$18 00

One doz in crate; wt per doz 33 lbs.

Aluminum.

Light, strong and flexible, 18 inch rib and one handle.

	Per Doz
No. 2—Size 3½x44 ins	$90 00

Half doz in cardboard box; wt per doz 27 lbs.

PLASTERERS PADDLES

MARSHALLTOWN

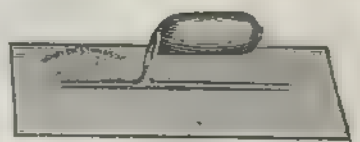
Clear, seasoned hard maple. Length over all 8 inches; width head 3 inches; ¾ inch beveled working head.

	Per Doz
No. 336—With plain edge	$6 75
No. 337—With bronze blade inserted in edge	9 00

Half doz in cardboard box; wt per doz 4 lbs.

CEMENT TROWELS

DISSTON



24 gauge steel blade tempered, accurately ground extra thin and slightly concaved Specially shaped maple handle on extra long mounting securely fastened to blade.

Nos.	68-12	68-14
Length blade, ins	12	14
Width blade, ins	4	4
No of rivets in blade	10	12
Wt per doz, lbs	14	16
Per Doz	$78 00	84 00

Half doz in cardboard box.

CEMENT TROWELS

MARSHALLTOWN,
Long Handle.

High grade spring steel blade, tempered, ground and polished; malleable mounting first quality ash handle, adjustable to any position.

Per Doz

No. C24—Size blade 24x5 ins; length handle 6 ft..... $171 00

Packed loose; wt per doz 48 lbs.

MARSHALLTOWN
Cement Finishing.

Crucible spring steel, tempered, ground and polished blade; special analysis, light weight rigid steel mounting fastened to blade with twelve steel rivets; smooth turned natural finish wood handle, shaped for comfortable grip.

Per Doz

No. MCW64—Length blade 14 ins; width 4 ins..... $71 00

Third doz in cardboard box; wt per doz 15 lbs.

CORNER TROWELS

—BLUE GRASS—

Cold rolled steel blade, full polished; genuine basswood handles, mahogany finish. Steel mountings securely riveted to blades.

Per Doz

No. BG43—Length blade 6 ins.. $23 25

Half doz in cardboard box; wt per doz 12 lbs.

CEMENT TOOLS

—BLUE GRASS—

Cold rolled steel blade, full polished; genuine basswood handles, mahogany finish. Steel mountings securely riveted to blades.

EDGERS

Straight ends, ⅜ inch radius.

Per Doz

No. BG53—Length 5 ins; width 3 ins..... $16 50

Half doz in cardboard box; wt per doz 8 lbs.

EDGERS

Curved ends; ⅜ inch radius.

Per Doz

No. BG54—Length 5 ins; width 3 ins..... $16 50

Half doz in cardboard box; wt per doz 8 lbs.

EDGERS

One end straight other end curved, ⅜ inch radius.

Per Doz

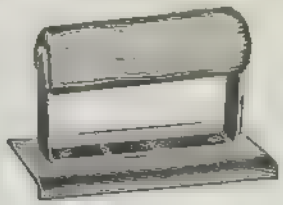
No. BG55—Length 5 ins; width 3 ins..... $16 50

Half doz in cardboard box; wt per doz 8 lbs.

CEMENT TOOLS

—BLUE GRASS—

Cold rolled steel blade, full polished; genuine basswood handles, mahogany finish. Steel mountings securely riveted to blades.



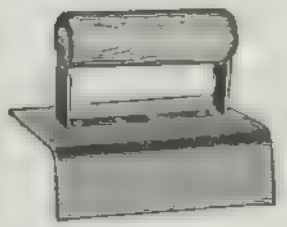
EDGERS

Straight ends, ¼ inch radius.

Per Doz

No. BG56—Length 5 ins; width 2¾ ins..... $16 50

Half doz in cardboard box; wt per doz 7 lbs.



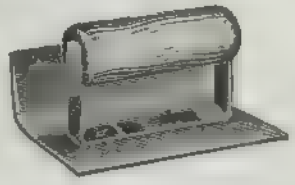
CURB EDGERS

2½ inch drop, ⅜ inch radius.

Per Doz

No. BG57 Length 5½ ins; width 4 ins..... $16 50

Half doz in cardboard box; wt per doz 8 lbs



FLOOR EDGERS

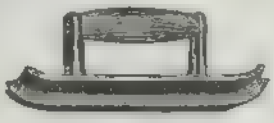
2½ inch raise, ⅜ inch radius.

Per Doz

No. BG58—Length 5½ ins; width 4 ins..... $16 50

Half doz in cardboard box; wt per doz 9 lbs.

Cast iron, working surfaces polished and nickel plated, reverse side and handle posts japanned. Polished hardwood handles about 3¾ inches long.



Wide Jointer.

Both ends rounded.

Per Doz

No. 1—Length 6 ins; width 2¾ ins, depth of cut ½ in; width of cut ⅜ in..... $12 75

Half doz in cardboard box, wt per doz 16 lbs

Narrow Jointer.

Both ends rounded.

Per Doz

No. 41—Length 8 ins, width 1¾ ins; depth of cut ½ in; width of cut ⅜ in..... $15 00

Half doz in cardboard box; wt per doz 15 lbs

Straight Edge Jointer.

One end rounded, other end straight.

Per Doz

No. 5—Length 6 ins; width 3 ins, depth of cut ½ in; width of cut ⅜ in..... $12 75

Half doz in cardboard box; wt per doz 18 lbs

Finishing Jointer.

Straight ends with slightly oval face, smooth cast iron handle.

Per Doz

No. 27—Length 5 ins; width 2 ins; depth of cut 5/16 in; width of cut ½ in..... $12 75

Half doz in cardboard box; wt per doz 20 lbs.

D 1

CEMENT TOOLS

Cast iron working surface, polished and nickel plated; reverse side and handle posts japanned. Polished hardwood handles.

Wide Edgers.
Both ends rounded.

Per Doz

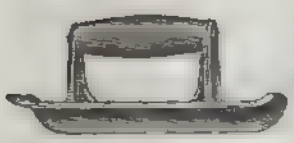
No. 2—Length 6 ins; width 2¼ ins; length 3¼ in; with ⅜ in. radius ... $12 75

Half doz in cardboard box; wt per doz 15 lbs.

Wide Edgers.
Both ends rounded. Per Doz

No. 4—Length 6 ins; width 3 ins; depth 1 in. ¾ in. radius ... $14 25

Half doz in cardboard box; wt per doz 17 lbs.



Narrow Edger.
Both ends rounded.

Per Doz

No. 38—Length 8 ins; width 1¼ ins; depth ¾ in; with ⅝ in. radius ... $15 00

Half doz in cardboard box; wt per doz 14 lbs.

Square Edger.
Both ends rounded. For finishing the edges of steps, etc.

Per Doz

No. 17—Length 6 ins; width 3 ins, depth 1½ ins, with 1/16 in. radius ... $18 00

Half doz in cardboard box; wt per doz 19 lbs.

Corner Tool.

One straight end and other end projecting to allow for very close work in corners. Per Doz

No. 6—Length 6 ins; height sides 1½ ins ... $12 60

Half doz in cardboard box; wt per doz 14 lbs

Radius Tool.

For laying out and finishing curves, circles and for working around outside corners. Per Doz

No. 23—Length over all 5½ ins; size blade 1½x1½ ins with ⅜ in. radius; ¾ in. cut ... $10 95

Half doz in cardboard box; wt per doz 12 lbs.

Curb Tool.

For forming and finishing top of curbing or abutment, at sides of steps, lawn walks, etc. Per Doz

No. 45—Length 6 ins; width inside 4 ins; height inside 1⅛ ins ... $27 75

Half doz in cardboard box; wt per doz 21 lbs.

CEMENT TOOLS

Cast iron working surfaces, polished and nickel plated; reverse side and handle post japanned. Polished hardwood handles.

Curb Gutter Tool.

Double half round face, sides slightly curved at both ends. For finishing the curb, formed in making combined curb and gutter. Per Doz

No. 26—Length 6 in, width 3 in; extreme width 4¾ in. $25 50

Half doz in cardboard box; wt per doz 24 lbs

Tuck Pointers.

Concave groove used for making raised pointing or beading on cement block, brick or stone walls. The beading will not cling to the tool. Length blade 4¾ inches, length over all 9¼ inches. Brass ferrule.

Nos.	12-¼	12-⅜	12-½
Width groove, ins	¼	⅜	½
Wt doz, lbs	4	4	4
Per Doz	$12 75	12 75	12 75

Half doz in cardboard box.

Corrugating Tool.

Both ends rounded. For corrugating inclined sidewalks and driveways to prevent slipping and to help the drain of water

Per Doz

No. 44—Length 6 ins; width 4½ ins; 10 corrugations ⅛ in. deep ... $25 50

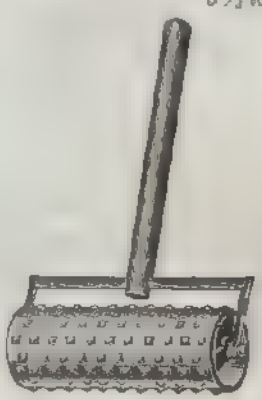
Half doz in cardboard box; wt per doz 25 lbs

Indentation Rollers.

The impressions are close together and leave no flat places on surface. Dots are cut diagonally, preventing the tearing up of material when used on soft cement. Each

No. 70—Nickel plated; length cylinder 8 ins; diam 3½ ins; detachable hardwood handle 14½ ins long ... $12 00

Packed loose, wrapped; handle separate; wt each 5½ lbs.



Indentation Rollers.

For imprinting the surface of walks, making square impressions, giving the walk a neat appearance.

Each

No. 15—Length of cylinder 10 ins; diam 4 ins; iron handle 14 ins long ... $7 20

Packed loose, wrapped; handle separate; wt each 10 lbs.

Tampers.

Cast iron, square pattern, reinforced handle socket, 48 inch hardwood handle

Nos.	16	29	21	34
Size base, ins	6x6	8x8	9x9	10x10
Wt each, lbs	12	14	16	19
Per Doz	$40 50	49 50	54 00	55 50

Shipped loose

D 1

SAW FILE ASSORTMENTS

—BLUE GRASS—

Assortment includes 5 dozen Blue Grass Extra Slim Taper Files as follows:

1 Doz 4 inch,
1 " 5 "
1 " 5½ "
2 " 6 "

Complete with beautiful 18 inch display card, oil-processed (imitation oil painted) in bright orange and black. This card proves a perfect silent salesman wherever used.

While the files included in this assortment represents the best selling sizes, we will furnish one of the display cards **free** with 5 dozen files in any sizes to suit the customers requirements.

		Per Ass't
No. BG-XST	As described above	$14 58

FILES

Regular Taper, Single Cut.

For filing hand saws.

Length, ins		3½	4	4½	5
Wt doz, lbs		½	¾	1	1¼
—Blue Grass—	Per Doz	2 28	2 46	2 64	2 88
Kearney & Foot	"				2 79
Black Diamond	"				4 05
Standard List	"	*$2 10*	*2 20*	*2 40*	*3 60*

Length, ins		6	7	8	10
Wt doz, lbs		2	3	4	7
—Blue Grass—	Per Doz	3 75	4 71	5 91	8 91
Kearney & Foot	"	3 81		6 00	
Black Diamond	"	5 25		8 25	
Standard List	"	*$3 40*	*4 30*	*5 40*	*8 10*

One doz in cardboard box.

FILES

—BLUE GRASS—

Extra quality special file steel, cut with the utmost precision on special modern machinery and tempered by an exclusive process that leaves nothing to chance; no soft spots, no brittle spots, but uniform all over.

Slim Taper, Single Cut.

For filing hand saws.

Length, ins		3	3½	4	4½	5
Wt doz, lbs		¼	¼	½	½	¾
—Blue Grass—	Per Doz	2 28	2 28	2 40	2 52	2 76
Kearney & Foot	" "	2 34	2 34	2 46	2 58	2 79
Nicholson	" "	3 36	3 36	3 54	3 60	3 84
Black Diamond	" "	3 36	3 36	3 54	3 60	3 84
Standard List	" "	*$2 10*	*2 10*	*2 20*	*2 30*	*2 50*

Length, ins		5½	6	7	8	10
Wt doz, lbs		¾	1⅛	2	3½	5½
—Blue Grass—	Per Doz	3 15	3 36	4 20	4 89	7 05
Kearney & Foot	" "	3 30	3 45		5 01	
Nicholson	" "	4 50	4 74	2 85	6 90	
Black Diamond	" "	4 50	4 74	2 85	6 90	9 81
Standard List	" "	*$2 90*	*3 10*	*3 80*	*4 50*	*6 40*

One doz in cardboard box.

Extra Slim Taper, Single Cut.

For filing hand saws.

Length, ins		4	4½	5	5½	6	7	8
Wt doz, lbs		¼	⅜	½	⅝	¾	1	1⅛
—Blue Grass—	Per Doz	2 40	2 52	2 70	3 15	3 36	4 20	4 89
Kearney & Foot	" "	2 46	2 58	2 79	3 30	3 45		
Nicholson	" "	3 54	3 60	3 84	4 50	4 74	5 85	6 90
Disston	" "	3 15	3 30	3 60	4 17	4 44		
Black Diamond	" "	3 54	3 60	3 84	4 50	4 74	5 85	6 90
Standard List	" "	*$2 20*	*2 30*	*2 50*	*2 90*	*3 10*	*3 80*	*4 50*

One doz in cardboard box.

Extra, Extra Slim Taper, Single Cut.

Length, ins		4	4½	5	5½	6	7	8
Wt doz, lbs		1⅛	⅛	1¼	⅜	1½	⅝	¾
—Blue Grass—	Per Doz	2 40	2 52	2 70	3 15	3 36	4 11	4 86
Nicholson	" "	3 54	3 60	3 84	4 50	4 74	5 85	
Black Diamond	" "			3 84	4 50	4 74	5 85	
Standard List	" "	*$2 20*	*2 30*	*2 50*	*2 90*	*3 10*	*3 80*	*4 50*

One doz in cardboard box.

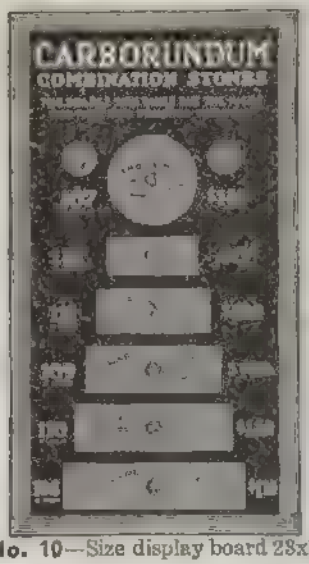
Slim Taper, Double End.

For filing hand saws.

Length, ins		7	8	9
Wt doz, lbs		1	1½	2
—Blue Grass—	Per Doz	3 78	4 26	4 80
Kearney & Foot	" "	3 90	4 38	
Nicholson	" "			
Disston	" "			
Black Diamond	" "	5 40	6 00	
Standard List	" "	*$3 50*	*3 90*	*4 40*

One doz in cardboard box; Disston, ½ doz.

SHARPENING STONES



CARBORUNDUM, Combination Stones.

One face of very fine grit for tools requiring a keen, sharp edge, other face of coarse grit for dull tools; uniform and fast cutting.

Easel back steel display board, attractively lithographed in four colors. Displays six popular sizes, numbered and priced.

Assortment consists of 1 dozen stones assorted sizes as follows:

2—No. 107—Size 4x1 inch
2—No. 112—Size 4x1¾x⅝ inch.
2—No. 111—Size 5x2x¾ in.
2—No. 109—Size 6x2x1 in.
2—No. 110—Size 7x2x1 in.
2—No. 108—Size 8x2x1 in.

Per Ass't

No. 10—Size display board 28x12½ ins..... **$31 50**

One ass't in wood box; ship wt per ass't 40 lbs.

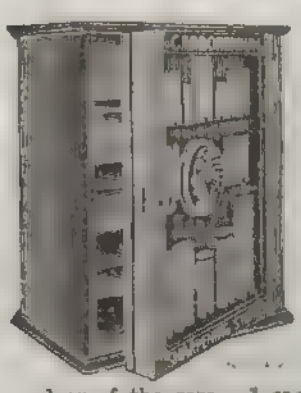
FREE CARBORUNDUM CASE ASSORTMENTS

Natural wood finish; case is 14 inches square, 7 inches high, made with four spacious drawers of ample size to carry a well assorted stock of carborundum stones, each drawer fitted with a drawer pull.

No. 1—With stock orders for carborundum stones amounting to $21.00 and over we will furnish one free display case.

Customers may select any assortment of stones. Cases will not be sold separately.

Wt per case about 24 lbs.



CARBORUNDUM Case Assortments.

Golden quartered oak case for the window or counter display, 24 inches high, 18 inches wide and 12 inches deep. The door and glass-covered display panel showing an assortment of carborundum stones are in one. Back of the door is the stock compartment for carrying stone assortment. Stock is accessible from the front of the case, making it very convenient.

Display.

The following stones are mounted on the display panel or door of the case. 1 each Nos. 103, 200, 109, 111, 112, 118, 124, 142, 145, 149, 183, 184, 194, 292; 2 each 4x⅜ rd., 4x⅜ sq., 4x⅜ triangular.

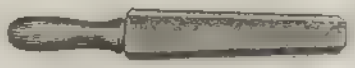
Samples Only.

No. 7—With stock orders for carborundum stones amounting to $35.00 and over exclusive of sample stone in case we will furnish one display case fitted with samples for the price of the samples; wt complete about 100 lbs..... **$31 50**

Customers may select any assortment of stones. Cases will not be sold separately.

CARBORUNDUM FILES

"Also Shown In Dept. 2, Page 306"



A solid four-sided, tapered shaft of carborundum that cuts quick and free. Can be used for sharpening knives of mower sections, all kinds of farm and garden tools, sickles, spades, scythes, lawn mower knives, etc.

Per Doz

No. 57—5 in. hardwood handle; length stone 9 ins; total length 14 ins; size at handle 2x1½x1¼x1¼ ins, tapered to 1⅜x1x1 in. at end..... **$24 75**

Packed loose; wt 15 lbs.

RUBBING BRICKS

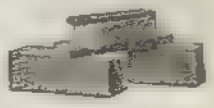
CARBORUNDUM

Made by vitrified process. Can be used dry, with water or oil. Designed for smoothing concrete surfaces, removing mould or form marks.

Plain, 20 Grit.

Nos.	211	212	214	215
Size, ins	8x2x2	8x2x1	6x2x2	6x2x1
Wt doz, lbs	20	16	12	10
Per Doz	$42 00	24 00	34 50	17 25

Packed loose



Fluted, 20 Grit.

Nos.	285	286
Size, ins	8x2x2	6x2x2
Wt doz, lbs	80	24
Per Doz	$42 00	34 50

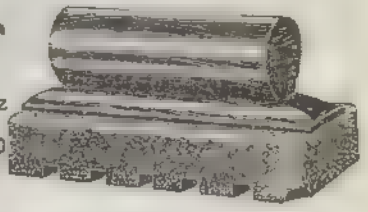
Packed loose.

Fluted, 20 Grit. Smooth Finish With Wood Handle.

Per Doz

No. 288 Size 8x3½ x1½ ins $66 00

Packed loose; wt per doz 42 lbs.



BRICK TROWELS

—BLUE GRASS—

Forged of one piece highest quality crucible steel, taper ground, extra heavy heel, full spring point, full polished and etched blade, blue lacquered shank of proper bend, extra long polished heavy steel ferrule.

—BLUE GRASS—Philadelphia Pattern.

Polished maple handles. 5¼ inches long.

Nos.	BG49-10½	BG49-11	BG49-11½
Length blade, ins	10½	11	11½
Width at heel, ins	5⁹/₁₆	5¾	5½
Wt per doz, lbs	13	14	14½
Per Doz	$46 50	46 50	46 50

Third doz in cardboard box.

—BLUE GRASS—Philadelphia Pattern.

Highly finished leather handles. Polished maple tip, 5¼ inches long.

Nos.	BG149-10½	BG149-11	BG149-11½
Length blade, ins	10½	11	11½
Width at heel, ins	5⁹/₁₆	5¼	5½
Wt per doz, lbs	13	14	14½
Per Doz	$51 00	51 00	51 00

Third doz in cardboard box.

BRICK TROWELS

—PINE KNOT—Philadelphia Pattern.

Forged of one piece best quality cast steel, taper ground, polished and etched blade, heavy heel, flexible point, green lacquered shank, extra long heavy steel ferrule; white maple handle, 5¼ inches long.

Nos.	325-10½	325-11	325-11½
Length blade, ins	10½	11	11½
Width at heel, ins	5 5/16	5¼	5¼
Wt per doz, lbs	12¾	13	13¼
Per Doz	$25 50	25 50	25 50

Half doz in cardboard box.

—CYCLONE—London Pattern.

One piece cast steel, taper ground and tempered blade, etched 5 inch plain hardwood handle. Heavy steel ferrule, natural finish shank.

Nos.	605-10½	605-11	605-11½
Length blade, ins	10½	11	11½
Width at heel, ins	4⅝	4⅞	5
Wt per doz, lbs	12½	13	13¼
Per Doz	$22 50	22 50	22 50

Packed loose.

—CYCLONE—Philadelphia Pattern.

Nos.	606-7	606-8	606-10	606-10½	606-11	606-11½
Lgth blade, ins	7	8	10	10½	11	11½
Width heel, ins	4	4½	4⅞	5¼	5⅛	5¼
Wt doz, lbs	10	12	13	14	14½	15
Per Doz	$22 50					

Half doz in cardboard box.

TRANS-ATLANTIC—Philadelphia Pattern.

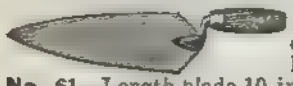
Forged of one piece high grade steel, tempered, ground and polished; varnished wood handle. Heavy steel ferrule, natural finish shank.

Per Doz

No. TA6-10—Length blade 10 ins; width at heel 5½ ins $18 00

Half doz in cardboard box; wt per doz 10½ lbs.

—MOHAWK—Philadelphia Pattern.



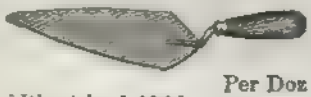
Cast steel, polished blade, riveted to shank; hardwood handle, malleable ferrule. Per Doz

No. 61—Length blade 10 ins, width at heel 4¾ ins $6 75

Half doz in cardboard box; wt per doz 8 lbs.

HANDY

Polished steel blade, riveted to steel shank; hardwood handle.



Per Doz

No. 30—Length blade 9½ ins, width at heel 4½ ins; wt per doz 6 lbs $5 25

Half doz in cardboard box.

ROSE, London Pattern.

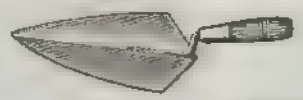
Extra quality steel blade, polished, tempered; long hardwood handle, with long polished steel ferrule.

Nos.	112-10½	112-11	112-11½	112-12
Length blade, ins	10½	11	11½	12
Width at heel, ins	5½	5½	5⅝	5¾
Wt per doz, lbs	12	13	14	14
Per Doz	$51 00	54 00	55 50	57 00

Half doz in cardboard box.

BRICK TROWELS

ROSE, Philadelphia Pattern.



Extra quality steel blade, polished, carefully tempered; hardwood handle, with long polished steel ferrule.

(Regular Weight).

Nos.	110-10	110-10½	110-11	110-11½	110-12
Length blade, ins	10	10½	11	11½	12
Width at heel, ins	5	5 1/16	5 1/16	5½	5 9/16
Wt per doz, lbs	12	13	14	14½	15
Per Doz	$48 75	51 00	54 00	55 50	57 00

Half doz in cardboard box.

(Norfolk Weight).

Light weight, extra quality tempered steel blade, polished; reground, extra thin, flexible point; hardwood handle, with long polished steel ferrules. Not guaranteed.

Nos.	210-10½	210-11	210-11½	210-12
Length blade, ins	10½	11	11½	12
Width at heel, ins	5 1/16	5 1/16	5½	5 9/16
Wt per doz, lbs	12½	13¾	14	14½
Per Doz	$54 00	57 00	60 00	63 00

Half doz in cardboard box.

ROSE, Broad Heel.

Extra quality steel blade, polished carefully tempered; 6 inch leather handles, with polished steel ferrule.

Nos.	321-10	321-10½	321-11	321-11½
Length blade, ins	10	10½	11	11½
Width at heel, ins	5½	6	6	6
Wt per doz, lbs	14	14¼	14½	14¾
Per Doz	$60 00	63 00	66 00	69 00

Half doz in cardboard box.

ROSE, Round Heel.

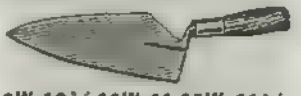
Extra quality steel blade, tempered and polished; selected hardwood handle with polished steel ferrules.

Nos.	113-10½	113-11	113-11½	113-12
Length blade, ins	10½	11	11½	12
Width at heel, ins	4⅞	5	5 1/16	5⅛
Wt per doz, lbs	13¾	14	14¾	14¾
Per Doz	$51 00	54 00	55 50	57 00

Half doz in cardboard box.

MARSHALLTOWN, Philadelphia Pattern.

Hickory handle; polished steel ferrule.



Nos.	19W-10	19W-10½	19W-11	19W-11½
Lgth blade, ins	10	10½	11	11½
Width heel, ins	5	5¼	5½	5¾
Wt doz, lbs	11½	11¾	12	12¼
Per Doz	$49 50			

Half doz in cardboard box.

MARSHALLTOWN, London Pattern.

Hickory handle; polished steel ferrule.

Nos.	33W-10½	33W-11	33W-11½	33W-12
Length blade, ins	10½	11	11½	12
Width at heel, ins	4⅜	4 11/16	4⅞	5⅛
Wt per doz, lbs	11¾	12	12¼	12½
Per Doz	$48 00			

Half doz in cardboard box.

POCKET KNIVES

REMINGTON

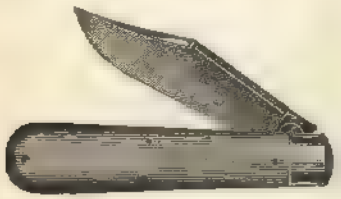
Fully Warranted.

Manufactured by the Remington Cutlery Works, whose plant, in construction, arrangement, convenience and adaptability, is of the most modern type. They have designed and built equipment best adapted to the production of Pocket Cutlery to the uniform high Remington standard of quality, on a large scale.

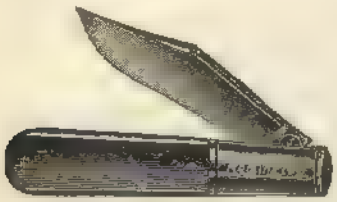
Remington blade steel is not a matter of chance, tradition or custom. Regardless of first cost, they have sought and found for Remington blades the blade steel that will stand up under the most exacting tests and the rough hard usage for which Pocket Knives are not intended, but which they usually undergo.

Heat treatment—hardening and tempering—is by their own laboratory process. Every lot of blade steel is analyzed and tested at random before its actual use in process is permitted.

"The prime function of a Pocket Knife is to cut—to cut keenly." To this end they have designed equipment and adopted methods which insure a strong keen cutting edge on every Remington knife blade.

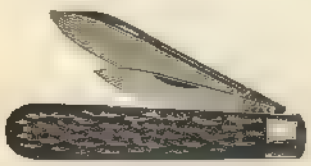


No. R01. 3¼ inch redwood handle; one large clip blade, steel bolster and lining . ...Dozen **$7 00**

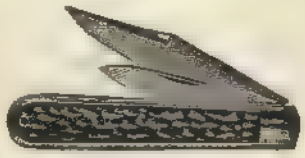


No. RB041. "Barlow" Jack. 3¼ inch dyed bone handle; one large clip blade; long steel bolster; steel lining .....Dozen **$7 00**

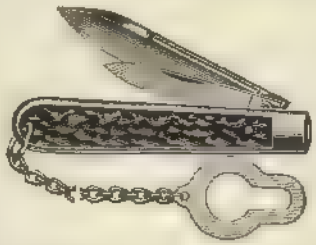
No. RB44. "Barlow" Jack. 3¼ inch dyed bone handle; 2 blades; large steel bolster and steel lining. ..Dozen **$8 00**



No. R1573. 3 inch hard fibre stag handle; 2 blades; steel bolster and lining. ..... Dozen **$8 00**

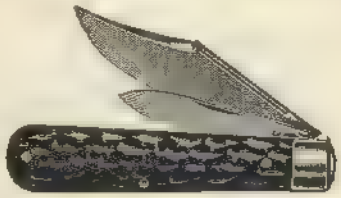


No. R1633. 3¼ inch hard fibre stag handle; 2 blades; steel bolster and lining ... . Dozen **$8 00**



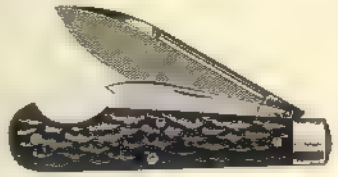
No. R1573CH. 3⅛ inch; hard fibre stag handle; large spear and pen blades; with chain; steel bolster and lining. .....Dozen **$9 60**

No. R1623CH. 3⅛ inch; hard fibre stag handle; large clip and pen blades; with chain; steel bolster and lining. ....Dozen **$9 60**



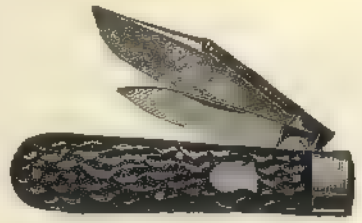
No. R33. 3⅜ inch; stag handle; large clip and pen blades; steel bolsters and lining. .....Dozen **$8 00**

No. R31. Same as No. R33 except red wood handle. .....Dozen **$8 00**



No. R1673. 3⅜ inch; easy opener; stag handle; large spear and pen blades; steel bolster and lining...Dozen **$8 50**

No. R23CH. 3¼ inch; stag handle; large spear and pen blades; with chain; steel bolster and lining...Dozen **$9 60**



No. R1073. 3½ inch; stag handle; clip and pen blades, blue glazed; master blade etched; steel bolster; brass lined. .....Dozen **$12 00**

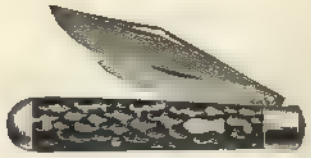
No. R1075. Same as R1073 except has pyremite handle ....Dozen **$12 50**

All above half dozen in a package; shipping weight about 1½ lbs. per dozen.

POCKET KNIVES

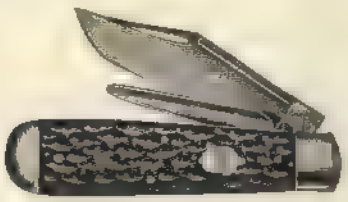
REMINGTON

Fully Warranted.

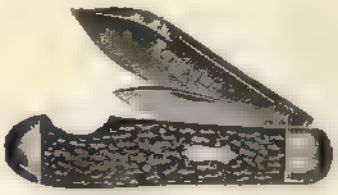


No. R1903. 3 inch; stag handle; large clip and pen blades blue glazed; cap, bolster and lining are of one-piece 18% nickel silver...Dozen **$12 00**

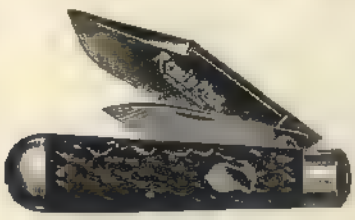
No. R1905. Same as No. R1903 except pyremite handle. ...Dozen **$12 00**



No. R1743. 3½ inch; stag handle; clip and punch blades crocus polished and etched; nickel silver cap and bolster; brass lined. ....Dozen **$18 00**

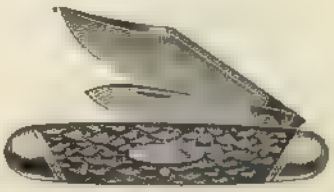


No. R1773. 3½ inch; easy opener; stag handle; spear blade crocus polished and etched; pen blade blue glazed; nickel silver cap and bolster. .....Dozen **$16 00**



No. R153. 3½ inch; stag handle; clip blade crocus polished; pen blade blue glazed; nickel silver bolster cap and shield; brass lined. .Dozen **$16 00**

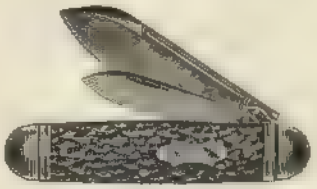
No. R155. Same as R153 except has pyremite handle .....Dozen **$18 00**



No. R1853. 3⅜ inch; stag handle; large clip and pen blades; master blade etched; diagonal nickel silver cap, bolster and lining .....Dozen **$16 00**

No. R1855. 3⅜ inch; pyremite handle; clip blade crocus polished and etched; pen blade blue glazed; nickel silver bolster and lining...Dozen **$18 00**

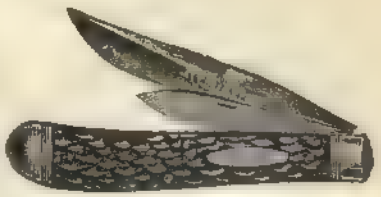
No. R552. 3¼ inch; ebony handle; large spear and pen blades; master blade etched; steel cap and bolster; brass lined. .....Dozen **$16 00**



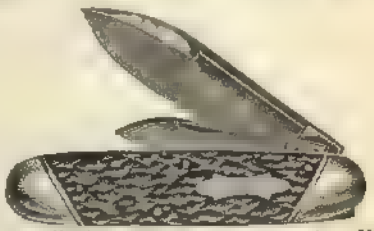
No. R553. 3¼ inch; stag handles; large spear and pen blades; master blade etched; steel cap and bolster; brass lined. .....Dozen **$16 00**

No. R575. 3¼ inch; gold pearl pyremite handle; large clip and pen blades; master blade etched; nickel silver cap and bolster; brass lined. .....Dozen **$16 00**

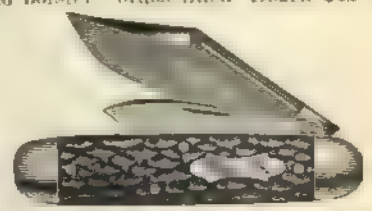
No. R4473. 3¼ inch; stag handle; large clip blade crocus polished and etched; pen blade blue glazed; nickel silver bolster and lining...Dozen **$18 00**



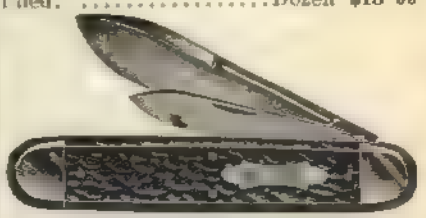
No. R313. 3¾ inch; stag handle; large Turkish sabre and pen blades; nickel silver cap and bolster; brass lined .. .. .Dozen **$23 00**



No. R363. 3¼ inch, stag handle; large spear and pen blades; master blade etched, diagonal nickel silver cap and bolster; brass lined Dozen **$22 00**



No. R333. 3¾ inch; stag handle; clip and pen blades blue glazed; polished steel cap and bolster; brass lined. .....Dozen **$18 00**



No. R1223. 4¼ inch "Jumbo" Jack; stag handle; large spear and pen blades; nickel silver cap and bolster; brass lined. .....Dozen **$24 00**

No. R963. Boy Scout Jack Knife. 3½ inch; stag handle; large sheepfoot and pen blades; master blade crocus polished and etched; brass lined; with shackle for fastening to belt. .....Dozen **$16 00**

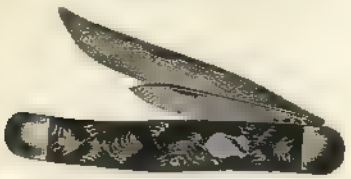
All above half dozen in a package; shipping weight about 2 lbs. per dozen.

POCKET KNIVES

REMINGTON

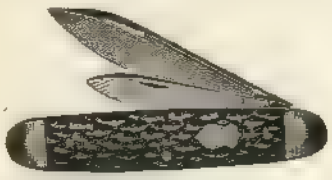
Fully Warranted.

No. R7773. 3⅛ inch; hard fibre stag handle; large spear and pen blades; steel bolsters and lining. Dozen **$9 60**



No. R1825. 3½ inch; pyremite handle; large Turkish and pen blades; nickel silver bolsters and lining. .....Dozen **$18 00**

No. R1823. Same as R1825 except has stag handle. .....Dozen **$16 00**



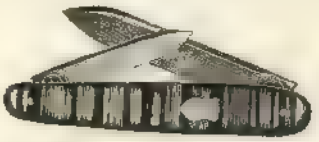
No. R1863. 3⅜ inch; stag handle; spear blade crocus polished and etched; pen blade blue glazed; nickel silver bolster and lining. .....Dozen **$16 00**

No. R6473. 3 inch; stag handle; spear blade crocus polished and etched; nail file; nickel silver bolsters and lining. .....Dozen **$16 00**

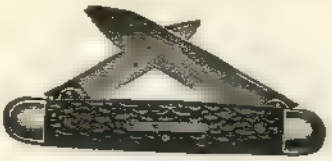
No. R7853. 3 inch; stag handle; spear blade crocus polished and etched; pen blade blue glazed; polished steel bolsters and lining. .....Dozen **$12 00**

No. R6465. 3 inch; pyremite handle; large spear blade crocus polished and etched; pen blade blue glazed; nickel silver bolsters and lining. Doz. **$16 00**

No. R6625. 3⅛ inch; (silver-horn) Pyremite handle; large spear, and pen blades; master blade crocus polished and etched; nickel silver bolsters; brass lined. .....Dozen **$18 00**

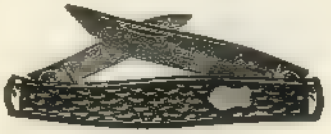


No. R6645. 3⅛ inch; brown agate, Pyremite handle; large spear and pen blades; master blade crocus polished and etched; nickel silver tips; brass lined. .....Dozen **$18 00**



No. R6193. 3¼ inch; stag handle; large spear and pen blades; nickel silver bolsters; brass lined...Dozen **$18 00**

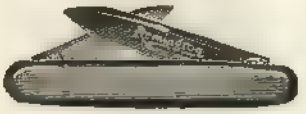
No. R6195. 3¼ inch; pyremite handle; spear blade crocus polished and etched; pen blade blue glazed; nickel silver bolsters, shield and rivets; brass lining. .....Dozen **$20 00**



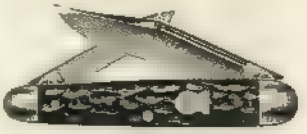
No. R4143. 3¼ inch; stag handle; large Turkish and pen blades; nickel silver tip; brass lined. ..Dozen **$20 00**

No. R4145. Same as R4143 except has pyremite handle. ...Dozen **$22 00**

No. R4144. Same as R4143 except has pearl handle. .....Dozen **$48 00**



No. R6499. 3 inch; nickel silver handle; large spear and pen blades; a neat vest pocket knife. .....Dozen **$16 00**



No. R7423. 3⅛ inch; stag handle; clip blade crocus polished and etched; pen blade blue glazed; nickel silver bolster, shield and lining. ..Dozen **$18 00**

No. R4105. 3⅜ inch; pyremite handle; clip blade crocus polished and etched; spey blade blue glazed; nickel silver bolsters and lining..Dozen **$20 00**

No. R4103. Same as R4105 except has stag handle. .....Dozen **$18 00**

No. R605. 3⅜ inch; pyremite handle; large clip blade crocus polished and etched; pen blade blue glazed; nickel silver bolster and lining. Doz. **$18 00**

No. R603. Same as R605 except has stag handle. .....Dozen **$16 00**

No. R6785—Office Knife. 3⅜ inch; white ivory, pyremite handle; one sharpening and one eraser blade. A thin flat pattern; a splendid knife for light purposes; brass lined. ...Dozen **$16 00**

All above half dozen in a package; shipping weight about 1½ lbs. per dozen.

POCKET KNIVES

REMINGTON

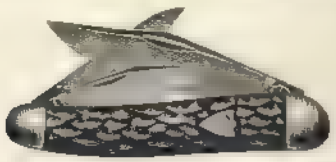
Fully Warranted.

No. R3535. 3⅝ inch; Junior Premium Stock Knife; pyremite handle; clip blade crocus polished and etched; pen blade blue glazed; nickel silver bolsters and lining. ....Dozen $20 00

No. R3533. Same as R3535 except has stag handle. .....Dozen $18 00

No. R7463. 3¼ inch; stag handle; large clip and pen blades; nickel silver caps; brass lined....Dozen $20 00

No. R7465. Same as R7463 except has pyremite handle ...Dozen $22 00

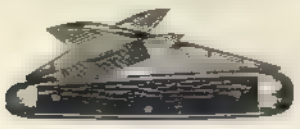


No. R7493. 3⅝ inch; stag handle; large and small clip and pen blades; nickel silver caps; brass lined. .....Dozen $28 00

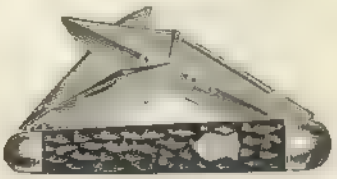
No. R7495. Same as R7493 except has pyremite handle. ...Dozen $28 00

No. 4405. 3⅝ inch; pyremite handle; large clip blade crocus polished and etched; sheepfoot and pen blade, blue glazed; nickel silver bolsters and lining; milled center scale Dozen $24 00

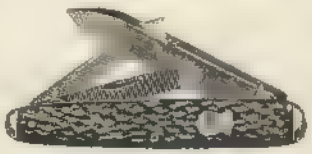
No. R4403. Same as R4405 except has pyremite handle ....Dozen $24 00



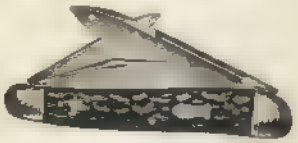
No. R7783. 3⅛ inch; stag handle with steel rim; spear and pen blades blue glazed; nail file; polished steel cap and bolster; steel lining. Dz. $18 00



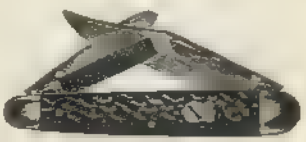
No. R7293. 3½ inch; stag handle; large sabre clip, small clip and pen blades; nickel silver caps; brass lined. .....Dozen $30 00



No. R6653. 3⅛ inch; stag handle; large spear, pen and file blades; master blade crocus polished and etched; nickel silver tips; brass lined...Dozen $27 00



No. R7633. 3⅛ inch; stag handle with steel rim; spear and pen blades blue glazed and etched; nail file; polished steel cap and bolster; steel lining. .....Dozen $30 00



No. R6723. 3⅛ inch; stag handle; heavy clip blade crocus polished and etched; pen blade blue glazed; nail file; nickel silver bolsters and lining. .....Dozen $27 00

No. R6393. 3⅝ inch; stag handle; large sabre clip blade crocus polished and etched; small clip and cutoff pen blades blue glazed; nickel silver bolsters, shield and rivets; milled brass lining. .....Dozen $30 00

No. R6333. 3⅛ inch; stag handle; spear blade crocus polished and etched; pen and nail blades blue glazed, nickel silver bolsters; milled brass lining. .....Dozen $27 00

No. R6223. 3¼ inch; stag handle; large spear, pen and file blades; nickel silver tips; brass lined...Dozen $28 00

No. R6224. Same as R6223 except has pearl handle. . .. .Dozen $54 00

No. R6343. 3½ inch; 3 blades; large and small clip, also pen blades; master blade crocus polished and etched; stag handle; nickel silver bolsters; brass lined. .....Dozen $28 00

No. R7453. 3½ inch; stag handle, large clip blade crocus polished and etched; pen and small clip blades blue glazed; nickel silver bolsters, shield and rivets; brass lining. .....Dozen $28 00

No. R1625. 3⅛ inch; pyremite handle; spear blade crocus polished and etched; small clip blade and pen blades blue glazed; nickel silver bolsters and lining. .....Dozen $24 00

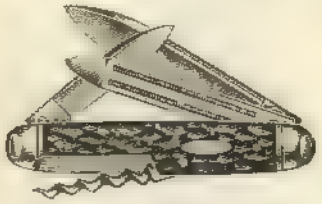
All above half dozen in a package; shipping weight about 1½ lbs. per dozen.

POCKET KNIVES

REMINGTON

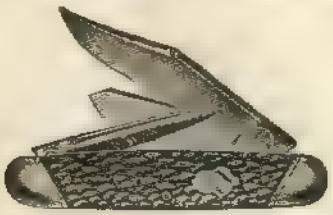
Etched. Fully Warranted.

No. R6233. 3¼ inch; stag handle; large spear, two pen and file blades; master blade crocus polished and etched; nickel silver tips; brass lined. .....Dozen **$30 00**

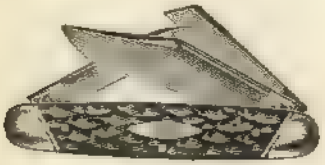


No. R7353. 3⅜ inch; stag handle; combination knife; large spear, pen and file blades, also cork screw; nickel silver caps; brass lined..Dozen **$56 00**

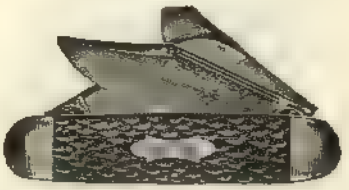
No. R3415. 3⅜ inch; gold pearl, Pyremite handle; large clip, spey and punch blades; master blade crocus polished and etched; nickel silver bolsters; milled brass lining. Dozen **$24 00**



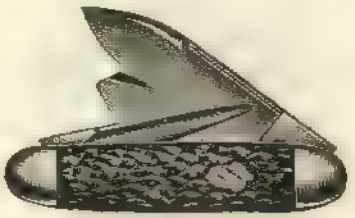
No. R3413. 3⅜ inch; stag handle; large clip, spey and punch blades; nickel silver diagonal bolsters; brass lined. .....Dozen **$24 00**



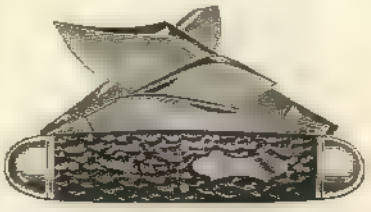
No. R4413... 3⅜ inch; stag handle; large clip, pen and cut-off blades; nickel silver diagonal bolsters; brass lined. .....Dozen **$24 00**



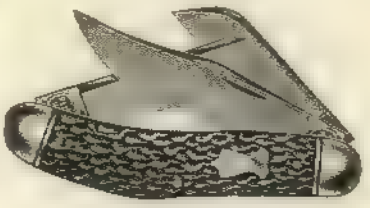
No. R3203. 3½ inch "Cattle knife"; stag handle; large clip, spey and sheep-foot blades; nickel silver bolsters; brass lined. .....Dozen **$24 00**



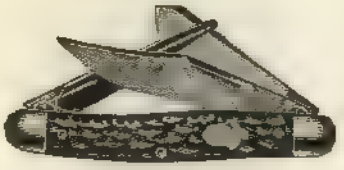
No. R3153. 3½ inch "Cattle knife"; stag handle; with punch; also large spear and spey blades; nickel silver bolsters; brass lined. ...Dozen **$24 00**



No. R3303. 3¾ inch; 4 blades; cattle knife; large clip, sheep-foot, spey and pen blades. A splendid all around general purpose knife; stag handle; master blade crocus polished and etched; nickel silver bolsters; milled brass lining. .....Dozen **$32 00**



No. R4273. 3¾ inch; stag handle; large Turkish clip, spey and sheep-foot blades; nickel silver bolsters; brass lined. .....Dozen **$30 00**



No. R3963. 3⅝ inch; stag handle; clip blade crocus polished and etched; spey blade blue glazed; punch blade blued inside and polished back; nickel silver bolster and lining. Dozen **$24 00**

No. R3965. Same as R3963 except has pyremite handle. ...Dozen **$26 00**

No. R3515. 3⅜ inch; pyremite handle; large clip blade crocus polished and etched; spey blade blue glazed punch blade blued inside and polished back; nickel silver bolsters and lining. .....Dozen **$26 00**

No. R3485. 3⅜ inch; pyremite handle; large clip blade crocus polished and etched; sheepfoot and spey blades both glazed; nickel silver bolsters and lining. .....Dozen **$24 00**

No. R4133. 3¼ inch; stag handle; large Turkish clip, spey and pen blades; nickel silver diagonal bolsters; brass lined. .....Dozen **$24 00**

No. R4135. 3¼ inch; same as R4133 except has pyremite handle. .....Dozen **$24 00**

All above half dozen in a package; shipping weight about 2 lbs. per dozen.

POCKET KNIVES

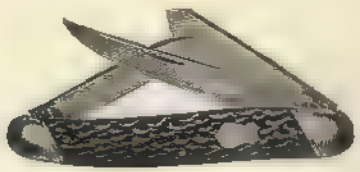
REMINGTON

Etched. Fully Warranted.

No. R3493. 3⅝ inch; stag handle; large clip blade crocus polished and etched; spey and pen blades blue glazed; nickel silver bolsters and lining. .....Dozen $24 00

No. R3973. 3⅝ inch; stag handle; large clip blade crocus polished and etched; pen and spey blades blue glazed; nickel silver bolsters and lining. .....Dozen $24 00

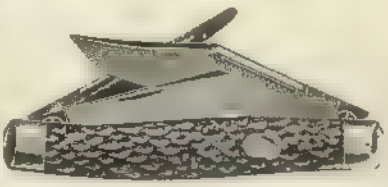
No. R3975 3⅝ in.; same as R3973 except has pyremite handle .Dozen $21 00



No. R4303. 3⅝ inch; stag handle; medium size premium stock knife; large Turkish clip, spey, and pen blades; nickel silver diagonal bolsters and nickel silver lining. Dozen $24 00

No. R3923. 4 inch "Great Western" stock knife; stag handle; large clip, sheep-foot and extra long spey blades; nickel silver bolsters and lining. .....Dozen $32 00

No. R4513. 4 inch "Great Western" stock knife"; stag handle; large Turkish clip, extra long spey and punch blades nickel silver bolsters; brass lined. .... Dozen $32 00

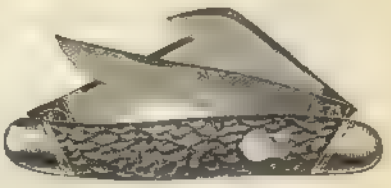


No. R3073. 3⅞ inch; Standard premium stock knife, with punch blade; stag handle; large clip and spey blades crocus polished and etched; nickel silver bolsters; milled brass lining. .....Dozen $30 00

No. R3873. 3⅞ inch; standard premium stock knife; stag handle; master blade crocus polished and etched; nickel silver bolsters; milled brass lining. .....Dozen $27 00

No. R4563. 4⅝ inch; stag handle, "The Master" Premium stock knife largeat knife of this type on the market; large clip, spey and sheep-foot blades; nickel silver bolsters; brass lined. .....Dozen $32 00

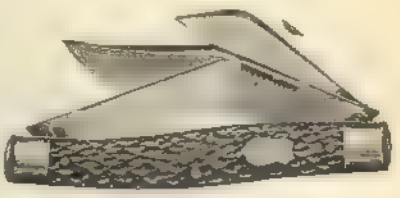
No. R4095. 4 inch round-end stock knife; Pyremite handle; long Turkish clip, spey and punch blades; nickel silver diagonal bolsters; brass lined. .....Dozen $32 00



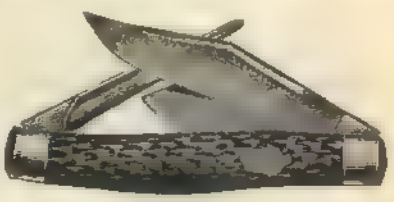
No. R3643. 3⅞ inch; standard premium stock knife; stag handle; has Turkish clip, sheep-foot and spey blades; known as a round end pattern; master blade crocus polished and etched; nickel silver bolsters; milled nickel silver lined. .....Dozen $30 00

No. R3553W. 4 inch; white pyremite handle; large clip, spey and sheep-foot blades; nickel silver bolsters, brass lined. .....Dozen $24 00

No. R3553G. 4 inch; same as No. R3553W except with colored pyremite handle. .....Dozen $24 00



No. R3553. 3⅞ inch; stag handle; large clip blade blue glazed and etched; sheepfoot and spey blades blue glazed; polished steel bolsters; brass lining. .....Dozen $24 00



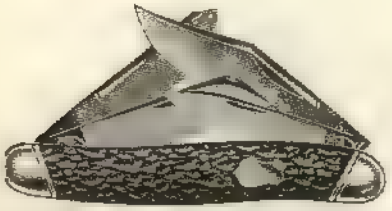
No. R3563. 4 inch; stag handle; large clip, spey and punch blades; nickel silver bolsters; brass lined. .....Dozen $24 00

All above half-dozen in a package; shipping weight 2 lbs. per dozen.

POCKET KNIVES

REMINGTON

Fully Warranted.



No. R3883. 3⅞ inch; 4 blades; premium stock knife; large clip, sheepfoot, spey and pen blades; master blade crocus polished and etched; milled nickel silver bolsters and lining. .....Dozen **$36 00**

No. R3713. Same as No. R3883 except has punch blade in place of sheepfoot. .....Dozen **$36 00**

No. R3143. 4 inch; stag handle; five bladed premium stock knife; large clip, spey, sheep-foot, pen and punch blades; nickel silver bolsters; brass lined. .....Dozen **$42 00**

No. R3499. 3¼ inch. The Sanitary Junior Premium Stock Knife. 3 blades, large clip, spey and pen; solid nickel silver handle and linings. A knife that can be sterilized. .....Dozen **$24 00**

No. R3059. 4 inch. The most practical knife in the world for farmer and cattlemen. Sanitary, can be sterilized; large clip blade, sheepfoot and spey; solid nickel silver handles and linings. .....Dozen **$30 00**

No. R3069. Same as R3059 except has punch blade in place of the sheepfoot. .....Dozen **$30 00**

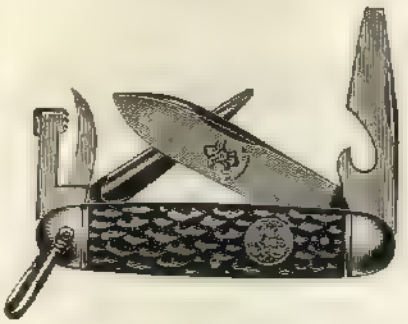
No. R3613. 3⅞ inch; stag handle; large clip blade crocus polished and etched; sheepfoot and pen blades blue glazed; nickel silver bolsters and shield; brass lining and milled center scale. .....Dozen **$28 00**

No. R4613. 3⅝ inch; stag handle; large clip blade crocus polished and etched; sheepfoot and pen blades blue glazed; nickel silver bolsters and lining. .....Dozen **$24 00**

NNo. R4365R. 3⅝ in. red Pyremite handle, four blades, 1 large Turkish clip, etched, 1 spey, 1 pen, all full crocus polished; also 1 punch blade. Nickel silver bolsters, lining, rivets and shield. .....Dozen **$36 00**

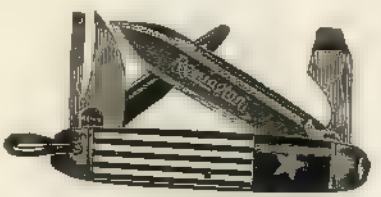
No. R4695R. 4 inch. Red Pyremite handle; same as above except has sheep foot blade in place of pen blade. .....Dozen **$36 00**

OUTING KNIVES



No. RS3333. Official Boy Scout Knife. Regulation size. Combination for outing, camping, etc., 3¾ inch; stag handle; large spear blade crocus polished and etched scout insignia; combination bottle opener and screw driver blue glazed; can opener and punch blue glazed; nickel silver bolsters, shackle and emblem shield; brass lining; milled center scale..Dozen **$28 00**

No. RS4233. Official Boy Scout Junior. Combination. An exact duplicate of RS3333 Scout Knife, excepting size, being some smaller; just the thing for Boy Scouts or Camp-Fire Girls. Size,3⅜ inches...Dozen **$28 00**



No. R4235—Scout Junior. Combination. An exact duplicate of No RS4233 except has Pyremite flag design handle in colors, making it very attractive. Size 3⅜ in. .....Dozen **$28 00**

All above half dozen in a package; shipping weight about 2½ lbs. per dozen.

Enchanting New Banjo Ukuleles

Unexcelled Quality for Professional or Student

Just as it is essential for the master to have a good instrument, so it is essential that the beginner learn on an instrument of high quality. The instruments we illustrate are known for their playability, smooth effortless performance, full rich tone and perfect intonation. All merchandise in the John Plain Book is 100% guaranteed.

A GREAT VALUE—BANJO UKE

Made of heavy 7-inch wood shell and genuine calfskin head. Has 10 nickel plated brackets and heavy nickel top hoop; patent pegs. Is finished in deep maroon, either with or without carved resonator. Bound in celluloid, with "F" holes.

9G70127 With Resonator. PRICE... **$12.50**
9G70128 Without Resonator. PRICE **10.70**
9G70129 Cover for either model **2.85**

SNAPPY TONE BANJO UKE

Here's a new, very snappy tone Banjo Uke that looks as good as it plays. It is made with a 7-inch metal shell with heavy top hoop and 12 brackets. All parts are highly nickel plated. Has dark finished neck, with patent keys. The head is made of selected calfskin.

9G70130 PRICE **$11.85**
9G70131 Case for above. PRICE **2.85**

GENUINE MAHOGANY BIG RESONATOR

This is one of the biggest Banjo Ukulele values ever offered. Made with 7-inch genuine Mahogany shell, fitted with genuine Mahogany neck and fine overlapping resonator. Has 12 nickel plated flat top professional brackets, with fine nickel plated flange. The back edge of resonator and back of heel are bound with white celluloid. Is fitted with correctly designed black finger-board, and has high-grade non-slip patent pegs.

9G70132 PRICE **$17.00**
9G70133 Case for above. PRICE **3.00**

OUR BEST SELLING BANJO UKE

This is one of our best sellers, combining beauty of tone with beauty of appearance. The entire instrument is finished in dull black, with a fine calfskin head decorated with "La Venicia" scene. The top and back edge are bound with white celluloid. Has non-slip patent pegs.

9G70134 PRICE **$10.00**
9G70135 Case for above. PRICE **2.75**

Every instrument is carefully tested and inspected before leaving our hands, assuring perfect adjustment and maximum musical performance. Each instrument is expertly constructed of high quality materials, assuring long life and the best in tone quality.

THE ULTIMATE IN BANJO UKE QUALITY

This is the most attractive Banjo Uke ever designed. It is built for tone and has all the snappiness of a Banjo. It is made with 7-inch shell, equipped with heavy nickel plated rim and 12 professional brackets. A feature is the artistic overlapping tone resonator. The finger-board is correctly adjusted, and is bound with white celluloid

9G70136 PRICE **$21.50**
9G70137 Case for same. PRICE **6.40**

Mandolins, Guitars and Tenor Banjos

STANDARD GUITAR

This is a standard model made of best grade figured birchwood, tan color, polished satin finish. Has close grained spruce top with sound-hole and top edges bound in black. The fingerboard is ebonized, with inlaid pearl position dots. Has nickel plated patent pegs, with ebonized bridge and pins. Is carefully adjusted and inspected. Fine tone quality.

9G70138 PRICE **$13.80**

FLAT MANDOLIN

This fancy model flat back Mandolin is made of well seasoned birchwood with selected spruce top. The back, sides and neck are finished in medium brown; the top is in the natural color. The finish is dull rubbed. Unpolished. Has ebonized finger board, with black celluloid guard plate. A very handsome model with good tone.

9G70139 PRICE **$16.40**

Case for Above

9G70140 PRICE **15.00**

BIG VALUE GUITAR

This big value Guitar is very attractive in its beauty, red mahogany finish. It is bound with white celluloid around the sound-hole, has attractive colored design on top; has ebonized fingerboard; white position dots; metal tail-piece, black patent heads. A super value!

9G70143 PRICE **$10.00**

CONCERT GUITAR

The good mellow tone comes from the correct design and careful finish of this Concert Guitar. The instrument is finished in dull, rich black, with an artistic white spruce top. Is handsomely decorated with Domino design. The oval fingerboard and both edges of body are bound with white celluloid.

9G70141 PRICE..... **$21.40**

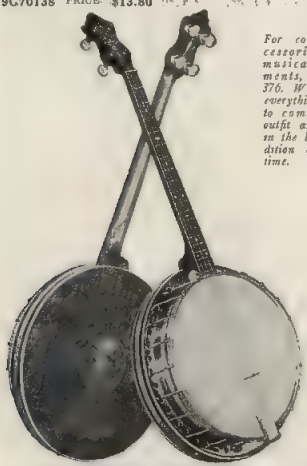
DE LUXE GUITAR

For de luxe tone quality and good finish, many professionals select this model. It is made of selected, figured birchwood, shaded in a rich mahogany finish. The ebonized finger-board has inlaid pearl position dots. Fittings include German Silver frets, nickel plated patent heads, ebonized bridge and pins.

9G70142 PRICE. **$15.00**

For complete accessories for all musical instruments, see Page 376. We can supply everything you need to complete your outfit and keep it in the best of condition all of the time.

You can convert the three guitars 9G70141, 9G70142 and 9G70143 into Hawaiian Guitars by ordering the extension nut 9G70224 shown on Page 376.



BEST TENOR BANJO MADE

We know of no better Tenor Banjo made! This one is made on a 7-ply Walnut shell, bound on the side with embossed band finished in Dutch Silver. Is equipped with excellent calf head, with 20 bracket flange and heavy hoop of embossed brass. A feature is the resonator made of Walnut, 13½ inches in diameter. It is beautifully embossed and decorated. The Walnut neck has an ebonized finger-board, inlaid with pearl dots. Head plate has large pearl ornament. The finest quality is in every part.

9G70146 PRICE..... **$70.00**

GORGEOUS MAPLE TENOR BANJO

This four-string Banjo has an 11-inch solid Maple rim, veneered with Bird's Eye Maple. The neck is of solid Maple, with light Walnut finger-board, German Silver frets and position dots. Head-piece and heel of neck are veneered with Walnut. The head is of genuine calf-skin, fittings include nickel plated top hoop and 16 nickel plated brackets with patent pegs. Splendid tone!

9G70145 PRICE..... **$15.00**

PROFESSIONAL QUALITY TENOR BANJO

A beautiful, professional quality Tenor Banjo. It is 11 inches in diameter made of Bird's Eye Maple, of 7 ply laminated construction. Has black and white bone inlay on side. The Maple neck has an ebonized finger-board, accurately fretted and true in tone. Has pearl dots for position indicators; fitted with 20 professional brackets, "L" hoop, and good quality calf-head. The resonator adds to the tone quality.

9G70144 PRICE. **$27.00**

High Grade Imported 8-Day Mystery Clocks, 400-Day and "Never-Wind" Clocks

The 8-Day Mystery Clocks, having no pendulum springs, are absolutely insensible to atmospheric influence, hence, their accurate time-keeping qualities are unimpaired.

Our 400-Day and "Never-Wind" Clocks are as interesting as mysterious. Here are clocks that run 400 days with one winding. Dependable and accurate in its unfaltering time-keeping performance. And our celebrated "NEVER-WIND" clock is epoch making—a real sensation

These clocks are as decorative as they are practical They suggest themselves as very distinctive and exclusive gift articles, for Weddings, Birthdays, Anniversaries or Holiday Time.

Priced very moderately in this selling

"SALOME" MYSTERY CLOCK

Height 15 inches. Dial 2 inches.

Imitation Bronze Figure, exquisitely modelled with Swinging 8-Day Time Clock, in rich and attractive lasting gilt finish. Faultless workmanship and finish. Gratefully acceptable as a gift for any occasion

No. 3143 Each $25 00

"ELEPHANT" MYSTERY CLOCK

An ideal clock for the sideboard or mantel. Animal designs are especially popular, particularly the Elephant design portrayed above.

Height 14 inches. Dial 2 inches

Imitation bronze figure with swinging 8-day Time Clock, in rich and attractive lasting gilt finish. Excellent workmanship and finish. Is a boon companion to the low price prevailing in this selling.

No. 3141 Each $27 00

"GAMIN" MYSTERY CLOCK

Height 16 inches. Dial 2 inches

A very popular and pleasing model which makes a splendid gift article. Immensely enhances surrounding in the home. Imitation bronze figure, masterly modelled with Swinging 8-day Time Clock in rich and attractive lasting gilt finish, serviceable and dependable.

No. 3144 Each $32 00

IMPORTED 400 DAY CLOCK

Colored Green Enamel Dial, Stand and Pendulum

Think of having a clock that runs 400 days at one winding—longer than a year. It is a clock of unusual interest. Requires practically no attention whatsoever. Merely to wind up once a year. Both movement and dial are of the finest quality, the movement being 8-inch dial, pretty Gothic and stately. Gilt Numerals and Spots. Fitted with the imported Pocket Jeweled movement, and possessing all of the fine qualities of the pocket watch movement are these. The case is made in green enamel finish, with gilt trimmings, and the whole forms a handsome ornament for any mantel, sideboard or desk. Height 14½ inches. Base of brass 7½ inches

No. 3145 Each $34 00

NEVER-WIND CLOCK

The Cure For Clock Troubles

Tireless time keeping without tiresome winding. This sensational clock is never wound. Without outside aid it runs from year's end to year's end as faithfully as the sun rises. The motive power is furnished by a powerful little electric dry-cell battery hidden in the base. Each battery is guaranteed for one year and usually lasts longer. It is a standard size and can be replaced by anyone. Money could not make a better clock. A fine ornament of great beauty. The frame is jeweled with genuine rubies. Never Wind Clock is the name of the base. Nothing to be placed on it. Only a new battery as easily as you do in the pocket flashlight. It is a clock of marvelous timekeeping accuracy. It would make a most delightful wedding or anniversary gift.

No. 3V1100 8-inch porcelain dial Each $36.40

No. 3V2000 9½-inch porcelain dial Each 42.00

IMPORTED 400 DAY CLOCK

Silver Dial

Another very attractive 400 day Clock. A clock which performs day in and day out throughout the entire year and only requires winding but once. Will keep the most correct time always. Indispensable to those to get out of order. Has 8-inch polished brass movement and case. Movement is nickel-plated. Pocket make adjusted movement—the same make movement which our high grade imported chime clocks are fitted with. 4-inch Silver Dial. Glass Globe. Height 15¾ inches. Base 7½ inches. Attractively priced.

No. 3145 Each $30.00

New Imported Trinity and Westminster Chime Clocks

Trinity and Westminster Chimes Combined in the same Clock. The added Trinity Chime is played on six rods; Westminster Chime is played on four rods. Heretofore, the double chimes were obtainable only in Hall Clocks. Scarcely without any additional cost, you can purchase a Tambour shape mantel clock with two CHIMES—a feature which every chime lover will appreciate.

HIGH GRADE MOVEMENT OF IMPROVED DESIGN

Solid cut steel pinions, removable barrels, 8-day, 3-train, 4/4, Westminster Chime, Self-adjusting mechanism
Solid Brass plates, 4¾x5¾ inches Cut Satin Finish
Removable Dial and Front Sash
All the Chiming and Strike Mechanism is on Front Plate and Clock can be Adjusted without removing movement from cabinet
All parts Interchangeable

A TRADITIONAL WEDDING GIFT

PRACTICAL GIFTS THAT BRING HAPPINESS

2 CHIMES
WESTMINSTER AND TRINITY
On Six Rods Hour Chord Strike.
Genuine Mahogany Case.

Height 10 inches. Width 20 inches
Richly engraved Silver-Plated, 6¼ inch Dial Raised Bronze Numerals. Brass Bezel. Beveled Glass Removable Dial and Front Sash
8-Day Full Quarter-Hour Chime Movement
A Masterpiece in clock manufacture. A greatly appreciated Gift
No. 3138 Each..... **$98.00**

2 CHIMES
WESTMINSTER AND TRINITY
On Six Rods Hour Chord Strike
Genuine Mahogany Case

Height 9¾ inches Width 18½ inches
Highest quality Silver Plated 5¾ inch Dial. Raised Bronze Numerals. Brass Bezel. Beveled Glass. Removable Dial and Front Sash
8 Day Full Quarter Hour Chime Movement
Rich in simplicity Unfaltering and unfailing in its dependable timekeeping performance
No. 3139 Each **$102.00**

2 CHIMES
WESTMINSTER AND TRINITY
On Six Rods Hour Chord Strike
Genuine Mahogany Case

Height 9¾ inches Width 18½ inches.
Highest quality Silver-Plated 5¾ inch Dial Raised Bronze Numerals. Brass Bezel. Beveled Glass. Removable Dial and Front Sash.
8-Day Full Quarter-Hour Chime Movement
An exquisite design of finest workmanship and finish
No. 3140 Each **$104.00**

The clock cabinets are made of real mahogany, thoroughly seasoned: Best cabinet work.

Brown mahogany tone, dull rubbed finish.

2 CHIMES
WESTMINSTER AND TRINITY
On Six Rods Hour Chord Strike
Genuine Mahogany Case

Height 9¾ inches. Width 20 inches
Highest quality Silver-Plated Oval 7x6 inch dial Raised Bronze Numerals. Brass Bezel. Beveled Glass. Removable Dial and Front Sash
8-Day Full Quarter-Hour Chime Movement
A very exclusive and unusually distinctive design of finest construction
No. 3141 Each **$110.00**

Each clock fitted with set of 5 rod gongs of special quality.

Hour chord strike of 3 notes, or single note strike if desired.

Chime—Silence lever and F-S regulator on dial.

Westminster-Trinity Shiftlever on Dial.

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WRENCHES

MIDGET WRENCH SETS

An assortment of Midget "Superrenches" for those troublesome little jobs where a man needs a small tool that's a help—not a hindrance.

Midget "Superrenches" are extremely light and thin, yet amazingly strong for their size. Both openings in each wrench are the same, but at different angles (15 degrees and 75 degrees)—where one head can not operate, the other will. On Automotive Electrical Work (Magnetos, Timers, Generators, Wiring Connections, etc.); Carburetors, Radios and all delicate adjustments, or in the closest of close quarters, a Midget "Superrench" Set is invaluable.

Genuine "Superrenches," forged from Chrome-Molybdenum steel, heat-treated and Chrome-Finished, with heads buffed bright.

Every "Superrench" is Guaranteed Against Breakage.

No.	Openings Milled	Extreme Length	Thickness Heads
1114	5/32 & 3/16	3	1/8
1116	1/4 & 1/4	3	1/8
1120	5/16 & 5/16	3 1/8	1/8
1122	11/32 & 11/32	3 1/8	1/8
1124	3/8 & 3/8	3 1/8	1/8
1128	7/16 & 7/16	4 1/8	5/32
1132	1/2 & 1/2	4 1/8	5/32

NO.		SET
1120	With leatherette roll	$7.80

Williams' Midget "Superrenches"
(Chrome-Molybdenum)

A combination of Williams' Midget "Superrenches" and "Husky" Socket Wrenches providing a handful of helfulness on electrical jobs, unequalled in cramped quarters and for delicate adjustments. The only assortment of Open-end and Socket Wrenches in midget size for such service. Electricians, mechanics, motorists and radio fans need this convenient set.

Midget "Superrenches" are extremely light and thin, yet amazingly strong. Each wrench has two openings of the same size—but at different angles (15 and 75 degrees). Where one head can't operate, the other will.

No.	Openings Milled	Extreme Length	Thickness Heads
1114	5/32 & 3/16	3	1/8
1116	1/4 & 1/4	3	1/8
1120	5/16 & 5/16	3 1/8	1/8
1122	11/32 & 11/32	3 1/8	1/8
1124	3/8 & 3/8	3 1/8	1/8
1128	7/16 & 7/16	4 1/8	5/32
1132	1/2 & 1/2	4 1/8	5/32

Genuine "Superrenches," forged from Chrome-Molybdenum steel, heat-treated, Chrome-Finished, heads bright

"Husky" Socket Wrenches

No. L-2 Combination Tee, 5 in. long.

No. L-147 Handy Grip, 4½ in. long.

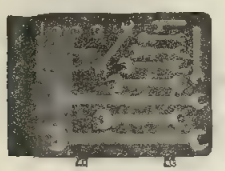
8 Hex Sockets, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16 and 5/8 inch.

'Husky" Sockets are made from high grade steel, heat-treated to insure uniformity. Full bright nickel finish.

Set comes packed in compact metal box, size 5½x2¾x1.

NO.	Lbs.	SET
267	1½	$13.15

"SUPERRENCH" SET



For Brake Adjustment
(Chrome-Molybdenum)

After a careful and complete survey of all popular makes of cars, including 1929 models, this set of ten Open End and four Socket Wrenches has been designed.

Various shapes and openings are required in the adjustment of Lockheed Hydraulic, and Bendix, Steeldraulic, or other mechanical brakes and the service mechanic will appreciate this set of tools as one that can be relied upon for accuracy, strength and ease of operation.

Wrenches in "Superrench" Brake Adjustment Set No. 1950 are drop-forged from chrome-molybdenum steel, heat-treated and chrome-finished, and like the entire Williams "Superrench" line are guaranteed for life against breakage.

Socket Wrenches

Including Driver, Detachable Handle and Interchangeable Special Sockets.

NO.	Wrenches	EACH
1982	Driver, ½ sq. x 5¾	$1.35
1982T	Detachable Handle, 7/16 rd. x 5¾	.35
1982A	Socket, opening 7/16 across flats	1.40
1982B	" " 9/16 " "	1.55
1982C	" " 11/16 " "	1.70
1982D	Extension, opening 7/16 hex	2.00

Open End Wrenches

1 Each Size Number	Openings Milled	Extreme Length	Thickness Heads	EACH
1721BR	1/4 & 7/16	4 1/2	3/32	$0.80
1725	7/16 & 1/2	5 1/2	1/16	1.16
1727	9/16 & 5/8	6 1/2	3/16	1.40
1029	11/16 & 3/4	7 1/2	7/32	1.71
1731	7/8 & 15/16	9 1/2	1/4	2.35
1731BR	7/8 & 7/8	15	1/4	4.63
1735BR	1 & 1 1/8	16	1/4	6.18
1504	7/16	5 1/2	1/8	1.25
1985	5/8	3 1/2	7/32	1.10
1990	5/8 & 3/4	6 1/2	3/16	1.80

Sixteen pieces in leatherette roll.

NO.		SET
1950		$33.16

WILLIAMS WRENCH SETS

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Chrome Molybdenum Finished

SILENT SALESMAN STYLE MH

M. H.

MH

Automotive Assortment—Chrome Molybdenum

Engines wrenches, 15 degree angle; double head.

3 Each No.	Opening Milled	S.A.E. Std. Nuts and Cap Screw	U.S.S Nuts Size Bolt	Hex Hd Cap Screw Diam.	Full Lgth	Head Thckns.
1023	7/32 - 1/2	1/16	5/16 - 1/4	1/4	4 3/4	7/32
1725	1/4 - 1/2	1/2 - 1/2	1/4	1/4 - 1/2	5 1/2	1/4
1725B	1/2 - 1/2	5/8 - 3/8	1/4	1/2 - 5/8	5 1/2	1/4
1025	1/2 - 11/16	1/2	1/4 - 1/2	1/2	5 1/2	1/4
1727	1/2 - 5/8	5/8 - 1/2	--	5/8 - 1/2	6 1/2	5/16
1027	11/16 - 3/4	--	1/2 - 5/8	--	6 1/2	5/16
1029	3/4 - 13/16	----	5/8 - 1/2	--	7 3/4	1/4
1731A	3/4 - 7/8	1/2 - 5/8	1/2	1/2 - 5/8	9 1/4	5/8

Tappet wrenches, 15 degree angle; double head.

3 Each No.	Opening Milled	S.A.E Std. Nuts and Cap Screw	U.S.S Nuts Size Bolt	Hex. Hd Cap Screw Diam	Full Lgth.	Head Thckns
1090D	1/2 - 9/16	7/16 - 5/8	1/4	----	8	5/32
1092F	5/8 - 11/16	9/16	5/8	----	8	1/16
1094	3/4 - 7/8	1/2 - 9/16	1/2	----	9	3/32
1096	15/16 - 1	5/8 - 11/16	----	----	9	3/32

NO.	lb Asst.	ASSORTMENT
MH	----	$64.89

SUPER WRENCH SETS

Standard Automotive Set—Chrome Molybdenum Steel

Twelve different openings, 3/8 to 1-in.—No duplicates.

No	Opening Milled	S A E S. Nuts and Cap Screw	U.S.S. Nuts Size Bolt	Hex. Hd Cap Screw Diam.	Full Lgth.	Head Thckns
1723	5/8 - 7/16	3/4	----	7/16 - 1/4	4 1/4	1/32
1025	1/2 - 11/16	7/16	1/4 - 7/16	7/16	5 1/2	1/16
1027C	7/16 - 11/16	5/8	9/16	5/8	6 1/2	1/16
1028S	5/8 - 13/16	7/16	7/16	7/16	7 3/4	7/16
1731A	3/4 - 7/8	1/2 - 5/8	1/2	1/2 - 5/8	9 1/4	5/8
1038C	13/16 - 1	5/8 - 11/16	----	3/4	10 3/4	7/16

NO.	lb Set	SET
1025	4 1/2	$10.60

SUPER WRENCH SETS

Tappet Sets

This set of 2 each of 3 sizes of wrenches covers every tappet size from 3/8 to 3/4-in. Finish, nickel plated highly polished jaws.

Chrome Molybdenum Steel

No.	Opening Milled	S.A.E. Std. Nuts and Cap Screws	U.S.S Nuts Size Bolt	Full Lgth.	Head Thckns.
1090D	1/2 - 9/16	7/16 - 5/8	1/4	8	5/32
1092F	5/8 - 11/16	9/16	5/8	8	1/16
1094	3/4 - 7/8	1/2 - 9/16	1/2	9	3/32

NO.	lb Set	SET
1063	1 1/4	$15.40

SUPER WRENCH SETS

Obstruction Pattern—Chrome Molybdenum Steel

Ten different openings, 3/8 to 3/4-in.—no duplicates.

No.	Opening Milled	S.A.E. Std. Nuts and Cap Screw	U.S.S Nuts Size Bolt	Hex Hd Cap Screw Diam	Full Lgth.	Head Thckns.
2723	5/8 - 11/16	1/2	----	7/16 - 1/4	4 1/4	1/32
2025	1/2 - 9/16	7/16	1/4 - 7/16	7/16	5 1/2	1/16
2027C	7/16 - 11/16	5/8	5/8	5/8	6 1/2	1/16
2028S	5/8 - 13/16	7/16	7/16	7/16	7 3/4	7/16
2731A	3/4 - 7/8	1/2 - 5/8	1/2	1/2 - 5/8	9 1/4	5/8

NO.	lb Set	SET
2040	4 1/2	$8.25

L WILLIAMS WRENCH SETS

Automobile Sets—S. A. E.

15-Degree Angle Carbon Steel

NO.	Openings Milled	S.A.E. Nuts & Cap Screws	U. S. Std. Nuts	U. S. Std. Cap Screws	Full Lgth	Thickness Heads
725	7-16, 1-2	1-4, 5-16	..., 1-4	1-4, 5-16	4⅝	9-32
727	9-16, 5-8	3-8, 7-16	..., ...	3-8, 7-16	5⅝	5-16
731A	3-4, 7-8	1-2, 9-16	..., 1-2	1-2, 5-8	7⅝	13-32
33C	15-16, 1	5-8, 11-16	..., ...	..., 3-4	8⅝	7-16
37	1 1-16, 1¼	3-4, 7-8	5-8, 3-4	..., 1	11⅛	9-16

NO		lb Set	SET
5S	Finished	4	$6.04

Garage Sets—Big Ten

15-Degree Angle Carbon Steel

NO.	Openings Milled	S. A. E. Nuts & Cap Screws	U. S. Std. Nuts	U. S. Std Cap Screws	Full Lgth.	Thickness Head
721	5-16, 3-8	..., ...	1-8, ...	1-8, 3-16	3⅛	3-16
24	13-32, 1-2	..., 5-16	5-16, 1-4	..., 5-16	4	1 4
725A	7-16, 9-16	1-4, 3-8	..., ...	1-4, 3-8	4⅝	9-32
27	19-32, 11-16	..., ...	5-16, 3-8	..., ...	5⅛	5-16
729	5-8, 3-4	7-16, 1 2	..., ...	7-16, 1-2	6⅛	11-32
731B	13-16, 7-8	..., 9-16	..., 1 2	9-16, 5-8	7⅛	13-32
32	25-32, 31-32	..., ...	7-16, 9-16	..., ...	8⅜	7-16
33C	15-16, 1	5-8, 11-16	..., ...	..., 3-4	8⅜	7-16
737	1⅛, 1¼	..., 7-8	3-4	7-8, 1	11⅜	9-16
38	1 1 16, 1 7 16	3-4, 1	5-8, 7-8	..., ...	13½	21-32

NO.		lb Set	SET
10S	Finished	8½	$12.19

Extra Capacity Sets—Big Six

15-Degree Angle Carbon Steel

NO.	Openings Milled	U. S. Std. Nuts	U. S. Std. Cap Screws	S. A. E. Cap Screws and Nuts	Full Lgth.	Thickness Head
725	7-16, 1-2	..., 1-4	1-4, 5-16	1-4, 5-16	4⅝	9-32
27C	9-16, 11-16	..., 3-8	3-8, ...	3-8, ...	5⅝	5-16
29	19 32, 25-32	5-16, 7-16	..., ...	..., ...	6⅛	11-32
729	5-8, 3-4	..., ...	7-16, 1-2	7-16, 1-2	6⅛	11-32
34	7-8, 1 16	1 2, 5-8	5-8, ..	9 16, 3-4	9¾	1 2
780	1, 1 1-4	..., 3-4	3-4, 1	11-16, 7-8	11⅛	9-16

NO.		Wt. Set	SET
AEF	Finished	5 lb.	$6.88

Ford Set, Model 3

15-Degree Angle Carbon Steel

NO.	Openings Milled	S.A.E. Std. Nuts and Cap Scrs.	U. S. Std. Nuts	U. S. Cap Scrs.	Full Lgth.	Thickness Heads
25	11 16, 25-32	. . ..	3 8, 7 16	. ..	6⅞	11 32
33A	7-8, 15-16	9-1, 5-8	1-2,	.....	8¾	7 16
723	3-8, 7-16	... 1-4	.....	3-16, 1-4	4	1 4
725B	1-2, 9-16	5-16, 3-8	1-4	5-16, 3-8	4⅝	9-32
729	5-8, 3 4	7 16, 1-2	. ...	7-16, 1 2	6⅛	11 32
696	5-8, 11-16	7-16, ..	 3-8	7-16 ...	8¾	5-16

NO.		Wt. Set	SET
C	Finished	2⅜ lb. ..	$5.46

WILLIAMS WRENCHES

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Super Pattern—Chrome Molybdenum

Engineers Super Wrenches are made of Chrome-Molybdenum Steel. This wrench will strip the thread of any nut or break the bolt before spreading the jaws. Furthermore they will not break. Any wrench returned to us that will not meet this claim will be immediately replaced.

FOR LIGHT HEXAGON HEAD CAP SCREWS

Double End—15-Degree Angle—Chrome-Molybdenum

Chrome-Molybdenum NO.	EACH	Std. U.S.S. Cap Screws Diameter In.	S.A.E. Std. Cap Screws & Nuts Diameter In.	Size Openings In.	Full Lgth. In.	Thickness of Head In.	lb Each
1722	$0.80	1/8 — 3/4	1/8 — 1/4	1/8 — 3/16	4 1/16	1/4	1/8
1723	.80	1/8 — 3/4	1/4 — 1/4	3/16 — 1/4	4 1/4	1/4	1/8
1723A	.96	1/8 — 1/8	---- — 1/8	3/16 — 1/8	4 3/4	1/32	1/4
1725	1.16	1/8 — 1/8	---- — 1/8	3/16 — 1/2	4	1/4	1/8
1725A	1.16	1/4 — 3/8	1/4 — 3/8	7/16 — 7/16	4 1/8	1/32	1/4
1725B	1.16	1/8 — 3/8	1/8 — 3/8	1/2 — 7/16	4 1/8	1/32	1/4
1726	1.40	1/8 — 1/8	1/4 — 1/8	1/2 — 5/8	5 1/8	1/32	1/2
1727	1.40	3/8 — 1/8	3/8 — 1/8	7/16 — 5/8	5 1/8	1/32	1/2
1728	1.74	3/8 — 1/2	3/8 — 1/2	7/16 — 3/4	6 1/8	1/32	1/2
1729	1.74	1/8 — 1/2	1/4 — 1/2	5/8 — 3/4	6 1/8	1/32	1/2
1731	2.35	1/2 — 1/8	1/2 — ----	3/4 — 1/8	7 1/8	1/32	3/4
1731A	2.35	1/2 — 5/8	1/2 — 5/16	3/4 — 7/8	7 1/8	1/32	7/8
1733	3.15	5/8 — 3/4	1/4 — ----	7/8 — 1	8 3/4	1/16	1
1734	3.15	5/8 — 7/8	1/8 — ----	7/8 — 1 1/8	10 3/4	1/16	1 1/4
1735	4.40	3/4 — 7/8	3/4 — ----	1 — 1 1/8	9 3/4	1/2	1 1/4

All Nos. packed six in a box.

FOR U. S. STANDARD NUTS AND S. A. E. CAP SCREWS AND NUTS

Double End—15-Degree Angle—Chrome-Molybdenum

Chrome-Molybdenum NO.	EACH	U. S. Std. Nuts Bolt Size In.	S.A.E. Standard Cap Screw & Nut Diameter In.	Size of Openings In.	Full Lgth. In	Thickness of Head In	lb Each
1021	$0.80	1/8 — 5/16	---- — ----	5/16 — 11/32	4 1/2	1/32	1/8
1023	.96	5/16 — 1/2	---- — 5/16	11/32 — 1/2	4	1/4	1/8
1025	1.16	1/4 — 1/8	---- — ----	1/2 — 19/32	4 7/8	5/32	1/4
1026	1.40	1/4 — 3/8	1/4 — ----	1/2 — 19/32	5 7/8	5/32	1/4
1027	1.40	1/8 — 3/8	---- — ----	19/32 — 11/16	5 7/8	5/16	3/8
1027C	1.40	— 3/8	3/8 — ----	1/2 — 11/16	5 7/8	5/16	1/4
1028S	1.74	— 1/2	1/2 — ----	5/8 — 13/16	7 1/8	1/8	3/4
1028	1.74	1/8 — 1/2	1/2 — ----	5/8 — 13/16	7 1/8	1/8	1/2
1029	1.74	5/8 — 1/2	---- — ----	13/16 — 15/16	6 7/8	11/32	1/2
1030	1.74	3/8 — 1/2	---- — 3/8	11/16 — 15/16	6 3/8	11/32	1/2
1031	2.35	1/2 — 1/8	---- — 1/8	13/16 — 7/8	7 7/8	11/32	3/4
1032	2.35	1/2 — 1/2	---- — ----	13/16 — 15/16	8 3/4	1/8	3/4
1033	2.35	1/2 — 5/8	1/2 — ----	7/8 — 15/16	8 3/4	1/8	3/4
1033A	2.35	5/8 — ----	1/2 — 5/8	7/8 — 1 1/8	9 1/4	5/8	7/8
1033C	3.15	---- — ----	5/8 — 1/8	1 1/16 — 1	8 3/4	1/16	1
1034	3.15	1/8 — 5/8	1/8 — ----	7/8 — 1 1/16	9 3/4	1/4	1 1/4
1035	3.15	1/8 — 5/8	---- — 3/4	1 1/16 — 1 1/16	9 3/4	1/2	1 1/4

Six to a box; larger, as wanted.

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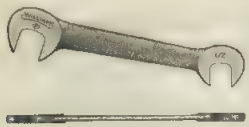
WILLIAMS WRENCHES



Obstruction Pattern—Chrome Molybdenum

Obstruction pattern wrenches will reach many nuts in awkward places. Its narrow pointed jaws and thin heads with 75 degree angle of openings are especially designed for just such jobs. The wrenches are heat treated and chrome finished heads, buffed bright.

For U.S.S. Nuts, Hexagon Head Cap Screws and S.A.E. Cap Screws and Nuts

NO	Each	U. S. S. Nuts Diam.	Hex. Head Cap Screws Diam.	S.A.E. Std. Nuts and Cap Screws	Size of Opening	Full Lgth	Thickness of Head
2721	$0.80	1/8	1/8 — 1/4	-	7/16 — 9/16	4 1/4	1/2
2021	.80	1/8 — 1/8	1/8	....	1/4 - 1/2	4 1/4	1/2
2722	.80	1/8	1/8 — 1/4	1/4	7/16 — 1/2	4 1/4	1/2
2723	.80	....	1/4 — 1/4	1/4	9/16 — 7/8	4 1/4	1/2
*2022	.96	1/4 — 1/4	1/8 - 1/4	1/4	1/2 — 1/2	4 3/4	3/8
2023	.96	1/4 1/4	1/4	1/4	1/2 — 1/2	4 3/4	3/8
2723A	96	1/4	1/4 — 1/4	5/16	9/16 — 1/2	4 3/4	3/8
*2024	1.16	1/4 — 1/4	..	-	1/2 — 1/2	5 1/2	1/2
2725	1.16	1/4	1/4 — 5/16	1/4 — 5/16	7/16 — 1/2	5 1/2	1/2
2725A	1.16	-	1/4 — 3/8	1/4 - 3/8	7/16 — 5/8	5 1/2	1/2
2725B	1.16	1/4	5/16 — 3/8	5/16 - 3/8	1/2 — 5/8	5 1/2	1/2
2025	1.16	1/4 — 5/16	5/16	5/16	1/2 — 9/16	5 1/2	1/2
2726	1.40	1/4	5/16 - 7/16	5/16 — 3/8	1/2 — 5/8	6 1/2	5/8
2026	1 40	1/4 — 3/8	5/16	5/16	1/2 — 11/16	6 1/2	5/8
2727	1 40	....	3/8 - 7/16	5/8 — 7/16	5/8 — 5/8	6 1/2	5/8
2027	1.40	1/16 — 3/8	....	....	1/2 — 11/16	6 1/2	5/8
2027C	1 40	5/8	3/8	5/8	5/8 — 11/16	6 1/2	5/8
2728	1.74	....	3/8 — 1/2	3/8 — 1/2	5/8 — 3/4	7 3/4	7/8
2028	1.74	1/2 - 7/8	..	..	1/2 — 13/16	7 3/4	7/8
2028S	1 74	1/8	1/8	1/2	5/8 — 29/32	7 3/4	7/8
2729	1.74	....	1/8 — 1/2	1/2 — 1/2	5/8 — 3/4	7 3/4	7/8
2029	1.74	5/8 — 7/8	....	....	11/16 — 25/32	7 3/4	7/8
2030	1.74	5/8 — 1/2	5/8	7/8	11/16 — 7/8	7 3/4	7/8
2731	2.35	-	1/2 — 5/8	1/2	3/4 — 13/16	9 1/4	5/8
2731A	2 35	1/2	1/2 5/8	1/2 — 5/8	3/4 — 7/8	9 1/4	5/8
2031	2 35	7/8 — 1/2	5/8	7/8	13/16 — 7/8	9 1/4	5/8
*2731B	2.35	1/2	7/8 — 5/8	1/8	13/16 — 7/8	9 1/4	5/8
2032	2.35	7/8 — 5/8	.. -		29/32 — 29/32	9 1/4	5/8
2033A	2.35	1/2	5/8	5/8 5/8	7/8 — 15/16	9 1/4	5/8
2033	2.35	1/2 — 5/8	5/8	7/8	7/8 — 31/32	9 1/4	5/8

*Factory shipment only.

WILLIAMS MIDGET "SUPERWRENCHES"

Midget "Superrenches" are extremely light and thin, yet amazingly strong for their size. Both openings in each wrench are the same size, but at different angles (15° and 75°)—where one head can not operate, the other will. On auto-electrical work (magnetos, timers, generators, wiring connections, etc.); and carburetors, radios—in fact, for all delicate adjustments, or in the closest of close quarters, this Midget "Superrench" Set is invaluable.

Genuine "Superrenches," forged from chrome-molybdenum steel, heat-treated and chrome-finished, with heads buffed bright

Every "Superrench" is guaranteed against breakage.

NO	EACH	Milled	Openings Lgth In.	Extreme Heads In
1114	$0.90	5/16 & 11/32	3	1/4
1116	90	1/4 & 7/32	3	1/4
1120	1 00	11/32 & 3/8	3 1/2	1/8
1122	1.00	11/32 & 13/32	3 1/2	1/8
124	1.00	3/8 & 7/16	3 1/2	1/8
1128	1.15	7/16 & 15/32	4 1/2	1/4
1132	1 15	1/2 & 17/32	4 1/2	1/4

WILLIAMS WRENCHES

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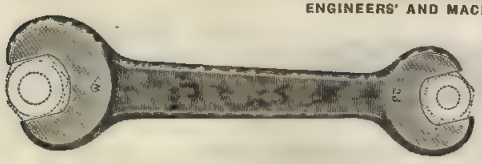
ENGINEERS' AND MACHINISTS'



Finish Specifications

Finished Wrenches—Forgings are milled, casehardened, black lacquered, and have heads ground bright carbon steel.

FOR LIGHT HEXAGON HEAD CAP SCREWS

Double End—15-Degree Angle—Carbon Steel

Finished No.	EACH	Std. U.S.S. Cap Screws Diameter In.	S.A.E. Std. Cap Screws & Nuts Diameter In.	Size Openings In.	Full Lgth In.	Tickness of Head In.	lb Each
721	$0.34	1/4 — 5/16	———	7/16 — 1/2	3 1/2	3/16	5/16
722	.42	5/16 — 3/8	———	1/2 — 9/16	4	7/32	7/16
723	.42	3/8 — 1/2	1/4 — 5/16	9/16 — 5/8	4	1/4	7/16
723A	.42	7/16 — 1/2	5/16 — 3/8	5/8 — 11/16	4	1/4	7/16
725	.50	1/2 — 5/8	7/16 — 1/2	3/4 — 13/16	4 1/8	9/32	9/16
725A	.50	5/8 — 3/4	——— 5/8	7/8 — 15/16	4	1/4	7/16
725B	.50	5/8 — 3/4	1/2 — 5/8	15/16 — 1	4 1/8	9/32	9/16
726	.62	3/4 — 7/8	5/8 — 3/4	1 1/16 — 1 1/8	4 7/8	9/32	9/16
727	.62	7/8 — 1	3/4 — 7/8	1 1/8 — 1 1/4	5 1/8	5/16	11/16
728	.74	7/8 — 1 1/8	7/8 — 1	1 1/4 — 1 3/8	5 1/8	11/32	3/4
729	.74	1 1/8 — 1 1/4	1 — 1 1/8	1 3/8 — 1 1/2	6 1/8	11/32	13/16
730	.90	1 1/4 — 1 3/8	1 1/8 — ———	1 1/2 — 1 5/8	6 1/8	13/32	7/8
731	.90	1 3/8 — 1 1/2	1 1/4 — ———	1 5/8 — 1 3/4	7 1/8	13/32	15/16
731A	.90	1 3/8 — 1 5/8	1 1/4 — 1 3/8	1 3/4 — 1 7/8	7 1/8	13/32	15/16
733	1.10	1 5/8 — 1 3/4	1 3/8 — ———	1 7/8 — 2	8 3/4	7/16	1
735	1.36	1 3/4 — 1 7/8	1 3/4 — ———	2 — 2 1/16	9 3/4	1/2	1 1/4
736	1.92	1 3/4 — 2	1 3/4 — ———	2 — 2 1/16	11 5/8	7/16	1 3/4
737	1.92	1 7/8 — 2	——— — 1 7/8	2 1/16 — 2 1/16	11 5/8	7/16	1 3/4

All Nos. packed six in a box.

FOR U. S. STANDARD NUTS AND S.A.E. CAP SCREWS AND NUTS

Double End—15-Degree Angle—Carbon Steel

Finished No.	EACH	U. S. Std. Nuts Bolt Size In.	S.A.E. Standard Cap Screw & Nut Diameter In.	Size of Openings In.	Full Lgth In.	Thickness of Head In.	lb Each
21	$0.34	1/8 — 7/16	———	7/16 — 31/64	3 1/2	3/16	1/4
23	.42	7/16 — 1/4	——— 7/16	31/64 — 1/2	4	1/4	7/16
25	.50	1/4 — 7/16	1/8 — ———	1/2 — 33/64	4 1/8	9/32	1/4
26	.62	1/4 — 5/16	7/16 — ———	1/2 — 17/32	5 1/8	5/16	1/4
27	.62	1/8 — 5/16	——— ———	17/32 — 9/16	5 1/8	5/16	1/4
27C	.62	——— — 5/16	5/16 — ———	17/32 — 9/16	5 1/8	5/16	1/4
28	.74	1/8 — 1/8	——— ———	19/32 — 5/8	6 1/8	11/32	1/2
28S	.74	5/16 — 1/8	——— ———	19/32 — 5/8	6 1/8	11/32	1/2
29	.74	——— — 1/8	1/8 ———	5/8 — 41/64	7	5/16	1/2
30	.90	5/16 — 1/2	——— 1/8	41/64 — 21/32	7 1/8	11/32	3/4
31	.90	1/4 — 1/2	——— 1/8	41/64 — 3/4	7 1/8	11/32	3/4
32	1.10	1/2 — 1/8	——— ———	23/32 — 25/32	8 3/4	1/4	3/4
33	1.10	1/2 — 1/8	1/8 ———	5/8 — 13/16	8 3/4	1/4	7/8
33C	1.10	——— — ———	5/8 — 1/2	1/2 — 1	8 3/4	1/4	1
34	1.36	1/2 — 5/8	1/8 ———	7/8 — 1 1/32	9 3/4	1/2	1 1/4
35	1.36	1/8 — 5/8	——— 5/8	33/32 — 1 1/32	9 3/4	1/2	1 1/4
36	1.92	1/8 — 3/4	——— ———	33/32 — 1 1/16	11 1/2	1/8	1 1/2
37	1.92	5/8 — 3/4	3/4 ———	1 1/16 — 1 1/16	11 5/8	1/8	1 1/2
38	2.80	5/8 — 7/8	——— ———	1 1/16 — 1 1/32	13 1/2	1/8	1 3/4
39	2.80	3/4 — 7/8	——— ———	1 1/4 — 1 1/32	13 1/2	3/4	2 1/2
40	3.80	3/4 — 1	——— ———	1 1/4 — 1 5/16	15 1/2	3/4	3 1/2
41	3.80	7/8 — 1	——— ———	1 7/32 — 1 5/16	15 1/2	5/8	3 1/2
43	5.30	1 — 1 1/8	——— ———	1 5/16 — 1 13/32	17	7/32	5 1/2
44	7.20	1 — 1 1/4	——— ———	1 5/16 — 2	19	9/32	7 1/2
45	7.20	1 1/8 — 1 1/8	——— ———	1 13/32 — 2 3/16	21	1	9 1/2
47	10.50	1 1/8 — 1 1/4	——— ———	1 13/32 — 2	19	9/32	7 1/2
52	22.00	1 1/8 — 1 3/4	——— ———	2 3/16 — 2 3/4	27	1 7/32 — 1 7/32	16 1/2

All Nos. up to No. 33 packed six to a box; larger, as wanted.

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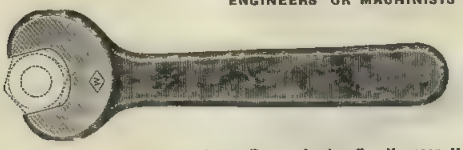
WILLIAMS WRENCHES

ENGINEERS' OR MACHINISTS'



Finish Specifications

Finished Wrenches — Forgings are milled, case-hardened, black lacquered and have heads ground bright.

Single Head—15 Degree Angle—For Hexagon Head Cap Screws

Drop Forged Carbon Steel—Case Hardened—Milled Openings—Heads Ground Bright.

NO.	Finished EACH	U. S. Standard Cap Screws Diameter	S. A. E. Standard Cap Screws and Nuts, Diam.	Size of Openings	Full Length	Thickness of Head	Wt. Each
701	$0.36	1-4 in.	1-4 in.	7-16 in.	4 in.	1-4 in.	1-16 lb.
1 Special	.36	5-16 in.	5-16 in.	1-2 in.	4 in.	1-4 in.	1-16 lb.
702	.44	3-8 in.	5-8 in.	9-16 in.	5 in.	5-16 in.	1-4 lb.
703	.52	7-16 in.	7-16 in.	5-8 in.	5½ in.	3-8 in.	1-4 lb.
5 Special	.76	1-2 in.	1-2 in.	3-4 in.	6½ in.	7-16 in.	1-3 lb.
6 Special	.92	5-8 in.	9-16 in.	7-8 in.	8 in.	9-16 in.	1-2 lb.
7 Special	1 14	3-4 in	..... in.	1 in.	9½ in.	5-8 in.	7-8 lb.
8 Special	1 56	3-4 in	3-4 in	1 1-8 in.	11 in.	3-4 in.	1 1-8 lb.
9 Special	2 30	1 in.	7-8 in.	1 1-4 in.	12½ in.	7-8 in.	1 1-2 lb.

ALL NOS. UP TO NO. 9 PACKED SIX IN A BOX; LARGER AS WANTED

Single Head—15-Degree Angle—For U. S. Standard Nuts

Drop Forged Carbon Steel—Case Hardened—Bright Heads

NO.	Finished EACH	For U.S. Std. Nuts Bolt Size	Size of Opening	Full Length	Thickness of Head	Wt. Each
1	$0.36	1-4 in.	1-2 in.	4 in.	1-4 in.	1-8 lb.
2	.44	5-16 in.	19-32 in.	4½ in.	9-32 in.	1-4 lb.
3	.52	3-8 in.	11-16 in	5⅛ in.	5-16 in.	1-4 lb.
4	.64	7-16 in.	25-32 in.	6½ in.	11-32 in.	1-2 lb.
5	.76	1-2 in.	7-8 in.	7⅛ in	13-32 in.	1-2 lb.
6	.92	9-16 in.	31-32 in.	8⅛ in.	7-16 in.	3-4 lb.
7	1.14	5-8 in.	1 1-16 in	9¾ in.	1-2 in.	3-4 lb.
8	1 56	3-4 in.	1 1-4 in.	11⅛ in.	9-16 in.	1 lb.
9	2.30	7-8 in.	1 7-16 in.	13 in.	21-32 in.	1 1-4 lb.
10	3 20	1 in.	1 5-8 in	14⅜ in.	3-4 in.	1 1-2 lb.
11	4.20	1 1-8 in.	1 13-16 in.	16⅜ in.	27-32 in.	1 1-2 lb.
12	5.70	1 1-4 in.	2 in.	18⅛ in.	29-32 in.	2 1-4 lb.
13	7.30	1 3-8 in.	2 3-16 in.	20 in.	1 in.	3 lb.
14	9.20	1 1-2 in.	2 3-8 in.	22 in.	1 1-16 in.	4 lb.
16	13 10	1 3-4 in.	2 3-4 in.	25⅛ in	1 7-32 in.	6 lb.
17	20 50	2 in.	3 1-8 in.	29⅛ in.	1 3-8 in.	20 lb.
18	29 50	2 1-4 in.	3 1-2 in.	33 in.	1 17-32 in.	28½ lb.

ALL NOS. UP TO NO. 8 PACKED SIX IN A BOX; LARGER AS WANTED

CARRIAGE MAKERS

Finish Specifications

Unfinished Wrenches—Forgings are milled only. hardened, black lacquered, and have heads ground bright.

Carbon Steel—Double End S—22½-Degree Angle—U.S. Standard Nuts

Highest quality drop forged tool steel; double head; milled openings; long and light. Especially adapted for carriage makers' and machinists' general use

NO.	Finished EACH	U. S. Standard Square Nuts	S A E Standard Screws and Nuts	U. S. Standard Cap Screws	Size of Openings	Full Lgth	Thickness of Heads	WT. EA
75	$0.54	¼—⅜ in.	—⅜ in.	—⅜ in.	⅜—½ in.	6½ in.	1-4 in.	1-8 lb
77	68	⅜—⅝ in.	⅛—⅛ in.	⅛—⅛ in.	½—⅝ in.	7½ in.	9-32 in.	1-4 lb.
79	.86	⅝—⅞ in	⅛— in.	—⅝ in.	⅝—1⅛ in.	8½ in.	5-16 in.	1-2 lb.
81	1.10	⅞—1 in.	—. in.	—. in.	1⅛—1⅜ in.	9½ in.	3-8 in.	3-4 lb.
83	1.40	1—1⅛ in.	—. in.	—. in.	1⅜—1⅝ in.	10⅝ in.	7-16 in.	1 lb.

ALL WRENCHES PACKED SIX IN A BOX

WILLIAMS WRENCHES

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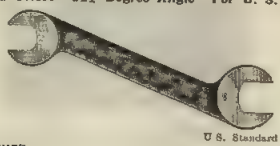
TEXTILE MACHINE

Double Head Offset—22½ Degree Angle—For U. S. Stnd. Nuts and Cap Screws, S. A. E. Standard Nuts and Cap Screws



Finish Specifications

Finished Wrenches — Forgings are milled, casehardened, black lacquered, and have heads ground bright.

Drop Forged Carbon Steel—Milled Openings

NO	FINISHED EACH	U.S. Standard Hex. or Sqr. Nuts	S.A.E Std. Cap Screws and Nuts	U.S. Standard Cap Screws	Size of Openings	Full Length	Thickness of Head	Wt. Each
760B	$0.50	⅛ — ¼	⅛ — ¼	⅛ — ¼	⅛ — ½	4 ¾	5/16	1/6 lb
760C	.50	⅛ — ⅜	....—	....—	11/32 — 13/32	4 ¾	¼	1/6 lb
760Y	.50	.. — ¼	¼ — ⅜	¼ — ⅜	⅜ — ½	4 ¾	¼	1/6 lb
761A	.62	¼ — ⅜	⅜ —.	⅜	½ — 13/32	5 ¾	⅜	1/5 lb
761C	.62	⅜ — ⅝	....—	.... —	13/32 — 11/16	5 ¾	⅜	1/5 lb
761Z	.62	....	⅝ — ⅞	⅝ — ⅞	11/16 — ⅞	5 ¾	7/16	1/6 lb
763A	1.06	⅞ ½	. — ⅞	.... — ⅝	⅞ — 15/16	8 ¼	7/16	3/4 lb
763Y	1 06	....— ½	½ — ⅞	½ — ⅝	⅝ — ⅞	8 ¼	⅜	3/4 lb
764A	1.44	½ — ⅝	⅞ —	⅝ — .	⅞ -1 1/16	9 ½	½	3/4 lb
764Z	1 44	....	⅝ — 11/16	.... — ⅝	15/16 — 1	9 ½	½	3/4 lb
765A	1 92	⅝ ¾	¾ — ⅞	....— 1	1 1/16 -1 ¼	11	9/16	1 7/8 lb

ALL WRENCHES PACKED SIX IN A BOX

TAPPET WRENCHES

Double Head Offset-15 Degree Angle—For S. A. E. Std. Nuts and Cap Screws. U. S. Standard Nuts and Cap Screws.

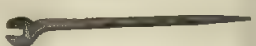
Finished Wrenches—Forgings are milled, casehardened, black lacquered and have heads ground bright.

Chrome Molybdenum Wrenches—Forgings are milled of special alloy steel, hardened, ground and nickel plated; jaws, polished.

NO	FINISHED EACH	CHROME MOLYBDENUM NO.	EACH	U.S. Standard Hex. or Sqr Nuts	S.A.E. Std. Cap Screws and Nuts	U.S. Standard Cap Screws	Size of Openings	Full Length	Thickness of Head	Wt. Each
90	$0 84	1090	$2.20	....— ¼	¼ — ⅜	¼ — ⅜	7/32 — 1/4	7	5/16 — 11/32	¼ lb
90D	.84	1090D	2.20	¼ —....	5/16 — ⅜	5/16 — ⅜	¼ — 13/32	7	5/16 — 11/32	¼ lb
92	1.00	1092	2.40	....—	⅜ — 7/16	⅜ — 7/16	9/32 — 5/16	6	13/32 — 15/32	¼ lb
92F	1.00	1092F	2.40	....— ⅜	7/16 —....	7/16 —....	5/16 — 11/32	8	13/32 — 15/32	¼ lb
94	1.15	1094	2.70	....— ½	½ — 9/16	½ — 9/16	11/32 — 13/32	8	17/32 — ⅝	½ lb
96	1.40	1096	3.00	....—....	9/16 — ⅝	....— ⅝	13/32 — 1	9 ½	⅝ — 11/16	½ lb

ALL WRENCHES PACKED SIX IN A BOX

STRUCTURAL



Williams

Straight opening, milled, carbon steel, casehardened all over; heads not ground. Offset handle.

Unfinished and Unhardened NO.	EACH	Chrome Molybdenum NO.	EACH	Per U.S. Std. Nut; Bolt Size	Opening Milled	Extreme Length	Thickness Head	Handle Offset	Wt. Each
903	$0.80			⅜ in.	23/32 in.	9 ½ in.	7/16 in.	⅝ in.	⅝ lb.
904	.80			7/16 in.	13/16 in.	9 ½ in.	7/16 in.	⅝ in.	⅝ lb.
905	1.04	1905	$3.15	½ in.	29/32 in.	11 in.	½ in.	1 in.	1 lb.
906	1.04			7/16 in.	1 in.	11 in.	½ in.	1 in.	1 lb.
907	1.48	1907	4.40	⅝ in.	1 7/64 in.	13 in.	9/16 in.	1 ¼ in.	1 ¼ lb.
908	2.04	1908	6.00	¾ in.	1 19/64 in.	15 in.	⅝ in.	1 ½ in.	2 ¼ lb.
909	2.80	1909	8.15	⅞ in.	1 1/2 in.	17 in.	11/16 in.	1 ⅞ in.	3 ¾ lb.
910	3 80	1910	11.95	1 in.	1 11/16 in.	19 in.	¾ in.	1 ⅞ in.	5 lb.
911	6.00			1 ⅛ in.	2 1/16 in.	21 in.	⅞ in.	1 ½ in.	8 lb.
912	6.00			1 ¼ in.	1 7/8 in.	21 in.	1 in.	1 ½ in.	7 lb.

306 & Olympus Patterns

1762-306 $13.50 dozen
GOBLET
Height, 7 inches
Width, 3¼ inches

1762-306
$13.50 dozen
WINE
Height, 4 inches
Width, 2 inches

1762-306
$13.50 dozen
COCKTAIL
Height, 4½ inches
Width, 2⅝ inches

1762-306—$37.50 doz sets—SHERBET SET
HIGH SHERBET $13.50 dozen
Height, 5 inches Width, 3⅜ inches
PLATES 7½ inches—$24.00 dozen

1762-306—$13.50 dozen
FOOTED ICE TEA
Height, 5⅝ inches
Width 4 inches

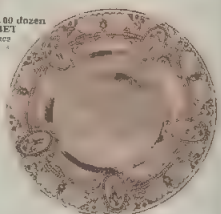
1762-306—$13.50 dozen
FOOTED TUMBLER
Height, 4⅝ inches
Width 3½ inches

1743 Olympus—$18.00 dozen
COCKTAIL
Height, 3 inches
Width 3 inches

1743 Olympus $18.00 dozen
GOBLET
Height, 7 inches
Width 3¼ inches

1743 Olympus—$18.00 dozen
HIGH SHERBET
Height, 5 inches
Width 3⅜ inches

1720 Olympus $2.40 each
2 HANDLED CHEESE DISH
Width 8 inches



1743 Olympus—$24.00 dozen
8 INCH PLATES

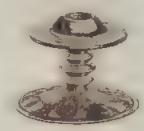
1743 Olympus $18.00 dozen
FOOTED TUMBLER
Height, 5 inches
Width 3 inches

1743 Olympus $18.00 dozen
FOOTED ICE TEA
Height, 6½ inches
Width 3½ inches

1743 Olympus $18.00 dozen
WINE
Height, 5 inches
Width 2½ inches

1721 Olympus—$2.40 each
2 HANDLED JELLY
Width, 7 inches

1722 Olympus $2.40 each
2 HANDLED BON BON
Width, 6 inches



1725 Olympus

CONSOLE SET $13.50 complete—3 piece
1725 Olympus $8.40 each
BOWL
Height 4 inches
Width 11 inches
1725 Olympus $5.10 pair
CANDLESTICKS
Height, 3 inches

1725 Olympus

ROYAL GRANITE ENAMELED WARE

COFFEE BOILERS

Double seamed, retinned cover, metal knob, riveted handles.

NO.	Trade Cap.	Diam.	Wt. Doz.	DOZEN
30	5 qt.	8 in.	32 lb.	$17.50
70	6 qt.	8⅝ in.	36 lb.	19.20
80	8 qt.	9⅝ in.	44 lb.	22 25

One-fourth dozen in a case.

90	11 qt.	10⅝ in.	54 lb.	$27.00
100	14 qt.	11½ in.	60 lb.	32 00

One-sixth dozen in a case.

MILK OR RICE BOILERS

Seamless covers, retinned hollow handles

NO.	Trade Cap.	Diam.	Wt. Doz.	DOZEN
52	1 qt.	5⅜ in.	24 lb.	$16.50
52½	2 qt.	6 in.	28 lb.	18.75
53	2½ qt.	6½ in.	36 lb.	21.50

One-half dozen in a case.

RICE BOILERS

Seamed, retinned cover, metal knob, riveted handles.

NO.	Trade Cap.	Diam.	Wt. Doz.	DOZEN
18	1⅞ qt.	8 in.	55 lb.	$20.00
22	2½ qt.	9⅛ in.	76 lb.	21 50

One dozen in a case.

SEAMLESS BOWLS

NO.	Trade Cap.	Diam.	Wt. Doz.	DOZEN
14	1½ qt.	6¾x3 in.	8 lb	$3 40
16	2 qt.	4¾x3 in.	9½ lb.	3.90
18	2½ qt.	7⅜x3½ in.	10 lb.	4.40

Six dozen in a case.

20	3 qt.	8⅛x3⅝ in.	12½ lb.	5 30

Four dozen in a case.

24	5 qt.	9⅝x4½ in.	24 lb	7 20

Three dozen in a case.

26	6 qt.	11x4½ in.	25 lb.	7.90

Two dozen in a case.

SOUP BOWLS

NO.		Wt. Dozen	DOZEN
1	5⅜x3 in.	6 lb.	$3 90

Six dozen in a case.

WASH BOWLS

With eyelets.

NO.	Diam.	Wt. Dozen	DOZEN
28	11½ in.	12 lb.	$4.50
30	12 in.	13 lb.	5.30
32	12⅝ in.	16 lb.	6.00

Six dozen in a case.

34	13⅝ in.	20 lb.	6.70
36	14½ in.	22 lb.	7.50

Four dozen in a case.

COVERED BUCKETS

Seamless, retinned cover, metal ring

NO.	Trade Cap.	Diam.	Wt. Doz.	DOZEN
370	2 qt.	6 x4½ in.	12 lb.	$8.80
360	3 qt.	7⅛x5 in.	33 lb.	10.60

Two dozen in a case.

450	4 qt.	7⅛x5½ in.	22 lb.	12.60

One dozen in a case.

G ROYAL GRANITE ENAMELED WARE

COVERED BUCKETS

Seamed, retinned cover, wood knob

NO.	Trade Cap.	Diam.	Wt. Doz.	DOZEN
21	1 qt.	4½x3½ in.	10 lb.	$6.00
	Three dozen in a case.			
22	2 qt.	6¼x4½ in.	18 lb.	8.30
23	3 qt.	6¾x4¾ in.	25 lb.	10.00
24	4 qt.	7¼x5¼ in.	37 lb.	12.00
	Two dozen in a case.			
20	6 qt.	8¾x7½ in.	35 lb.	14.80
50	10 qt.	9¾x9½ in.	58 lb.	26.00
	One dozen in a case.			

DINNER BUCKETS

New England.— Round, seamed; covers shut over outside; with pie tray.

NO.	Trd. Cap.	Size In.	Doz. In Case	Wt Doz.	DOZEN
503	3 qt.	6¼	1	54	$25 75

Oblong.—With coffee flask in cover; pie tray and cup; patented self-locking bail.

NO.	Trade Cap.	Size In.	In Case	Wt Doz	DOZEN
111	3 qt.	8⅝x5¾x5¼	1 doz.	35	$30 00
112	4 qt.	8⅝x5¾x6¼	1 doz.	55	34 00

CHAMBERS

Seamless, riveted steel handle

NO.	Size	In Case	Wgt Doz.	DOZEN
1	7¾x4 in.	1 doz.	12 lb.	$5 70
1½	8¾x4⅝ in.	1 doz.	14 lb.	7 30
2	9¾x5 in.	1 doz.	18 lb.	9 20

COVERS FOR CHAMBERS

NO.	Diameter	In Case	Wgt. Doz.	DOZEN
10	7¼ in.	2 doz.	6½ lb.	$3 50
1½0	9 in.	2 doz.	6½ lb.	1 20
20	9¾ in.	2 doz.	8½ lb.	4.90
30	10 in.	2 doz.	9½ lb.	6 00

COLANDERS

Seamed, riveted handles.

NO	Diameter	In Case	Wgt. Doz.	DOZEN
1	10 in.	3 doz.	13 lb.	$8.20
2	11 in.	3 doz.	23 lb.	9.20

Seamless, riveted handles

NO.	Diameter	In Case	Wgt. Doz.	DOZEN
205	10¾ in.	3 doz.	23 lb.	$8.20
306	11½ in.	3 doz.	26 lb.	9.20

COMBINETS

Odorless, Seamless, Enameled.

NO.	Size	In Case	Wt. Doz.	DOZEN
6	9¾x7 in.	1 doz.	73 lb.	$34 50

Combination commode and slop jar. Enameled cover. Wood bails. Seamless.

NO.	Capacity	In Case	Wt. Doz.	DOZEN
40	10 qt.	¼ doz.	56 lb.	$20.80

ROYAL GRANITE ENAMELED WARE

DRINKING CUPS

Seamless.

NO.	TradeCap.	Size	In Case	Wgt. Doz.	DOZEN
8	½ pt.	3½x2	12 doz.	3 lb.	$2.30
9	¾ pt.	3½x2½	12 doz.	3½ lb.	2.70
10	1 pt.	4¼x2½	12 doz.	4 lb.	2.50

STRAIGHT CUPS

Pieced

NO.	TradeCap.	Size	Wgt. Doz.	DOZEN
25	1 pt.	3⅝x2⅝ in.	3¼ lb.	$3.10

Seamless

NO.	TradeCap.	Size,In.	In Case	Wt.Doz.	DOZEN
6	1 pt.	4 x2½	6 doz.	4 lb.	$3.40

CUPS AND SAUCERS

NO.	Cup In.	Saucer In.	Doz. In Case	Doz. lb	DOZEN
400	4½x2½	6½	6	4½	$5.00

SAUCERS ONLY

NO.	Size	In Case	Wgt. Doz.	DOZEN
401S	6¾ in.	6 doz.	4½ lb.	$2.50

CUSPIDORS

Double Seamed —Rimmed Edge

NO.	Size	In Case	Wgt. Doz.	DOZEN
20	7¾x4¾ in.	2 doz.	14 lb.	$11.00

SPITTOONS

Regular Pattern—Inset Cover

NO.	Size	In Case	Wgt. Doz.	DOZEN
200	9¼x4¾ in.	2 doz.	33 lb.	$14.50
300	10¼x5¾ in.	2 doz.	39 lb.	18.00

WINDSOR DIPPERS

Improved round handle, riveted.

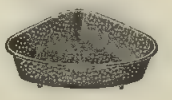
NO.	Trade Cap. Qt.	Size In.	Doz. In Case	Doz. lb	DOZEN
110	1	4¾x3	6	5½	$4.00
112	2	5¾x3	6	8	4.75

SOAP DISHES

Wall—With Drainer

NO.	Size	In Case	Wt. Doz.	DOZEN
60	6½x4¼x2¾ in.	6 doz.	6½ lb.	$3.60

SINK DRAINERS



Seamless.

NO.	Size In.	Doz. Carton	lb Doz.	DOZEN
7	9¾x7⅝x2¾	3	11	$7.00

G ROYAL GRANITE ENAMELED WARE

PIECED FUNNELS

Rimmed edge; riveted handle.

NO.	Trd.	Cap. Qt.	Dia. In.	In Case	Doz. lb Doz.	DOZEN
02	½	3½	6	4		$4 50
03	¾	4½	6	5		4.80
04	1	5½	4	10		6.20
05	2	7½	4	18		8.00
06	4	8¾	4	23		11 00

CONVEX KETTLES

Seamless; retinned cover, metal knob.

NO.	Trd.	Cap. Qt.	Size In.	In Case	Doz. lb Doz.	DOZEN
02	2	5⅜x3¾	1	12		$6.80
03	3	6½x4	½	18		8.40
04	4	7⅝x4½	½	20		5.30
06	6	9 x5¾	½	26		12 40
08	8	10 x5¾	½	40		16.00
010	10	10⅝x6½	½	44		18.50
012	12	11½x6¾	½	52		22.00
014	14	11½x8	½	56		21.50
016	16	12½x8	½	60		29.00
020	20	13½x8½	½	72		34 00

TEA KETTLES

Flat bottom; double seamed; enameled cover; japanned handle.

NO.	Trd.	Cap. Qt.	Dia. In.	In Case	Doz. lb Doz.	DOZEN
40	2	7½	1	18		$14 70
50	3	8	1	22		16.00
60	4	8¾	1	27		17 50
70	5	9½	½	32		19.70
80	7	10½	½	40		23.50
90	8	11½	½	44		27 00

LIPPED PRESERVING KETTLES

Seamless; without cover.

NO	Trd.	Cap. Qt.	Size In.	In Case	Doz. lb Doz.	DOZEN
20	4	8⅛x3¾	3	19		$6.30
22	4	8¾x4	3	28		8.00
24	5	9¼x4½	3	26		8.00
26	6	11 x4½	1	21		9.50
28	8	11⅛x5¼	1	25		10.00
30	10	12 x5½	2	41		12.30
32	12	12¾x6	2	43		14.00
36	14	13⅜x6½	1	65		18.00
40	18	14⅞x7½	1	77		26.00
50	30	17⅛x9½	1	136		46 00

MILK KETTLES

With bail; retinned cover; japanned handle.

NO	Trd	Cap. Qt.	Size In.	In Case	Doz. lb Doz.	DOZEN
71	1	4¼x6½	3	11		$10.50
72	2	5 x8	1	18		13.20
74	4	6⅜x9	1	26		18.00

DEEP LADLES

Solid—Flat Handle—Riveted

NO.	Diam.	In Case	Wgt. Doz.	DOZEN
100	4½ in.	6 doz.	6 lb.	$3 20

Pierced—Flat Handle—Riveted

NO.	Diam.	In Case	Wgt. Doz.	DOZEN
101	4½ in.	6 doz.	6 lb.	$3 60

ROYAL GRANITE ENAMELED WARE

G

MEASURES

12-18

11

U. S. Standard—Seamed—Riveted Handle

NO.	Act. Cap.	In Case	Wgt. Doz.	DOZEN
12	½ qt.	6 doz.	6 lb.	$6.50
13	1 qt.	3 doz.	13 lb.	6.70
14	1 qt.	3 doz.	17 lb.	8.00
15	2 qt.	1 doz.	15 lb.	10.00
16	4 qt.	1 doz.	25 lb.	14.00

Graduated—With Lip—Riveted Handle

For household use only.

NO.	Trade Cap	Size	Wgt. Doz.	DOZEN
11	1 qt.	4¼x4 in.	15 lb.	$7.20

CHAMBER PAILS

Seamed; japanned knob; japanned handle.

NO.	Trade Cap. Qts.	Size In.	Doz. In Case	lb Doz.	DOZEN
2	10	9½x8½	½	42	$22.00
3	12	11½x9	½	48	24.30

WATER PAILS

Seamless; riveted ears; japanned handle.

NO.	Trade Cap. Qts.	Size In.	Doz. In Case	lb Doz.	DOZEN
110	10	10⅞x7½	1	32	$15.00
112	12	11½x8½	1	39	18.50
114	15	12⅝x9½	1	47	23.50

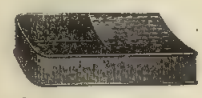
BED PANS

Royal Granite

Seamed, with cover.

NO.	Size	In Case	Wgt. Doz.	DOZEN
1	12x15x4½ in.	½ doz.	50 lb.	$30.50

DOUCHE PANS



Double seamed.

NO.	Size	In Case	Wgt. Doz.	DOZEN
2	15x11½x2½ in.	½ doz.	40 lb.	$30.00

JELLY CAKE PANS

69-70

9-10

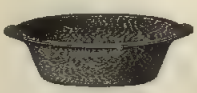
Deep—Seamless—1 in. Deep

NO.	Diam.	In Case	Wgt. Doz.	DOZEN
69	9 in.	6 doz.	8 lb.	$4.00
70	10 in.	6 doz.	12 lb.	4.80

Shallow—Seamless—½ in. Deep

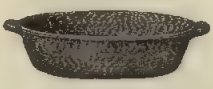
NO.	Diam.	In Case	Wgt. Doz.	DOZEN
9	9 in.	6 doz.	8½ lb.	$3.80
10	10 in.	6 doz.	10 lb.	4.90

DISH PANS



NO.	Trd. Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
80	8	14½x4½	1 doz.	35	$9.50
100	10	15½x4½	1 doz.	40	11.30
140	14	16½x5	1 doz.	52	13.00
170	17	18 x5	1 doz.	67	16.00
210	21	19½x5½	1 doz.	81	20.50
300	30	22½x6	½ doz.	122	38.00
400	40	24 x7½	½ doz.	138	52.50

OVAL DISH PANS



Seamless.

NO.	Trd. Cap. Qt.	Size In.	In Case	lb Doz.	DOZEN
15	15	18½x14x5½	1 doz.	75	$18.00
18	18	19½x15½x5½	1 doz.	82	22.00

G ROYAL GRANITE ENAMELED WARE

RINSING PANS

Seamless; riveted handles

NO.	Trd.	Cap.	Qt.	Size In.	In Case	lb Doz	DOZEN
08		8	14 x4	2 doz.	34		$10.00
014		14	16⅝x4½	2 doz.	42		12.00
017		17	18⅛x4⅝	2 doz.	50		16.00

LIPPED FRY PANS

Seamless; riveted handles.

NO.	Diameter	In Case	Wgt Doz.	DOZEN
31	8 x1⅝ in.	3 doz.	15 lb.	$6 20
32	8½x1⅞ in.	3 doz.	18 lb.	7.50
33	9½x1⅝ in.	3 doz.	22 lb.	8 20
34	10 x1⅞ in.	3 doz.	24 lb.	9 00

706-112

406-412

CORN CAKE PANS

Solid frame; cups 3½x1⅝ in.

NO.	Cups	Size	In Case	Wgt. Doz.	DOZEN
706	6	10½x 6½	2 doz	20 lb.	$13 50
708	9	10½x10½	2 doz.	18 lb.	16 80
712	12	13½x10½	2 doz	35 lb.	24 00

MUFFIN PANS

Solid frame; cups 3½x1⅝in.

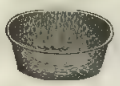
NO.	Cups	Size	In Case	Wgt. Doz.	DOZEN
406	6	10½x 6½	2 doz.	19 lb.	$8 70
408	9	10½x10½	2 doz.	33 lb.	10 50
412	12	13½x10½	2 doz.	35 lb.	14.20

MILK PANS

Seamless; rimmed edge.

NO.	Trd.	Cap	Qt.	Size In.	In Case	lb Doz.	DOZEN
00		¼		5⅝x1⅛	6 doz.	4	$2 10
0		½		6 x1⅜	6 doz.	4½	2 30
11		1		7 x1⅝	6 doz	12½	2 60
20		2		8½x1⅞	6 doz.	7⅛	3 30
30		3		9½x2⅛	6 doz.	9½	3 75
40		4		10⅞x2½	6 doz.	12½	4 30
60		6		12⅝x2⅞	6 doz.	15½	6 00
80		8		13½x3	4 doz.	20	7 00
100		10		14½x3	4 doz.	22½	8 00

DEEP PUDDING PANS



Seamless, rimmed edges.

NO.	Trd.	Cap.	Qt.	Size In.	In Case	lb Doz	DOZEN
100		1		7⅛x2½	6 doz	7	$2.90
200		2		8⅝x2¾	6 doz.	10	3 60
300		3		9½x3	6 doz.	12	4 20
400		4		10⅞x3½	6 doz	14	4 80
500		5		11 x3⅝	6 doz.	15	5 50
600		6		11⅝x3⅞	6 doz.	17	6 20
800		8		13 x3⅞	4 doz.	22	8 20
1000		10		13⅝x4¼	4 doz.	23	9 00

CONVEX SAUCE PANS

Retinned cover, metal knob; flat handle.

NO.	Trd.	Cap.	Qt.	Size In.	In Case	lb Doz	DOZEN
02		2		5⅛x3⅜	1 doz.	12	$7 80
03		3		6⅛x4	1 doz.	17	8 10
04		4		7⅛x4½	½ doz.	24	10 10
06		6		9 x5⅛	½ doz.	38	12.70
08		8		10 x5⅞	½ doz.	42	16.50
010		10		10⅝x6⅛	½ doz.	100	21.50
012		12		11⅛x6⅞	½ doz.	124	25.00

COMBINATION SAUCE PANS

No. 1—Double

No. 10—Triple

Retinned Covers—Hollow Handles

NO.		Trd. Cap.	In Case	lb Doz Sets	DOZ. SETS
1D	Double	5 pt.	1 doz.	65	$34.00
10T	Triple	6 pt.	1 doz.	75	47 00

LIPPED SAUCE PANS

Seamless; hollow handle.

NO.	Trd.	Cap.	Qt.	Size In.	In Case	lb Dos.	DOZEN
12		1		5⅞x2⅜	6 doz.	9	$3.60
14		1½		6⅛x3	6 doz.	12	4.10
16		2		7⅛x3	3 doz.	14	4.60
18		2½		7⅞x3½	3 doz.	16	5.30
20		3		8⅛x3⅜	3 doz.	19	6.30
22		4		8⅞x4	3 doz.	22	6.90
24		5		9⅝x4⅛	3 doz.	22	7.80
26		6		11 x4⅛	2 doz.	36	9.50
28		8		11⅛x5½	2 doz.	41	10.50

ROYAL GRANITE ENAMELED WARE G

04

225-550

SHALLOW OBLONG PANS

NO.	Size	Wt. Doz.	DOZEN
04	13x9½x1⅝ in.	15 lb.	$8.20

Six dozen in a case.

OBLONG STOVE PANS

NO.	Size	Wt. Doz.	DOZEN
225	8½x12 x2⅛ in.	23 lb.	$8 40
325	9 x13 x2⅛ in.	27 lb.	9 00
350	9½x14 x2⅛ in.	30 lb.	10.50
375	10½x15x2⅛ in.	34 lb.	11 50
425	11x16 x2⅛ in.	41 lb.	12 70
475	12x17 x2⅛ in.	44 lb.	16 50
550	13x18 x2⅛ in.	52 lb.	19.00

Two dozen in a case.

SQUARE STOVE PANS

NO.	Size	Wt. Doz.	DOZEN
120	10x10 in.	25 lb.	$10.00
121	11x11 in.	27 lb.	10.80

PITCHERS

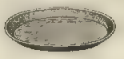
Water

Seamless; riveted handle.

NO.	Trade Cap.	Wt. Doz.	DOZEN
2	2 qt.	27½ lb.	$12 50
3	3 qt.	33½ lb.	15.70
4	4 qt.	22 lb.	16.40

NOS. 2 AND 3 TWO DOZEN IN A CASE. NO. 4 ONE DOZEN IN CASE

39-40



28-30

DEEP PIE PLATES

One and one-quarter inches deep.

NO.	Diam.	Wt. Doz.	DOZEN
39	9 in.	6½ lb.	$3 10
40	10 in.	7½ lb.	3 70

TWELVE DOZEN IN CASE

SHALLOW PIE PLATES

Seven-eighths-inch deep.

NO.	Diam.	Wt. Doz.	DOZEN
28	8 in.	5 lb.	$2.80
29	9 in.	6½ lb.	2.90
30	10 in.	7½ lb.	3.30

TWELVE DOZEN IN CASE

DINNER PLATES

Flat bottom.

NO.	Diam.	Wt Doz.	DOZEN
18	9⅛ in.	6½ lb.	$2.80
20	10⅛ in.	7½ lb.	3 30

TWELVE DOZEN IN CASE

COFFEE POTS

Retinned cover; hollow handle, riveted.

NO.	Trade Cap.	Diam.	Wt. Doz.	DOZEN
5	1 qt.	4⅜ in.	12 lb.	$8 70
15	1½ qt.	5½ in.	15 lb.	9 30
25	2 qt.	5⅞ in.	17 lb.	10.20
35	3 qt.	6⅜ in.	22 lb.	12.00
45	4 qt.	7 in.	24 lb.	14 00
55	5 qt.	7½ lb.	26 lb.	15 50

ONE DOZEN IN A CASE

TEA POTS

Retinned cover; metal knob; hollow handle, riveted.

NO.	Trade Cap.	Diam.	Wt. Doz.	DOZEN
00	½ qt.	3½ in.	6 lb.	$8 90
	TWO DOZEN IN A CASE			
0	1 qt.	4⅜ in.	12 lb.	10.00
10	1½ qt.	5½ in.	17 lb.	11.20
20	2 qt.	5⅞ in.	18 lb.	12.20
30	3 qt.	6⅜ in.	22 lb.	15 30

ONE DOZEN IN A CASE

STRAIGHT SAUCE POTS

Seamed—Retinned Covers—Riveted Handles

NO.	Trade Cap. Qt.	Size In.	In Case	Lb Doz.	DOZEN
024	10	10½x 9⅛x 7⅝	½ doz.	44	$22.50
026	12	11⅛x10⅛x 8⅝	½ doz.	48	26 30
028	16	12⅛x10⅛x 9⅝	½ doz.	60	29 50
030	20	12⅝x11⅛x10⅛	½ doz.	72	32.50
032	24	13⅛x12⅛x10⅝	½ doz.	80	35.50

G ROYAL GRANITE ENAMELED WARE

SOUP STOCK POTS

With Faucet

Seamless, removable strainer, brass faucet, retinned cover.

NO.	Trd	Cap.	Size In.	Doz. In Case	lb Each	EACH
318	4¾	gal.	11¼x12	1-12	30	$17.20
324	6	gal.	13 x11¾	1-12	36	19.60
336	9	gal.	15 x14	1-12	42	31.00

Without Faucet

Seamless—Retinned Cover

NO.	Trd.	Cap.	Size In.	Doz In Case	lb Each	EACH
212	3¾	gal.	10⅝x10¾	1-6	8½	$6 20
218	4¾	gal.	11¼x12	1-6	9½	8.00
224	6	gal.	13 x11¾	1-12	12	9.70
236	9	gal.	15 x14	1-12	16	7 30

ROASTERS

Nesco Perfect—Seamless—Oval—Self Basting

NO.	Size. In.	In Case	Wgt. Doz.	DOZEN
150	15x10x7	1-12 doz.	60 lb.	$32 10
180	18x12x8	1-12 doz.	84 lb.	36.10

FOOT TUBS

Oval -Double Seamed—Riveted Handles.

Double Seamed—Riveted Handles

NO.	Size	Wgt. Dozen	DOZEN
0	15 x12 x6 in.	50 lb.	$36.00
1	16½x12 x6 in.	57 lb.	20 08
2	17⅛x13½x6¼ in.	65 lb.	23.00

FLAT SKIMMERS

Pierced—Flat Handle

NO.	Diameter	In Case	Wgt Dos.	DOZEN
10	4½ in.	6 doz.	5½ lb.	$3.30
12	5 in.	6 doz.	6½ lb.	4 00

BASTING SPOONS

Heavy—Threaded Handle

NO.	Length	In Case	Wgt. Dos.	DOZEN
10	10 in.	12 doz.	3 lb.	$1.90
12	12 in.	12 doz.	3½ lb.	2 10
14	14 in.	12 doz.	3¾ lb.	2.30
16	16 in.	12 doz.	4½ lb.	2 80
18	18 in.	12 doz.	5 lb.	3 70

URINALS

NO.		In Case	Wgt. Dos.	DOZEN
1	Female	1 dos.	34 lb.	$34.00

BROAD CROSS CUT SAWS

Handles must be ordered separate from saws.

—BLUE GRASS—

Blue Grass Cross Cut Saws are made of the same extra quality materials and the same infinite care characterizes their production as with other Blue Grass tools.

The needs of the lumbermen and the peculiarties of the different timbers have been carefully studied in order to make the Blue Grass Cross Cut saw a tool that in real use would respond readily and constantly to the demands of the user under any and all conditions.

All Blue Grass Cross Cut saws are ground an even gauge throughout the entire tooth edge, and then tapered to a extra thin back, which insures quick cutting and ease of operation, with just the right flexibility and stiffness to prevent bucking.

Each saw is beautifully polished and etched altogether a tool in a class by itself—unequaled in appearance—unapproachable in performance, and covered from tip to tip with our guarantee.

Extra quality crucible spring steel, evenly tempered, polished and etched. Ground gradually thinner from teeth to back, filed and set ready for use.

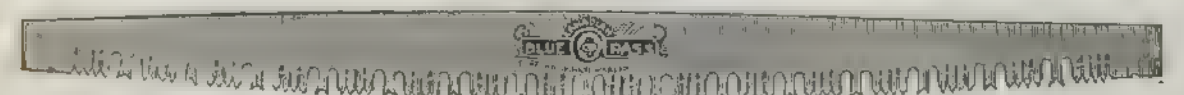
—BLUE GRASS—

Canadian, Lance Tooth, Perforated, 14 gauge at tooth edge, 19 gauge at center of back, extra thin back.

Nos.	BG6-5½	BG6-6	BG6-6½
Length, ft	5½	6	6½
Width at center, ins	6⅜	6½	6⅝
Width at ends, ins	3¼	3¼	3¼
Wt each about, lbs	5	6	7½
Each	$16 05	17 25	18 75

Shipped fastened to board.

—BLUE GRASS—

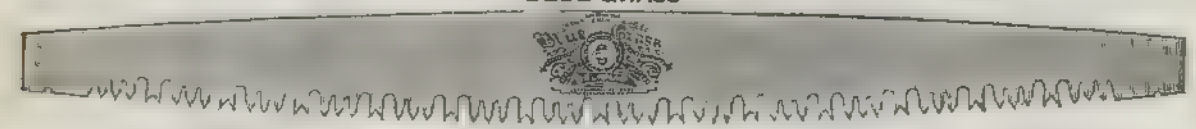


Polished. Half Wide. Lance Tooth, 14 gauge at tooth edge, 18 gauge at center of back, thin back.

Nos.	BG16-5	BG16-5½	BG16-6	BG16-6½	BG16-7
Length, ft	5	5½	6	6½	7
Width at center, ins	5⅛	5⅜	5⅝	5¾	6
Width at ends, ins	3	3	3⅛	3¼	3⅜
Wt each about, lbs	4	6	7¼	8½	9¼
Each	$13 80	15 00	16 35	17 25	18 45

Shipped fastened to board.

—BLUE GRASS—

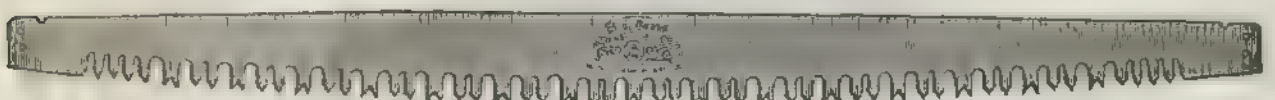


Dexter Tooth, 14 gauge at tooth edge, 19 gauge at center of back, extra thin back.

Nos.	BG1-5½	BG1-6	BG1-6½	BG1-7
Length, ft	5½	6	6½	7
Width at center, ins	6½	7	7¼	8
Width at ends, ins	3¼	3½	3⅝	3¾
Wt each about, lbs	6½	7¼	8½	9½
Each	$13 20	14 40	15 75	16 80

Shipped fastened to board.

BLUE GRASS



Polished. Half Wide. Diamond Tooth, 14 gauge at tooth edge, 18 gauge at center of back; thin back.

Nos.	BG14-5	BG14-5½	BG14-6	BG14-6½
Length, ft	5	5½	6	6½
Width at center, ins	5⅛	5⅜	5⅝	5¾
Width at ends, ins	3	3	3⅛	3¼
Wt each about, lbs	4	5¼	6	6½
Each	$11 55	13 05	14 25	15 30

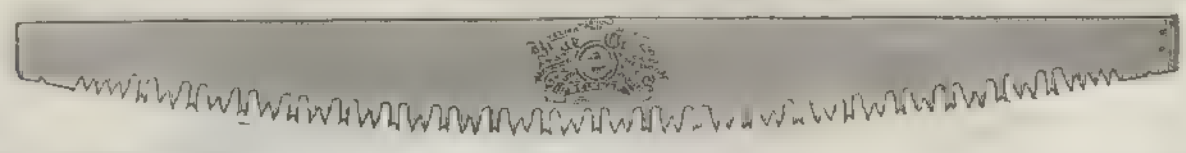
Shipped fastened to board.

BROAD CROSS CUT SAWS

Handles must be ordered separate from saws.

—BLUE GRASS—

Extra quality crucible spring steel, evenly tempered, etched. Ground gradually thinner from teeth edge to back; filed and set ready for use.

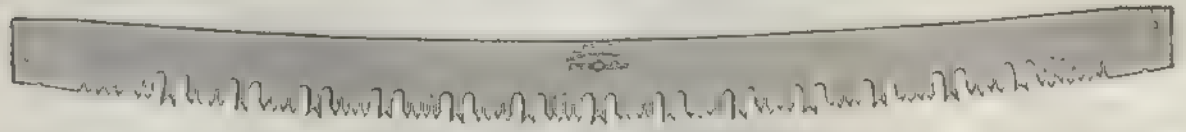


Polished. Tuttle Tooth.

Length, ft		5	5½	6	6½
Width at center, ins		6¾	6⅞	7	7⅛
Width at ends, ins		3	3¼	3¼	3½
Wt each about, lbs		5½	6	7¼	8½
14-18 Gauge	Nos.	BG8-5	BG8-5½	BG8-6	
	Each	$10 05	10 95	12 00	
14-19 Gauge	Nos.		BG9-5½	BG9-6	BG9-6½
	Each		$12 00	13 20	14 25
14-20 Gauge	Nos.		BG11-5½	BG11-6	
	Each		$13 95	15 00	

Shipped fastened to board.

—BLUE GRASS—FALLING



Perforated lance tooth, 4 cutters and 1 raker. Skew Back 3½ inches wide at ends, 4½ inches wide at center. 14 gauge at tooth edge, 17 gauge on center of back, 16 gauge on ends of back.

Nos.		BG17-5½	BG17-6
Length, ft		5½	6
Wt each, lbs		5	5½
Each		$17 25	19 50

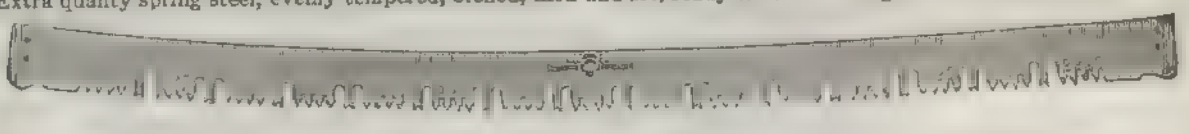
Shipped fastened to board

NARROW CROSS CUT SAWS

Handles must be ordered separate from saws.

—BLUE GRASS—

Extra quality spring steel, evenly tempered, etched, filed and set, ready for use. Designed for small timber.

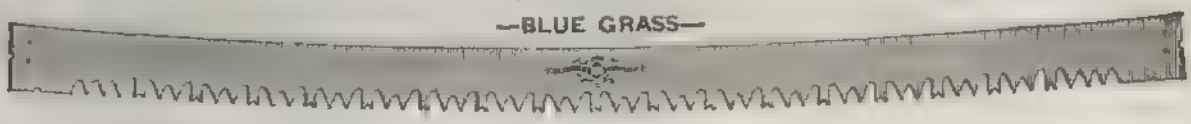


Polished. Canadian Lance Tooth, perforated, width at ends and center 3¼ ins.

Length, ft		5	5½	6
Wt each about, lbs		3	3¼	3½
14 Gauge throughout	Nos.	BG5-05	BG5-05½	BG5-06
	Each	$7 05	7 95	9 00
14-16 Gauge, Thin Back	Nos.	BG6-05	BG6-05½	BG6-06
	Each	$8 40	9 00	9 60

Shipped fastened to board.

—BLUE GRASS—



Polished. Tuttle Tooth, 14 gauge throughout, width at ends and center 3¼ ins.

Nos.	BG0-5	BG0-5½	BG0-6
Length, ft	5	5½	6
Wt each about, lbs	3	3¼	3½
Each	$5 25	5 70	6 30

Shipped fastened to board

NARROW CROSS CUT SAWS

Handles must be ordered separate from saws.

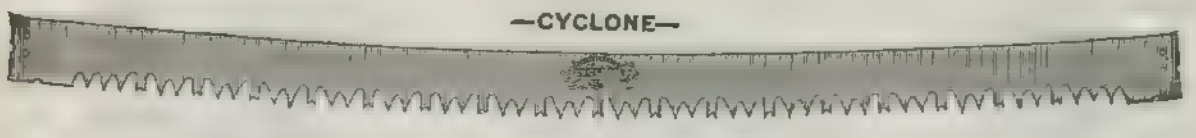
—BLUE GRASS—

Extra quality spring steel, evenly tempered, etched, filed and set, ready for use. Designed for small timber.

Polished. Diamond Tooth, 14 gauge throughout, width at ends and center 3¼ ins.

Nos.	BG2-05	BG2-05½	BG2-06
Length, ft	5	5½	6
Wt each about, lbs	3	3¼	3½
Each	$6 45	6 90	7 65

—CYCLONE—



First quality steel, tempered, polished and etched; filed and set, ready for use.

Polished. Tuttle Tooth, 14 gauge throughout, width at ends and center 3¼ ins.

Nos.	10-5	10-5½	10-6
Length, ft	5	5½	6
Wt each about, lbs	3	3¼	3½
Each	$4 20	4 50	4 95

All of above saws shipped fastened to board.

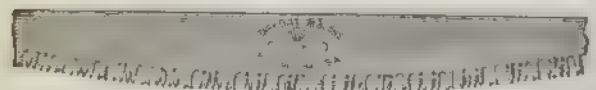
BROAD CROSS CUT SAWS

Handles must be ordered separate from saws.

DISSTON

First quality crucible steel, evenly tempered, polished and etched, ground gradually thinner from teeth to back; filed and set, ready for use.

DISSTON SUWANEE

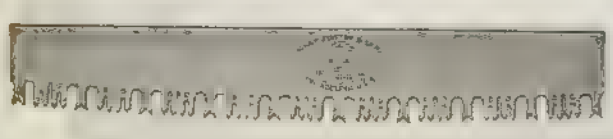


Lance Tooth, Perforated. 14 gauge at tooth edge, 20 gauge at back. Being 6 gauges thinner on back than on cutting edge, insures free running and fast cutting.

Nos.	$5½	$6
Length, ft	5½	6
Width at center, ins	6¼	7
Width at ends, ins	3¼	3¼
Wt each, lbs	5½	7
Each	$19 50	22 50

Shipped fastened to board.

DISSTON BUZZ

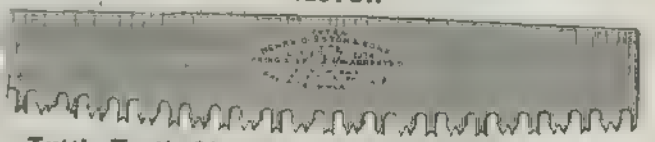


Lance Tooth, Perforated. 14 gauge at tooth edge, 19 gauge at back. 5 gauges thinner on back than on cutting edge.

Nos.	470-5½	470-6
Length, ft	5½	6
Width at center, ins	5¾	6
Width at ends, ins	3¼	3¼
Wt each about, lbs	6	7
Each	$19 50	22 50

Shipped fastened to board.

DISSTON

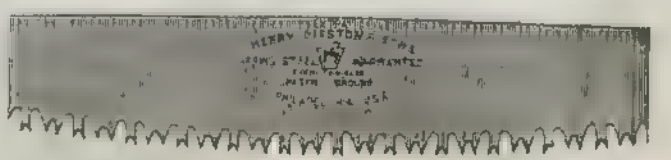


Tuttle Tooth, 14 gauge at tooth edge, 18 gauge at center of back; thin back.

Nos.	DT18-5½	DT18-6
Length, ft	5½	6
Width at center, ins	7	7¼
Width at ends, ins	3½	3½
Wt each about, lbs	6½	8
Each	$13 50	15 00

Shipped fastened to board.

DISSTON



Champion Tooth, 14 gauge at tooth edge, 16 gauge at center of back; thin back.

Nos.	2-5½	2-6
Length, ft	5½	6
Width at center, ins	7	7¼
Width at ends, ins	3½	3½
Wt each about, lbs	6½	8
Each	$12 00	13 05

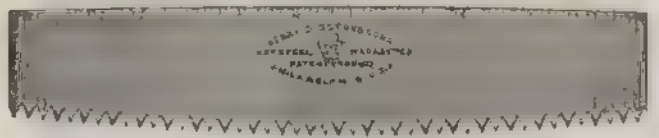
Shipped fastened to board.

BROAD CROSS CUT SAWS

Handles Must Be Ordered Separate From Saws.

DISSTON

First quality crucible steel, evenly tempered, polished and etched; ground gradually thinner from teeth to back; filed and set, ready for use.



Tenon Tooth.

Fourteen gauge at tooth edge, 16 gauge at center of back; thin back.

Nos.	2T-4½	2T-5	2T-5½
Length, ft	4½	5	5½
Width at center, ins	6½	6¾	7
Width at ends, ins	3⅜	3⅜	3⅜
Wt each about, lbs	4½	5½	5½
Each	$9 75	11 25	12 00

Shipped fastened to board

ATKINS

High grade saw steel, thoroughly tempered polished and etched; ground gradually thinner from teeth to back; filed and set, ready for use.

Perfection Tooth, Perforated.

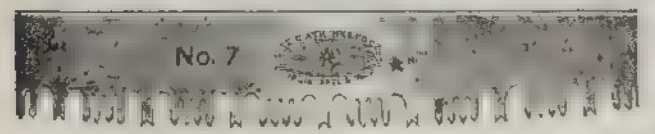
Silver steel; perfection tooth, perforated, **Segment Ground**; 14 gauge at tooth edge, 20 gauge at center of back; extra thin back.

Nos.	5A-5½	5A-6	5A-6½
Length, ft	5½	6	6½
Width at center, ins	6⅞	7	7⅛
Width at ends, ins	3⅛	3⅛	3⅛
Wt each about, lbs	5	7	7½
Each	$19 80	23 10	25 70

Shipped fastened to board.

ATKINS

The Meteor.



Perfection Lance Tooth.

Silver steel; segment ground. Both sides polished and ground on the segment of a perfect circle, tapering from tooth edge to the back. Large gullets between rakers and cutting teeth are smooth polished to prevent clogging. Extra strong rakers and teeth without perforations, prolong the life of saw and prevents binding. Constructed to enable filer and sawyer to do the fastest and easiest work possible. 14 gauge at tooth edge, 20 gauge at center of back.

Nos.	7-5½	7-6
Length, ft	5½	6
Width at ends, ins	3⅛	3⅛
Width center, ins	6	6½
Wt each, lbs	6	6½
Each	$19 50	22 50

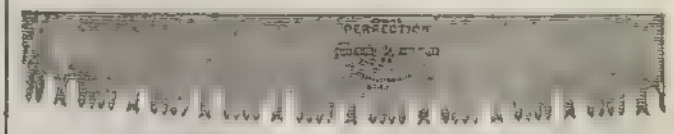
Shipped fastened to board.

BROAD CROSS CUT SAWS

Handles Must Be Ordered Separate From Saws.

ATKINS

High grade saw steel, thoroughly tempered, polished and etched; ground gradually thinner from teeth to back; filed and set, ready for use.



Perfection Lance Tooth, Perforated.

Silver steel; perfection lance tooth, perforated, **Half Wide Segment Ground**; 14 gauge at tooth edge, 20 gauge at center of back; extra thin back.

Nos.	4-5½	4-6
Length, ft	5½	6
Width at center, ins	5¾	6
Width at ends, ins	3¼	3¼
Wt each about, lbs	5	6
Each	$19 80	23 10

Shipped fastened to board.

ATKINS

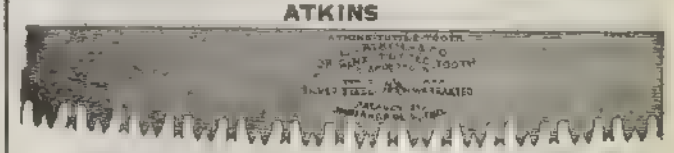
Tuttle Tooth.

Peerless—Silver steel; Tuttle tooth, half wide, 14 gauge at tooth edge, 20 gauge at center of back; extra thin back.

Nos.	3A-5½	3A-6
Length, ft	5½	6
Width at center, ins	5½	6
Width at end, ins	3¼	3¼
Wt each about, lbs	5	6
Each	$19 80	23 10

Shipped fastened to board

ATKINS



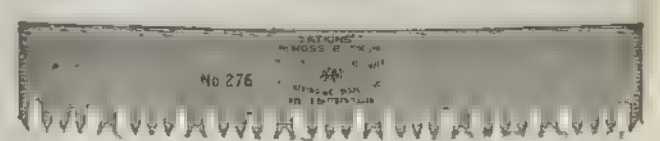
Tuttle Tooth.

Atkins Silver Steel; ground extra thin back. 14 gauge at tooth edge, 20 gauge at center of back.

Nos.	517-5½	517-6
Length, ft	5½	6
Width at center, ins	6½	7
Width at ends, ins	8¼	8¼
Wt each, lbs	6	7
Each	$19 80	23 10

Shipped fastened to board.

ATKINS



Dexter Tooth, Moss Back—High grade special steel; Dexter tooth; 14 gauge at tooth edge, 18 gauge at center of back; thin back.

Nos.	276-5½	276-6
Length, ft	5½	6
Width at center, ins	5¾	6½
Width at ends, ins	3⅝	3¾
Wt each, lbs	5½	6½
Each	$16 95	18 75

Packed loose; cutting edge protected with wood strip.

BROAD CROSS CUT SAWS

Handles Must Be Ordered Separate From Saws.

ATKINS

High grade saw steel, thoroughly tempered, polished and etched; ground gradually thinner from teeth to back; filed and set, ready for use.

ATKINS, PERFECTION FALLING

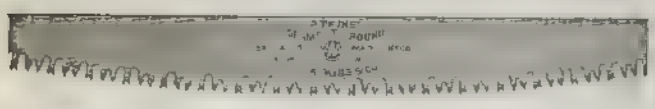
Perfection Tooth, Perforated.

Silver steel; perfection tooth, perforated; 14 gauge at toothed edge; 17 gauge at center of back; extra thin back.

Nos.	12-5	12-5½	12-6
Length, ft	5	5½	6
Width at center, ins	4⅛	4¾	5¼
Width at ends, ins	3¼	3¼	3¼
Wt each about, lbs	3¾	4½	5
Each	$18 00	19 80	23 10

Shipped fastened to board.

ATKINS



Tuttle Tooth—Special steel; ground thin.

Length, ft	5	5½	6	6½
Width center, ins	6¾	6⅞	7	7⅛
Width ends, ins	3	3	3¼	3½
Wt each, lbs	4¾	5	7	8
14-19 Gauge Nos.		332-5½	332-6	332-6½
14-19 Gauge Each		$15 00	16 20	17 25
14-18 Gauge Nos.	331-5	331-5½	331-6	331-6½
14-18 Gauge Each	$12 60	13 80	15 00	16 50
14-20 Gauge Nos.	332½-5	332½-5½	332½-6	332½-6½
14-20 Gauge Each	$14 55	16 20	17 25	18 75

Shipped fastened to board.

ATKINS

Tuttle Tooth—Hero, special steel; Tuttle tooth; 14 gauge at tooth edge, 18 gauge at center of back; thin back.

Nos.	AHT18-5½	AHT18-6
Length, ft	5½	6
Width at center, ins	6⅞	7
Width at ends, ins	3¼	3¼
Wt each about, lbs	5	7
Each	$12 00	13 20

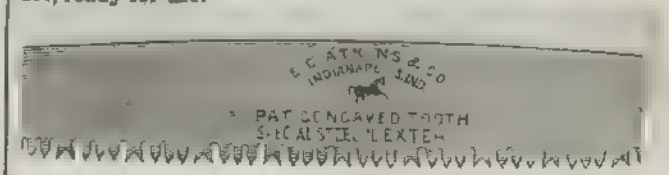
Shipped fastened to board.

BROAD CROSS CUT SAWS

Handles must be ordered separate from saws.

ATKINS

High grade saw steel, Atkins tempered, polished and etched, ground gradually thinner from teeth to back, filed and set, ready for use.

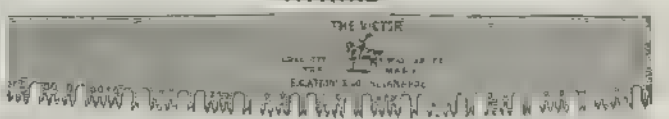


Dexter Tooth—Special steel; Dexter tooth; 14 gauge at tooth edge, 19 gauge at center of back; extra thin back.

Nos.	220A-5½	220A-6
Length, ft	5½	6
Width at center, ins	6½	7
Width at ends, ins	3¼	3½
Wt each about, lbs	6	7
Each	$16 20	18 00

Shipped fastened to board.

ATKINS

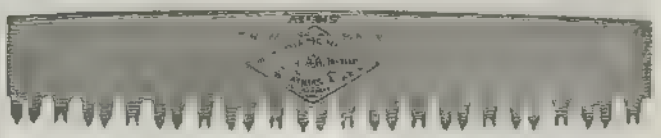


Victor Tooth, Perforated—14 gauge at tooth edge, 18 gauge at center of back; thin back.

Nos.	225-5½	225-6
Length, ft	5½	6
Width at center, ins	6¼	6¼
Width at ends, ins	4	4
Wt each about, lbs	5	6
Each	$17 55	19 05

Shipped fastened to board.

ATKINS



Diamond Tooth—14 gauge at tooth edge, 18 gauge at center of back; thin back.

Nos.	222-5½	222-6
Length, ft	5½	6
Width at center, ins	6½	7
Width at ends, ins	3¼	3½
Wt each about, lbs	5	6
Each	$15 00	16 50

Shipped fastened to board.

ATKINS

Diamond Tooth, Lone Star—14 gauge at tooth edge, 18 gauge at center of back; thin back.

Nos.	223-5½	223-6	223-6½
Length, ft	5½	6	6½
Width center, ins	5⅛	5⅝	5¾
Width ends, ins	3	3	3
Wt each about, lbs	5	6	6½
Each	$15 00	16 50	17 70

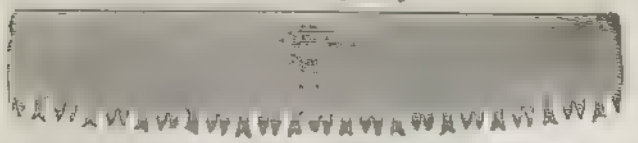
Shipped fastened to board.

BROAD CROSS CUT SAWS

Handles must be ordered separate from saws.

SIMONDS

High grade crucible steel; radial ground and tempered, polished and etched, filed and set, ready for use.



Champion Tooth—14 gauge at tooth edge, 16 gauge on back at ends, 19 gauge on back at center; extra thin back.

Nos.	13-5	13-5½	13-6
Length, ft	5	5½	6
Width at center, ins	6	6⅜	7
Width at ends, ins	3¼	3¼	3¼
Wt each about, lbs	5¾	6	7½
Each	$17 25	19 80	23 25

Shipped fastened to board.

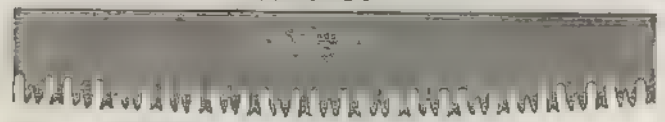
SIMONDS

Lance Tooth, Perforated—14 gauge at tooth edge, 16 gauge on back at ends, 19 ga. on back at center; extra thin back.

Nos.	22-5	22-5½	22-6	22-6½	22-7
Length, ft	5	5½	6	6½	7
Width at center, ins	6	6⅝	7	7⅜	7⅝
Width at ends, ins	3¼	3¼	3¼	3¼	3¼
Wt each about, lbs	5¼	5½	7¼	8½	9½
Each	$17 25	19 80	23 25	26 70	30 00

Shipped fastened to board.

SIMONDS



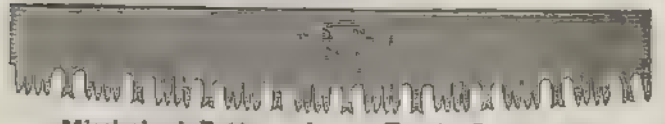
Mississippi Pattern, Diamond Tooth.

Fourteen gauge at tooth edge, 16 gauge on back at ends, 19 gauge on back at center; extra thin back.

Nos.	316-5½	316-6
Length, ft	5½	6
Width at center, ins	6⅝	7⅛
Width at ends, ins	3¼	3¼
Wt each about, lbs	5	6
Each	$19 80	23 25

Shipped fastened to board.

SIMONDS



Mississippi Pattern, Lance Tooth, Perforated.

Fourteen gauge at tooth edge, 16 gauge on back at ends; 19 gauge on back at center; extra thin back.

Nos.	324-5½	324-6	324-6½	324-7
Length, ft	5½	6	6½	7
Width at center, ins	5⅞	7⅛	6¼	6⅝
Width at ends, ins	3¼	3¼	3¼	3¼
Wt each about, lbs	5	6	7	8
Each	$19 80	23 25	26 70	30 00

Shipped fastened to board.

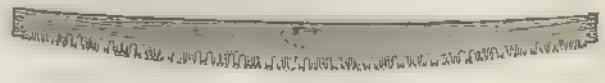
BROAD CROSS CUT SAWS

D 1

Handles must be ordered separate from the saws.

SIMONDS

High grade crucible steel, crescent ground and tempered, polished and etched, filed and set, ready for use.



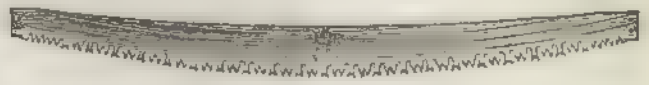
Lance Tooth, Perforated.

14 gauge at tooth edge; 16 gauge on back at ends, 19 gauge on back at center; extra thin back.

Nos.	133-5½	133-6	133-6½
Length, ft	5½	6	6½
Width at center, ins	5½	5¾	6
Width at ends, ins	3¼	3¼	3¼
Wt each about, lbs	4½	5	5½
Each	$19 80	23 25	26 70

Shipped fastened to board.

SIMONDS



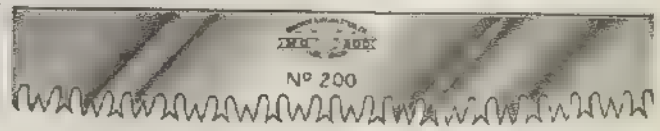
Tuttle Tooth.

15 gauge at tooth edge and 20 gauge on back.

Nos.	113-5½	113-6
Length, ft	5½	6
Width at center, ins	5⅜	5½
Width at ends, ins	3¾	3¼
Wt each, lbs	5	5¾
Each	$19 50	23 25

Shipped fastened to board.

SIMONDS, BAY STATE



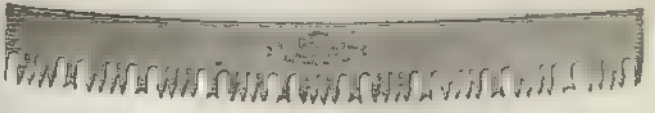
Tuttle Tooth, Half Wide.

High grade crucible steel, evenly tempered, polished and etched, carefully filed and set, ready for use. Fourteen gauge at tooth; eighteen gauge at back.

Nos.	200-5	200-5½	200-6
Length, ft	5	5½	6
Width at ends, ins	3¼	3¼	3¼
Width at center, ins	5⅜	5¾	6¼
Wt each about, lbs	4¼	5	6¼
Each	$13 50	15 00	16 50

Shipped fastened to board.

SIMONDS, FALLING



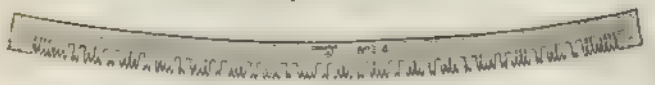
Lance Tooth, Perforated. High grade crucible steel, evenly tempered, polished and etched, carefully filed and set, ready for use. Fourteen gauge at tooth.

Nos.	325-5	325-5½	325-6
Length, ft	5	5½	6
Width at center, ins	4⅜	4⅜	4⅝
Width at ends, ins	3¼	3¼	3¼
Wt each about, lbs	3½	4	5
Each	$17 25	19 80	23 25

D 1

NARROW CROSS CUT SAWS

SIMONDS, BAY STATE

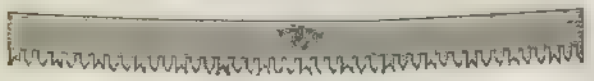


Lance Tooth, Perforated.

High grade crucible steel, evenly tempered, polished and etched; carefully filed and set, ready for use. Fifteen gauge throughout, width at ends and center 3⅝ inches.

Nos.	214-5	214-5½	214-6
Length, ft	5	5½	6
Wt each, lbs	3¼	4¼	4¾
Each	$9 00	9 75	10 80

SIMONDS, BAY STATE

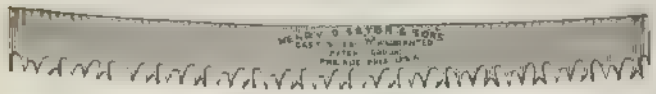


Diamond Tooth.

High grade crucible steel, evenly tempered, polished and etched, carefully filed and set, ready for use. Fifteen gauge throughout, width at ends and center 3⅝ inches.

Nos.	212-5	212-5½	212-6
Length, ft	5	5½	6
Wt each, lbs	3	3½	4
Each	$6 00	6 75	7 50

DISSTON



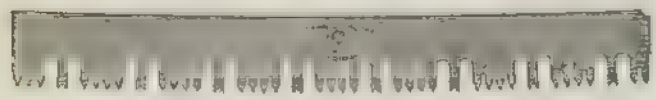
Champion Tooth.

First quality crucible steel, evenly tempered, polished and etched, carefully filed and set, ready for use.

Fourteen gauge. Width at ends and center 3¼ inches.

Nos.	286-5	286-5½	286-6
Length, ft	5	5½	6
Wt each about, lbs	3¼	4	5
Each	$7 20	7 96	8 55

ATKINS



Victor Tooth, Perforated.

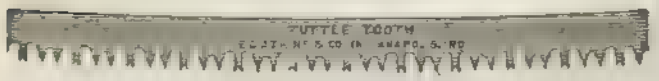
Special saw steel, evenly tempered, polished and etched, filed and set, ready for use.

Fourteen gauge. Width at ends and center 3¼ inches.

Nos.	386-5	386-5½	386-6
Length, ft	5	5½	6
Wt each about, lbs	3½	4	4½
Each	$8 55	9 45	10 20

All above shipped fastened to board

ATKINS



Tuttle Tooth.

High grade saw steel, evenly tempered, polished and etched, ground gradually thinner from teeth to back, filed and set, ready for use.

Fourteen gauge. Width at ends and center 3¼ inches.

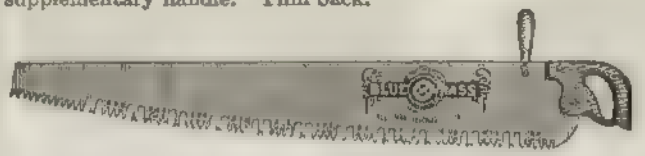
Nos.	379-5	379-5½	379-6
Length, ft	5	5½	6
Wt each about, lbs	3½	4	4½
Each	$7 50	7 95	8 25

Shipped fastened to board.

ONE MAN CROSS CUT SAWS

—BLUE GRASS—

Special steel, evenly tempered, polished and etched; filed and set, ready for use. Beechwood handle, varnished edges, one supplementary handle. Thin back.

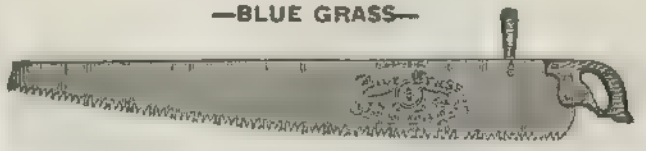


Canadian Lance Tooth, Perforated.

Nos.	BG23-3	BG23-3½	BG23-4	BG23-4½
Length, ft	3	3½	4	4½
Wt each about, lbs	3½	4	5	6
Each	$7 20	8 25	9 45	10 80

Twenty-five in wood case.

—BLUE GRASS—

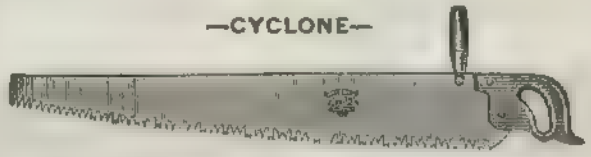


Tuttle Champion Tooth, Crown Point.

Nos.	BG20-3	BG20-3½	BG20-4	BG20-4½
Length, ft	3	3½	4	4½
Wt each about, lbs	3½	4	5	6
Each	$6 30	7 50	8 70	9 45

Twenty-five in wood case.

—CYCLONE—



Tuttle-Champion Tooth. Crown Point.

Cast steel, tempered; polished and etched; filed and set ready for use. Beechwood handles, plain sides; varnished edges; one supplementary handle; polished ferrule; thin back.

Nos.	220-2½	220-3	220-3½	220-4	220-4½
Length, ft	2½	3	3½	4	4½
Wt each, lbs	3	3½	4	5	6
Each	$3 90	4 65	5 55	6 15	6 90

Twenty-five in wood case.

DISSTON

Champion Tooth.

First quality crucible steel, tempered, polished and etched; filed and set, ready for use. Beechwood handles, plain sides, varnished edges; one supplementary handle; polished ferrule; thin back.

Nos.	DT-3	DT-3½	DT-4	DT-4½
Length, ft	3	3½	4	4½
Wt each, lbs	3½	4	5	6
Each	$8 55	9 75	11 25	12 75

Twenty-five in wood case.

ONE MAN CROSS CUT SAWS

ATKINS

TuttleTooth.

Nos.	390-3	390-3½	390-4	390-4½
Length, ft	3	3½	4	4½
Wt each, lbs	3½	4	5	6
Each	$7 95	9 00	10 50	12 00

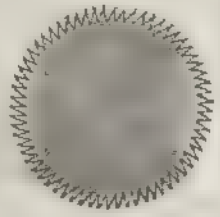
Twenty-five in wood case.

CORDWOOD SAWS

Cordwood Quality.

Diameter hole 1⅝ inches. To be used on wood sawing machines shown in Dept. 2.

Regularly supplied with 1⅝ inch mandrel hole. Can furnish any other size mandrel hole without extra charges; shipment from factory only.



Diam, ins	24	26	28	30
Gauge	11	11	10	10
Wt each, lbs	14	16	20	25
Each	$9 00	10 50	12 00	14 25

Crated.

CROSS CUT SAW HANDLES

—BLUE GRASS—

Selected beechwood handle, thoroughly seasoned; extra heavy 3 inch malleable iron clasp, bolt and ⅞ inch wing nut, natural finish.

Per 100 Pr

No. BG49—Length 15 ins; diam 1¼ ins... $120 00

2¼ pair in carton; wt per 100 pair 200 lbs.

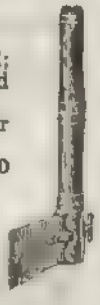
—BLUE GRASS—

Selected beechwood handle, thoroughly seasoned; 2¾ inch japanned malleable iron clasp, XC bolt and thumb nut.

Per 100 Pair

No. BG47—Reversible, length 15½ ins; diam 1¼ ins... $127 80

Fifty pair in wood box; wt per 100 pair 160 lbs.



—BLUE GRASS—

Selected beechwood handle, thoroughly seasoned; heavy japanned malleable iron bell ferrule and revolving washer; steel loop with 4½ inch slot.

Per 100 Pair

No. BG48—Length 12 ins; diam 1¼ ins... $137 70

Fifty pair in wood box; wt per 100 pair 200 lbs.

—BLUE GRASS—

Selected beechwood handle, thoroughly seasoned; plain finish; japanned malleable iron clasp; steel bolt and malleable thumb nut.

Per 100 Pair

No. BG45—Reversible; length 14 ins; diam 1¼ ins... $142 50

Fifty pair in wood box; wt per 100 pair 175 lbs.

CROSS CUT SAW HANDLES

—BLUE GRASS—

Selected beechwood handle, thoroughly seasoned; plain finish; revolving washer; steel loop, with 3⅜ in. slot; malleable nut forms end cap; steel ferrule.

Per 100 Pair

No. BG46—Length 8¼ ins; diam 1⅛ ins... $172 50

Fifty pair in wood box; wt per 100 pair 150 lbs.

—PINE KNOT—

Selected hardwood handle, thoroughly seasoned; black japanned cast iron ferrule and washer; malleable iron loop with 4 inch slot.

Per 100 Pair

No. 40—Length 13 ins, diam 1½ ins... $120 00

Fifty pair in wood box; wt per 100 pair 100 lbs.

CLIMAX PATTERN

Hardwood handle, thoroughly seasoned; 2⅝ inch plain malleable iron clasp, malleable bolt, lock rivet and thumb nut.

Per 100 Pair

No. 7—Reversible; length 13 ins; diam 1¼ ins... $91 50

100 pair in wood box; wt per 100 pair 150 lbs.

Hardwood handle, thoroughly seasoned; heavy japanned bell ferrule, and notched, revolving washer; malleable iron loop with 4¼ inch slot.

Per 100 Pair

No. 8—Length 10½ ins, diam 1¾ ins... $132 00

100 pair in wood box; wt per 100 pair 200 lbs.

Hardwood handle, thoroughly seasoned; malleable iron ferrule, bracket, thumb nut, loop with 4¼ inch slot.

Per 100 Pair

No. 5—Length 14 ins, diam 1¼ ins... $150 00

Fifty pair in wood box; wt per 100 pair 200 lbs.

Hardwood handle, thoroughly seasoned; malleable iron ferrule revolving washer and loop with 4¼ inch slot.

Per 100 Pair

No. 6—Length 10 ins; diam 1¼ ins... $111 00

One hundred and fifty pair in wood box; wt per 100 pair 175 lbs.

ATKINS

Selected hardwood handle, thoroughly seasoned; plain finish; japanned malleable iron clasp; steel bolt and malleable thumb nut.

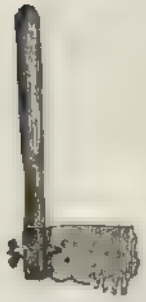
Per 100 Pair

No. 22—Reversible; length 14 ins; diam 1¼ ins... $141 00

Fifty pair in wood box; wt per 100 pair 175 lbs.

D 1

CROSS CUT SAW HANDLES



DILLARD

Hardwood handle, thoroughly seasoned; 2⅞ inch malleable iron re-inforced double clasp that engages both holes in saw.

Per 100 Pair

No. 2—Length 15 ins; diam 1¼ ins $156 00

Fifty pair in wood box; wt per 100 pair 200 lbs.

One Man, Supplementary.

Per Doz

No. 6-1M—Beechwood handle, varnished; malleable iron ferrule, shank and hook with rivet; length 6 ins.....$6 00

One doz in cardboard box; wt per doz 4 lbs.

One Man, Regular.

Per Doz

No. 2-0M—Beechwood, plain sides and varnished edges; not bored; without screws; length 8½ ins.....$8 25

One doz in cardboard box; wt per doz 7 lbs.

EXTRA PARTS FOR SAW HANDLES CLAMPS AND BOLTS

—BLUE GRASS—

Per Set

No. BG47CB—2¾ in. japanned malleable iron clasp, XC bolt and thumb nut; same as used on No. 47 handle; set consists of bolt and clasp for one handle $0 48

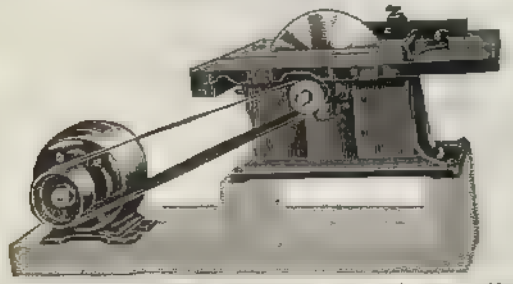
CLIMAX

Per Set

No. 7CB—2⅝ in. plain malleable iron clasp, malleable bolt and thumb nut; same as used on No. 7 handle; set consists of bolt and clasp for one handle $0 36

BENCH SAWS

TOBRIN—CIRCULAR



8 inch circular saw mounted on a cast iron frame; adjustable steel table equipped with both rip and cut-off guides that may be adjusted to any angle; bearings are bronze anti-friction metal, lubricated by both grease and oil cups. Motor and saw mounted on wood base, painted grey. Designed for ripping, cross cutting and mitering stock up to 2½ inches thick; depending on size of motor, ¼ H. P. motor will not operate to the full capacity of table under all conditions and larger motor is recommended for heavy work; table elevates for grooving and also may be tilted 10 degrees for beveling.

Height of machine from foot to table top 7 inches, size of base 6½x13½ inches; size of table 14x16 inches.

¼ H. P. Motor, 1750 R. P. M., 110 Volt, 60 Cycle, Alternating Current. Each

No. 8TC—Complete with 10 ft cord, separable attachment plug and an endless belt.....$156 00

One in wood box; wt each 105 lbs.

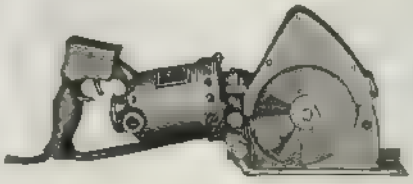
ELECTRIC HAND SAWS

CROWE'S SAFETY

Cast aluminum handles, motor base and safety guard. The motor is of special design and can be operated from standard lamp socket. Supplied with cross cut, rip or combination crucible steel circular saw tempered and hardened. Pistol grip type handles with pull trigger for operating. Automatic safety guard operated by spring that must be released before it can be used, when saw disengages from material the guard is thrown back, covering saw so that it can not come in contact with operator or material. Used by contractors, carpenters, etc., where a fast cutting saw is needed. Brass grease gun, 5 pound can of cup grease, 7½ feet of ⅝ inch rubber covered cable and extra 50 foot extension of ⅝ inch rubber covered cable, each fitted with metal covered porcelain socket and attachment plug.

Approved By Underwriters Laboratories.

Operates On 110 Volts A. C. or D. C

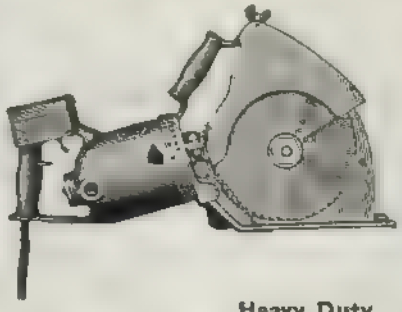


Adjustable to cut any thickness lumber up to 1½ inches.

Each

No. C6-110—With 6 in. cross cut saw. 110 volts, 6 ampere $465 00

One in wood box; wt each 11 lbs.



Adjustable to cut any thickness lumber up to 2½ inches.

Each

No. C8-110—With 8 in. rip saw. 110 volt, 7 ampere; wt each 20 lbs.....$510 00

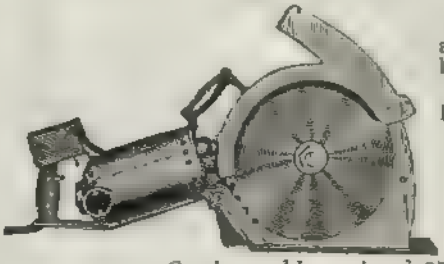
Heavy Duty.

Adjustable to cut any thickness lumber up to 2⅝ inches.

Each

No. C9-110—With 9 in rip saw. 110 volt, 11 ampere; wt each 32 lbs $600 00

One in wood box.



Adjustable to cut any thickness lumber up to 4 inches.

Each

No. C12-110 With 12 in. rip saw; 110 volts, 11 ampere $750 00

One in wood box; wt each 35 lbs.

EXTRA BLADES, For Crowe's Electric Saws.

Crucible steel, tempered and hardened.

Nos.	Rip. 6R	Rip. 8R	Rip. 12R	Cross Cut. 6C	Cross Cut. 8C	Cross Cut. 12C
Diam, ins	6	8	12	6	8	12
Wt each, lbs	½	1	2½	½	1	2·½
Each	$1 25	1 50	2 25	1 25	1 50	2 25

One in wood box

CONDUCTOR CABLE

⅛ inch rubber covered insulated wire with metal covered porcelain socket and separable attachment plug. Each

No. 10-50—50 ft in roll.....$42 00

(Sold in full lengths only.)

Wt each 13 lbs.

CROWE HIGH SPEED LUBRICANT Per Can

No. 5—5 lb can.....$5 25

Packed loose.

BOYS' SADDLES

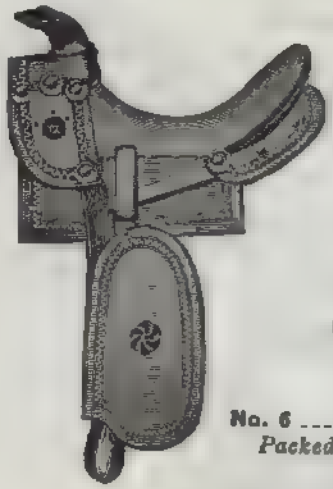
SOMERSET

Fair Leather.

Tree—14x10½ inches.
Seat—Solid kip.
Skirts—12¼x8 inches.
Stirrup Leathers—⅞ inch.
Stirrups—3 inch, wood, boys.
Girth—Fancy cotton web, to buckle.
Pad—Brown drill.

	Each
No. 5	**$16 50**

Packed loose; ship wt about 6 lbs.



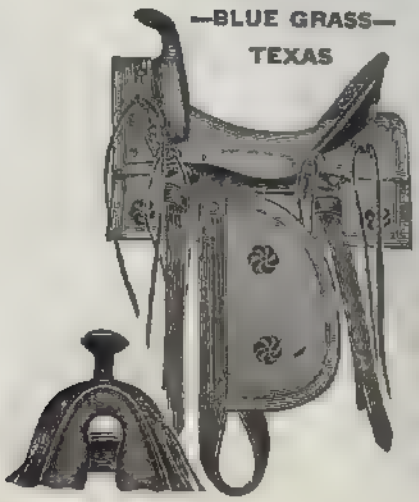
HORN MORGAN

Fair Leather.

Tree—11x10 inches.
Horn—Leather covered.
Seat—Solid kip.
Skirts—11 inches.
Fenders—10¾x6 inches.
Stirrup Leathers—⅞ inch.
Stirrup—3 inch wood, boys.
Girth—Fancy cotton web, to buckle.
Bars—Felt covered.

	Each
No. 6	**$20 25**

Packed loose; ship wt about 7 lbs.



—BLUE GRASS—
TEXAS

Russet Skirting Leather.
Tree—11 inches.
Horn—Sampson steel, leather covered.
Pummel—7 inch, bulge.
Cantle—Bumper style, bound and stitched.
Seat—Full.
Skirts—16 inches.
Fenders—11x7½ inches.
Stirrup Leathers—1½ inches.
Stirrups—Boys ox bow.
Girth—15 strand cotton, Texas ring.
Bars—Felt covered.
Tie Straps—1 inch.

	Each
No. BG7	**$41 25**

One in carton; ship wt about 15 lbs.

BOYS' SADDLES

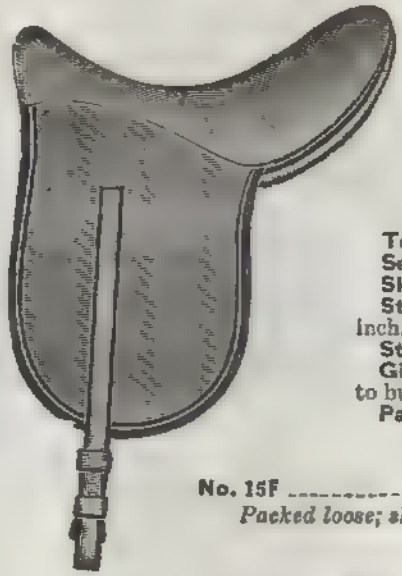
—BLUE GRASS—
TEXAS

Russet Skirting Leather.
Tree—11 inch seat measure.
Horn—Steel, nickel plated.
Cantle—Bumper style.
Seat—Full covered.
Skirts—14½ inches long.
Fenders—11x6½ inches.
Stirrup Leathers—1 inch.
Stirrups—3 inch; leather covered.
Girth—Two, 10 cord tie.
Bars—Felt covered.
Tie Straps—1 inch.

	Each
No. BG8 Wt each about 25 lbs	**$33 00**

Packed loose.

MENS' SADDLES



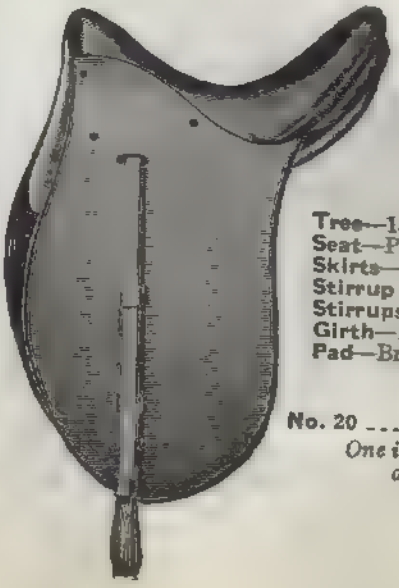
SOMERSET

Fair Leather.

Tree—15½x11½ inches.
Seat—Full kip.
Skirts—13x8¾ inches.
Stirrup Leathers—⅞ inch.
Stirrups—3 inch wood.
Girth—Fancy cotton web, to buckle.
Pad—Brown drill.

	Each
No. 15F	**$18 00**

Packed loose; ship wt about 8 lbs.



SOMERSET

Fair Leather.

Tree—15x14 inches; deep seat.
Seat—Plain kip.
Skirts—24x11¾ inches.
Stirrup Leathers—1 inch.
Stirrups—4 inch wood, sawed.
Girth—Fancy cotton, to buckle.
Pad—Brown drill.

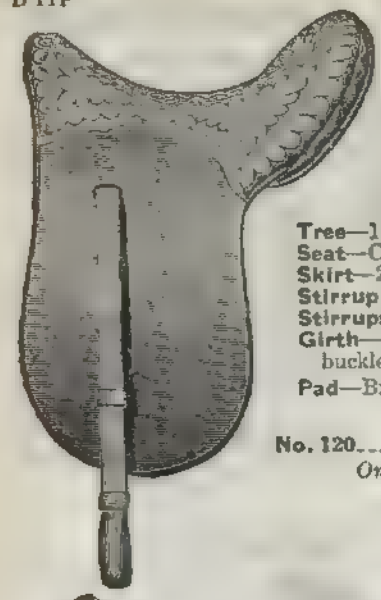
	Each
No. 20	**$31 05**

One in carton; ship wt about 15 lbs.

MEN'S SADDLES

STITCH DOWN

Fair Leather.



Tree—15½x11½ inches; deep seat.
Seat—Calf skin, fancy quilted.
Skirt—20x10 inches.
Stirrup Leathers—1 inch.
Stirrups—4 inch, wood, sawed.
Girth—Fancy cotton web, to buckle.
Pad—Brown drill.

	Each
No. 120	**$33 00**

One in carton; ship wt about 15 lbs.

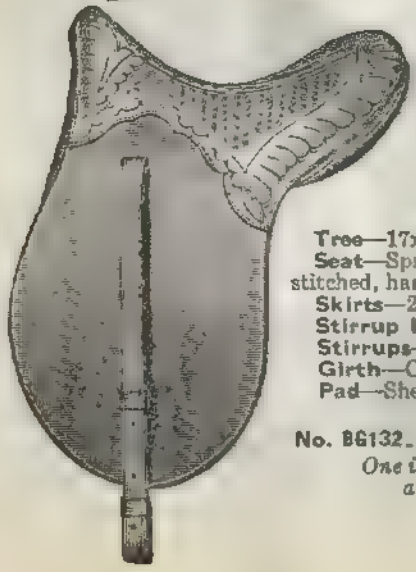
—BLUE GRASS—
STITCH DOWN
Fair Leather.

Tree—16x13 inches; deep seat.
Seat—Calf skin, star stitched, hand raised.
Skirts—24x12 inches.
Stirrup Leathers—1½ inches.
Stirrups—4 inch wood, sawed.
Girth—Corded web, to buckle.
Pad—Sheep skin, brown drill lined.

	Each
No. BG129	**$42 00**

One in carton; ship wt about 18 lbs.

—BLUE GRASS—
STITCH DOWN
Fair Leather.



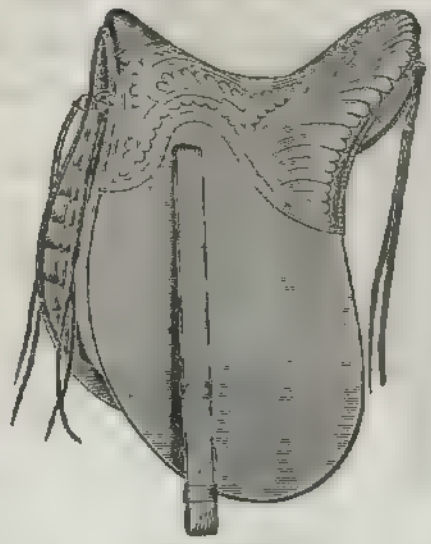
Tree—17x14 inches; deep seat.
Seat—Spring; calf skin, star stitched, hand raised.
Skirts—25½x13½ inches.
Stirrup Leathers—1½ inches.
Stirrups—4 inch wood, sawed.
Girth—Corded web, to buckle.
Pad—Sheep skin, linsey lined.

	Each
No. BG132	**$54 00**

One in carton; ship wt about 18 lbs.

MEN'S SADDLES

—BLUE GRASS—
Genuine Kentucky Spring Handmade.



Fair Leather.

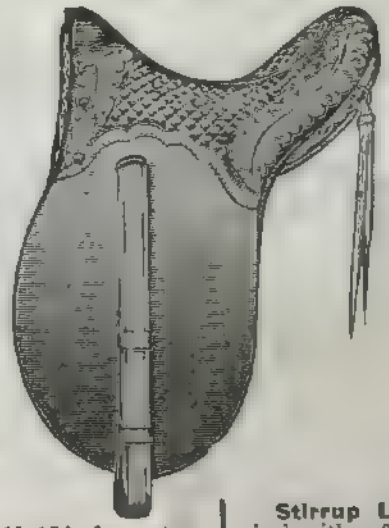
Tree—18 inch; double gullet deep seat.
Pummel—Cap.
Seat—Calfskin, quilted and hand raised, stitched to skirt by hand, seat extends on skirt 15 ins from center seam.
Skirts—28 inches long; 14¾ inches wide.
Stirrup Leathers—1½ in.
Stirrups—Large metal No. 844.
Girth—No. 1, back band web to buckle.
Pad—Sheepskin, genuine wool kersey lined.

Extra high grade saddle, hand made.

	Each
No. BG138	**$120 00**

One in carton; ship wt each 23 lbs.

-BLUE GRASS—
STITCH DOWN

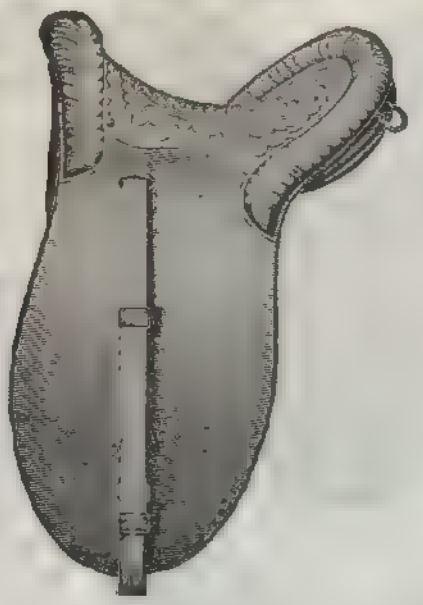


Tree—18x15 inches; extra deep seat, double gullet.
Pummel—Skirting cap; with ring in front.
Seat—Calf skin, star stitched and hand raised.
Skirts—27 in long, 14 in wide, hog skin impression.
Stirrup Leathers—1¼ inch with cuffs at bottom.
Stirrups—4 inch wood sawed.
Girth—16 cord web to buckle, double girth straps.
Pad—Sheepskin, genuine wool Kersey lined.
Tie Strings—Two.

	Each
No. BG100	**$72 00**

One in carton; ship wt each 25 lbs.

MEN'S SADDLES
STITCH DOWN



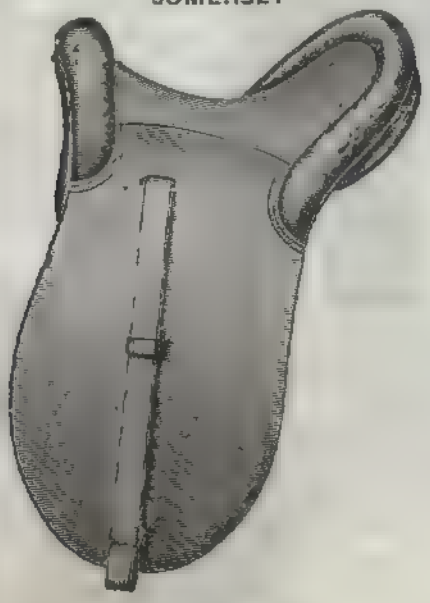
Fair Leather.

Tree—16x12 inches; deep seat.
Seat—Calf skin quilted, front and back roll.
Skirts—21x11½ inches.
Stirrup Leathers—1 inch.
Stirrups—4 inch wood, sawed.
Girth—Corded web, to buckle.
Pad—Drill lined.

Each
No. 125 ..... $40 50

One in carton; ship wt about 15 lbs.

SOMERSET

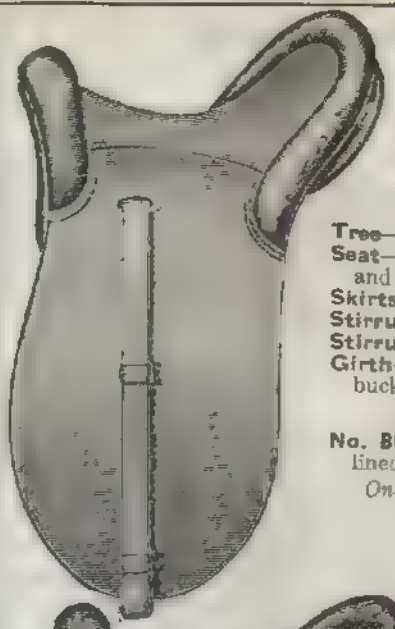


Fair Leather.

Tree—16x12 inches; deep seat.
Seat—Full, plain kip front and back roll.
Skirts—25x11¼ inches.
Stirrup Leathers—1⅛ inches.
Stirrups—4 inch wood.
Girth—Fancy cotton, to buckle.

Each
No. 0200—Leather lined pad. $43 50

One in carton; ship wt about 17 lbs.



MEN'S SADDLES

—BLUE GRASS— SOMERSET

Fair Leather.

Tree—17x14 inches; deep seat.
Seat—Plain; solid kip, front and back roll.
Skirts—25x13 inches.
Stirrup Leathers—1¼ inches.
Stirrups—4 inch wood.
Girth—Fancy cotton web to buckle.

Each
No. B60205—Leather lined pad $54 00

One in carton; ship wt about 17 lbs.

—BLUE GRASS— SOMERSET

Dark Mahogany Blue Grass Skirting Leather.

Tree—17x14 inches deep seat, double gullet.
Seat—Plain solid leather, no center seam, large front and back rolls.
Skirts—27 in. long.
Stirrup leathers—1¼ inches.
Stirrups—No. 844 metal.
Girth—4 inch, No. 0 white back band web to buckle.
Pad—Large heavy sheep skin.

Each
No. B60802—Leather lined pad $66 00

—BLUE GRASS— SOMERSET

Dark Mahogany Blue Grass Skirting Leather.

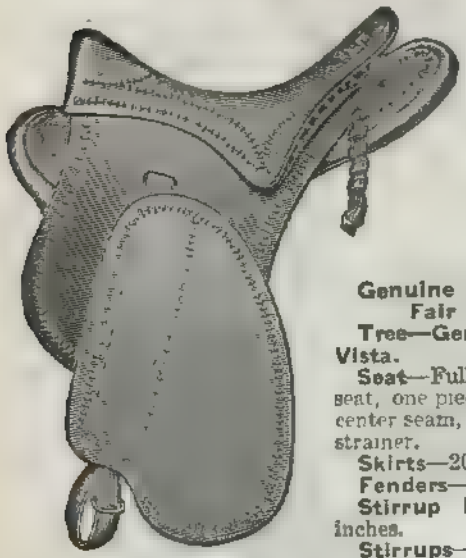
Tree—18 inch; double gullet.
Skirts—28½ in. long; 14½ inch wide; plain surface.
Seat—Full, plain kip; no seam in center; front and back roll.
Stirrup Leathers—1½ ins. sewed.
Stirrups—No. 825, steel, full leather covered.
Girth—4 in. web, stiched; with 1¼ inch layer; rings with leather safes; to tie.
Tie Straps—1¼ inch.
Pad—Sheepskin, genuine wool, leather lined; leather facing.
Tie Strings—½ inch lace leather.

Each
No. B60806 ..... $90 00

One in carton; ship wt about 25 lbs.

MEN'S SADDLES

—BLUE GRASS—



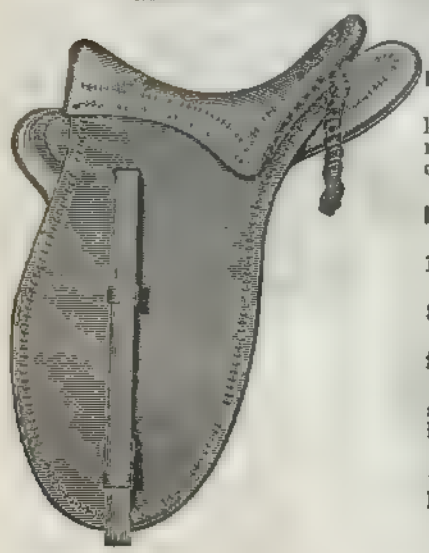
Genuine Buena Vista Fair Leather.
Tree—Genuine Buena Vista.
Seat—Full plain kip, solid seat, one piece of leather, no center seam, with double web strainer.
Skirts—20x11½ inches.
Fenders—16½x11 inches.
Stirrup Leathers—1¼ inches.
Stirrups—Virginia block.
Girth—17 cord fancy web, to buckle.
Pad—Full sheepskin top, leather lined bottom.
Coat Straps—⅝ inch, with three brass footman loops.

	Each
No. BG0717 16 in. tree	$72 00
No. BG0718—17 in. tree	75 00
No. BG0719—18 in. tree	78 00

One in carton; ship wt about 20 lbs.

—BLUE GRASS—

Genuine Buena Vista Fair Leather.



Tree—Genuine Buena Vista.
Seat—Full plain kip, one piece leather; no center seam, with double web strainer.
Skirts—26 inches long.
Stirrup Leather—1¼ inches.
Stirrups—No. 844-XC metal.
Girth—17 cord fancy web, to buckle.
Pad—Full sheepskin top, leather lined bottom.
Coat Straps—⅝ inch; with footman loops.

Nos.	**BG1717**	**BG1718**	**BG1719**
Size of tree, ins.	16	17	18
Each	$72 00	75 00	78 00

One in carton; wt 25 lbs.

MEN'S SADDLES

—BLUE GRASS—

Genuine Buena Vista. Fair Leather. The Eversole Saddle.

Extra Deep Seat. Tree—Buena Vista full 16 inch seat measure high cantle.
Seat—Solid skirting leather, no seam.
Skirts—18½x11¼ inches.
Fenders—16x10¼ inches.
Stirrups—Virginia block, or 844 metal.
Coat Straps—⅝ inch, foot, man loops.
Girth—13 cord to buckle, two girth straps.
Pad—Leather faced, genuine Kentucky Linsey lined. Each
No. BG2716 ..... $59 25

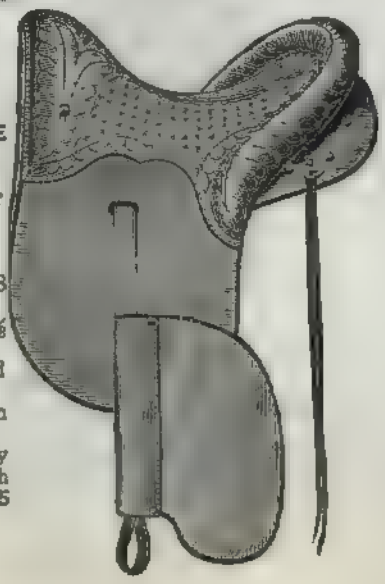
One in carton, ship wt about 23 lbs.

—CYCLONE—

Fair Leather. Buena Vista.
Tree—17 inches.
Seat—Full plain skirting, one solid piece of leather, no center seam, leather strained.
Skirt—16½x11¼ ins
Fenders—Buena Vista style 15x10 inches.
Stirrup Leathers—1⅛ inches.
Stirrups—No. 844 metal.
Girth—10 cord to buckle.
Pad—Full; sheepskin top; leather lined bottom; full hair stuffed. Each
No. 714 ..... $52 50

One in carton; ship wt each about 20 lbs.

—BLUE GRASS—
KENTUCKY KILGORE
Fair Leather.



Tree—17½ inches.
Seat—Calf skin, star stitched, hand raised.
Cantle—Roll.
Skirts—20½x12½ in.
Fenders—Pipe 13½x8½ inches.
Stirrup Leathers—1⅛ inches.
Stirrups—4 inch wood sawed.
Girth—Fancy cotton web, to buckle.
Pad—Sheep skin, grey Linsey lined. Each
No. BG150 ..... $59 25

One in carton; ship wt about 18 lbs.

MEN'S SADDLES

TENNESSEE FERGUSON
Fair Leather.

Tree—13½ inches.
Seat—Calf skin, star stitched, hand raised.
Cantle—Roll.
Skirts—14½ x 11½ inches.
Fenders—Pipe 14x8 inches.
Stirrup Leathers—1⅛ inches.
Stirrups—4 inch wood, sawed.
Girth—Corded web, with ring.
Bars—Leather covered.
Tie Straps—1 inch.

Each
No. 164.....$43 50
One in carton; ship wt each about 18 lbs.

WAGON, KILGORE

Black Leather.

Tree—17 inches; deep seat.
Seat—Solid black leather.
Skirts—28x13 inches.
Stirrup Leathers—1⅛ in.
Stirrups—4 inch wood, sawed.
Girth—Corded web, to buckle.
Pad—Sheepskin, brown drill lined.

Each
No. 178.....$41 25
One in carton; ship wt about 18 lbs.

McBRIDE

Tree—14½ in., canvas covered.
Stirrup Leathers—1⅛ in.
Tie Straps—1⅛ in.
Girth—4 in. carded ring.
Fenders—16½ in. long, 9¼ in. wide.
Stirrups—4 in. wood.
Pommel Nails—Brass.
Ring—Leather covered.
Small Rings—Brass.
Tie Strings—4.

Each
No. 820.....$46 50
No. 830—With quilted seat.....57 00
One in carton; wt each 18 lbs.

MEN'S SADDLES

GENUINE McBRIDE

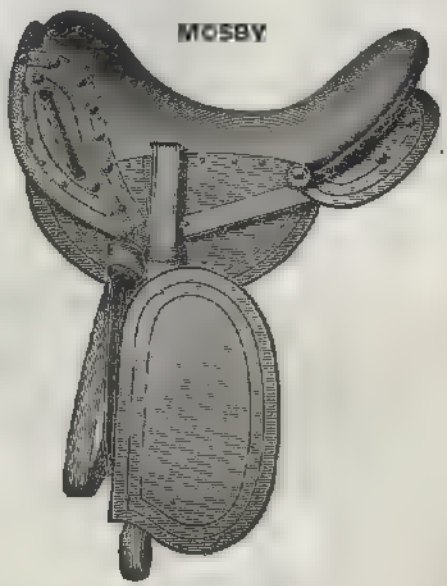
Russet Leather.

Tree—14½ inch seat measure, canvas covered.
Stirrup Leathers—1¾ in.
Tie Straps—1¼ inch.
Girth—4 inch corded ring.
Fenders—21 in. long; 11 in. wide.
Stirrups—4 inch wood.
Pommel Nails—Solid brass.
Small Rings—Solid brass.
Large Rings—Leather covered.
Tie Strings—4.

Extra large housings and skirts, extra heavy stock throughout.

Each
No. 828.....$57 00
One in carton; ship wt each about 18 lbs.

MOSBY



Russet Leather.

Tree—18½ inches.
Front Piece—Stitched to skirt; with hand hold.
Seat—Full kip.
Skirts—13 inches.
Fenders—13x7¼ inches.
Stirrup Leathers—1 inch.
Stirrups—4 inch wood, sawed.
Girth—Corded web, with ring.
Bars—Felt covered.
Tie Straps—1 inch.

Each
No. 155.....$29 25
One in carton; wt each 18 lbs.

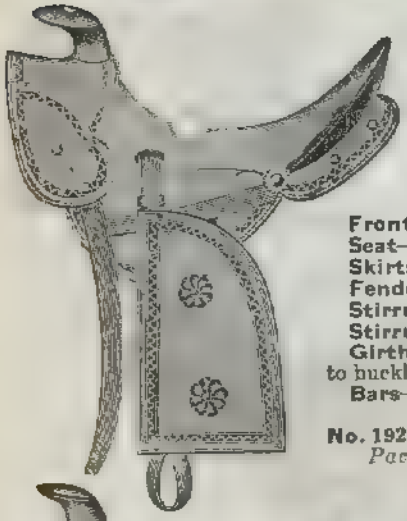
MEN'S SADDLES

McCLELLAN

Tree—17½ inches; with holes and brasses.
Seat—Harness leather, open center.
Skirts—12½ x12 inches.
Fenders—12½x8 inches.
Stirrup Leathers—1⅛ inch.
Stirrups—4 inch wood, sawed
Girth—Corded web, with ring
Bars—Felt covered.
Tie Straps—1⅛ inches.
Coat Straps—⅞ inch, with buckle.

	Each
No. 270B Black Leather	$39 00
No. 270F Fair Leather	40 50

One in carton; wt each 16 lbs.

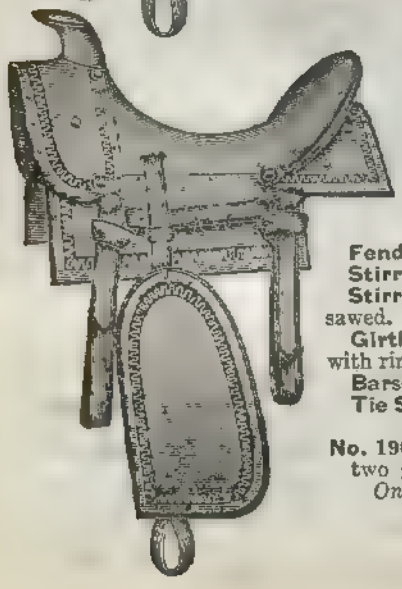


HORN MORGAN

Fair Leather.
Tree—13 in.; Horn Morgan.
Horn—Leather covered.
Front Piece—Fancy.
Seat—Solid kip.
Skirts—11 inches.
Fenders—11¼ x7 inches.
Stirrup Leathers—1 inch.
Stirrups—3 inch bent wood.
Girth—Fancy cotton web, to buckle.
Bars—Felt covered.

	Each
No. 192	$21 00

Packed loose; ship wt about 10 lbs.



HORN MORGAN

Fair Leather.
Tree—13 inches.
Horn—Leather covered.
Front Piece—Fancy.
Seat—Solid kip.
Skirts—12¾ inches.
Fenders—12x6¾ inches.
Stirrup Leathers—1 inch.
Stirrups—4 inch, wood, sawed.
Girths—2 fancy corded web, with ring.
Bars—Felt covered.
Tie Straps—1 inch.

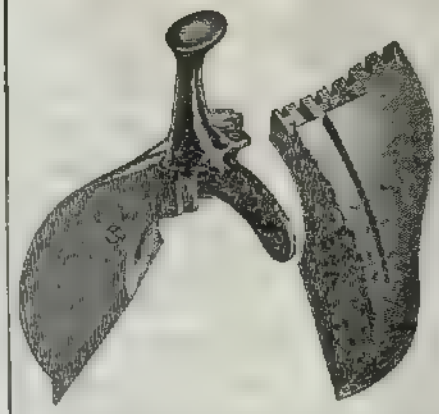
	Each
No. 196—Double rigged, two girths	$30 75

One in carton; ship wt about 16 lbs.

MEN'S SADDLES

—BLUE GRASS—

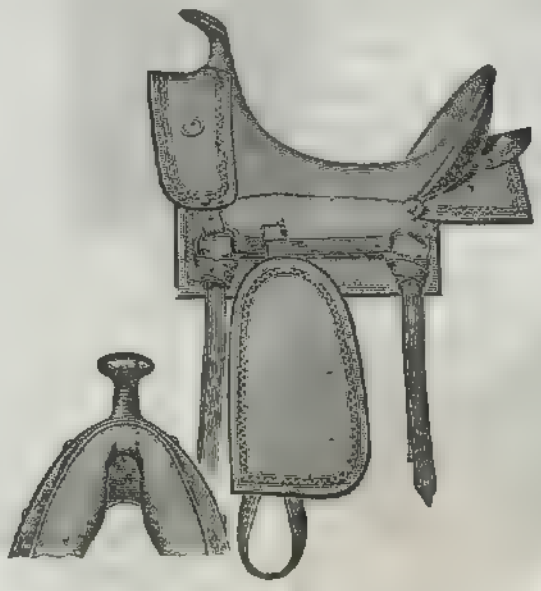
TEXAS



This cut shows the construction of the "Sampson" tree now used in all our Texas Saddles which makes the horn and fork so strong that we guarantee it to stand any strain.

The wood fork is made of two pieces of selected dry timber, dovetailed, glued and compressed together by machinery. The Base of the Steel Horn is countersunk into the "**Inlock**" Wood Fork. The steel horn is then "Keyed" by inserting a 3½ inch screw or bolt through the fork, through the horn and then into the wood in front.

TEXAS



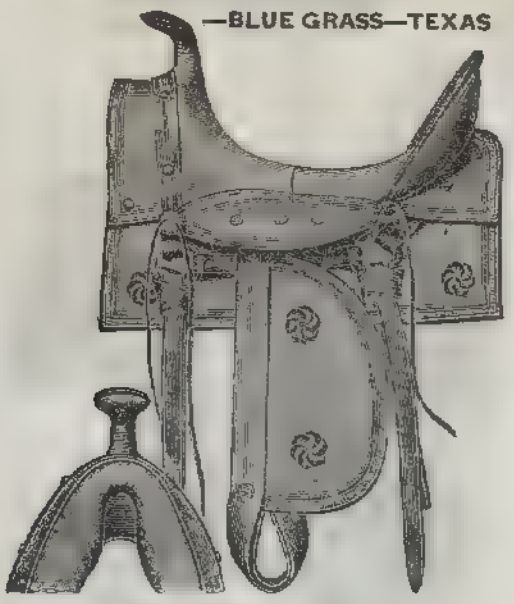
Fair Skirting Leather.

Tree—14 inches, deep seat.
Horn—Sampson steel, leather covered.
Front—8 inches wide.
Seat—Full, one piece.
Cantle—Bumper style, stitched.
Skirts—14 inches.
Fenders—7¼x12¾ inches.
Stirrup Leathers—1 inch.
Stirrups—No. 15, 4 inch, sawed.
Girths—Corded ring.
Bars—Felt covered.
Latigoes—1 inch.

	Each
No. BG198	$36 75

One in carton; ship wt about 17 lbs.

MEN'S SADDLES
—BLUE GRASS—TEXAS

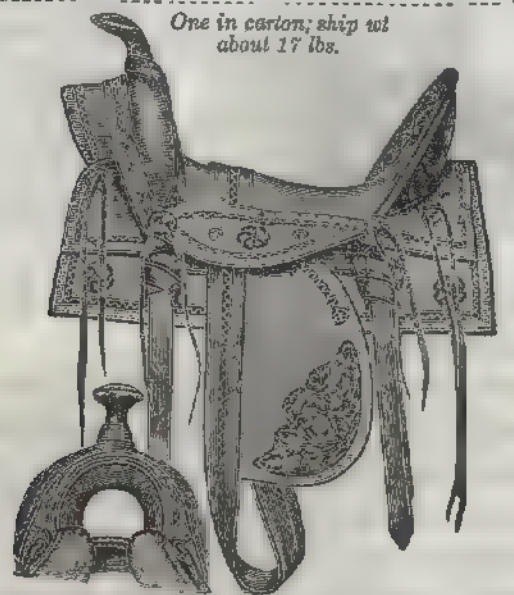


Russet Skirting Leather.

Tree—14 inches, deep seat.
Horn—Sampson steel, leather covered.
Front—8 inches wide.
Seat—Full covered, two piece.
Cantle—Bumper style, stitched.
Jockey—11x4½ inches.
Skirts—19½ inches.
Fenders—12½x7½ inches.
Stirrup leathers—1¾ inches.
Stirrups—No. 15, 4 inch, sawed.
Girths—Cotton.
Bars—Felt covered.
Latigoes—1 inch.

Each
No. BG1259 ..... $47 25

One in carton; ship wt about 17 lbs.



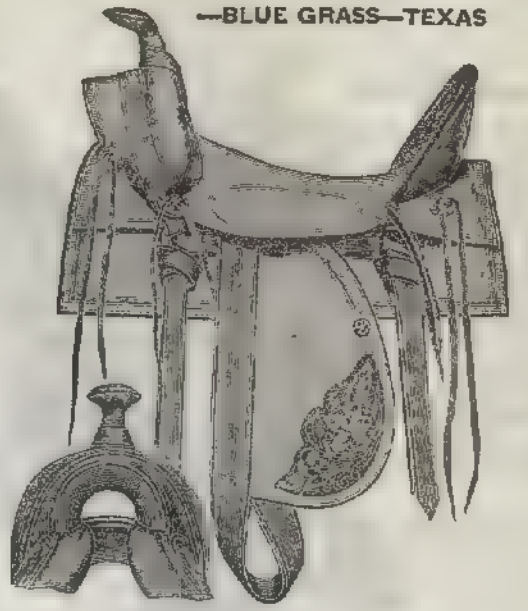
Russet Skirting Leather.

Tree—14½ ins.; deep seat.
Horn—Sampson steel, leather covered.
Front—10 inches wide.
Seat—Half.
Cantle—Bumper style, bound and stitched.
Jockey—12x4½ inches.
Skirts—22x12in.; felt lined.
Fenders—13x8½ inches.
Stirrup leathers—2 ins.
Stirrup—No. 15, 4 inch sawed.
Girths—3 inch woven hair.
Latigoes—1¼ ins. wide.

Each
No. BG1264 ..... $60 00

One in carton; ship wt about 22 lbs.

MEN'S SADDLES
—BLUE GRASS—TEXAS



Russet Skirting Leather.

Tree—14½ ins., deep seat.
Horn—Sampson steel, leather covered.
Front—10 inches wide.
Seat—Full, with Jockey.
Cantle—Bumper style, bound and stitched.
Skirts—22x12in., felt lined.
Fenders—18½x9 inches.
Stirrup leathers—2 ins.
Stirrups—Ox Bow.
Girths—Jute.
Latigoes—1¼ ins. wide.

Each
No. BG1266 ..... $69 00

One in carton; ship wt about 22 lbs.

—BLUE GRASS— TEXAS

Dark Mahogany Skirting Leather Fancy Stamped

Tree—14½ inch extra deep seat.
Horn—Sampson, steel leather covered.
Front—Swell; 12½ inches wide.
Front Piece—jacket style.
Seat—Full, with jockey.
Cantle—Bumper style, bound and stitched.
Jockey—12x5¼ inches.
Skirts—23x12¼ inches; heavy felt lined.
Fenders—14x9½ inches.
Stirrup Leathers—2¼ inches.
Stirrups—4 inch wood.
Girths—No. 404 jute ring.
Rings—Leathered covered.
Latigoes—1½ inch.

Each
No. BG1267 ..... $81 00

One in carton; ship wt about 25 lbs

MEN'S SADDLES
—BLUE GRASS—TEXAS

Russet Skirting Leather.

Tree—14½ ins., deep seat.
Horn—Sampsonsteel, leather covered.
Front—10 ins. wide.
Seat—Full, with Jockey.
Cantle—Bumper style, bound and stitched.
Skirts—22x12½ ins., felt lined.
Fenders—13¾x8¾ in.
Stirrup leathers—2¼ inches.
Stirrups—Ox Bow.
Girths—15 strand, hair.
Rings—Leather covered.
Latigoes—Long, 1¼ in. wide.
Latigoes—Short, 1¼ in. wide.

	Each
No. BG1270	**$82 50**

One in carton; ship wt about 25 lbs.

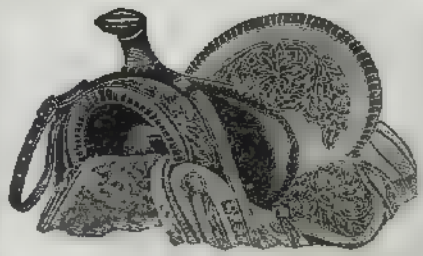
Russet. Skirting Leather, Extra Deep Seat.

Tree—16 inches, deep seat.
Horn—Sampson steel, leather covered.
Front—12 inches wide.
Seat—Full, with Jockey.
Cantle—Bumper style, bound and stitched.
Skirts—27½x16½ inches; woolskin lined.
Fenders—16x10 inches.
Stirrup Leathers—3 ins.
Stirrups—No. 825 steel, leather covered.
Girths—20 strand hair.
Rings—Leather covered.
Latigoes Long, 1½ inch wide.
Latigoes—Short, 1¼ inch wide.

	Each
No. BG1630	**$147 00**

One in carton; ship wt about 35 lbs.

MEN'S SADDLES
—BLUE GRASS—TEXAS



Dark Mahogany Blue Grass Skirting Leather.

Tree—Beef hide covered, 15 in. seat measure, deep seat.
Horn—Sampson steel leather covered.
Front—15 ins. wide.

Front Piece—Bumper style, laced with kip and rope strap.

Seat—Full seat and jockey one piece.

Cantle—Bumper style, stitched and edge laced with kip.

Skirts—27½x14½ inches, full lined with wool sheep skin.

Fenders—16x10 inches.

Stirrup Leathers—3 inch, laced.

Stirrups—No. 825 steel, leather covered.

Girths—20 strand hair, with leather safes wool sheep skin lined.

Rings—3 inch, leather covered.

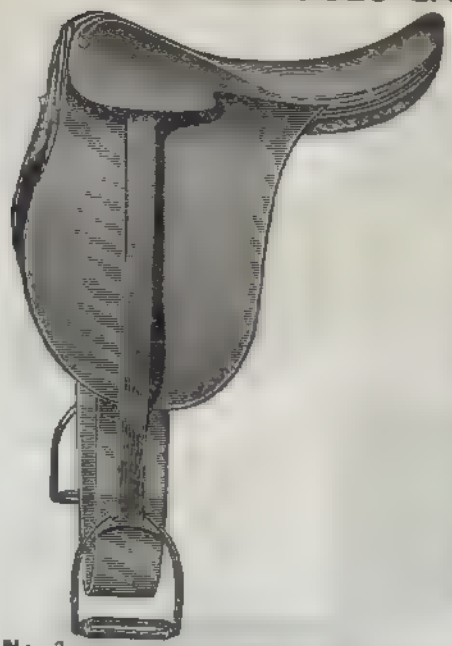
Latigoes—Long, 2 inches wide; short 2 inches wide.

Can be furnished in russet skirting in place of mahogany skirting at same price.

	Each
No. BG1632	**$171 00**

One in carton; ship wt about 40 lbs.

PARK AND POLO SADDLES



Fair Leather.
Tree—15 ½x9 inches; hardwood with patent stirrup bars.
Seat—Pigskin seat.
Skirts—21 x 13 inches; pigskin impression.
Stirrup Leathers—1⅛ inch with English stirrup buckles.
Stirrups—Metal, nickel plated.
Girths—Two 4 inch white English worsted girth to buckle.
Pad—Sheepskin top, calfskin faced, heavy pliable leather bottom.

	Each
No. 3	$120 00

No. 30—Same as No. 3 except with kneepuff pigskin covered, star steel non-rust stirrup with rubber tread 135 00

One in wood box; wt each about 30 lbs.

ENGLISH TYPE, 2nd. QUALITY
Fair Leather.

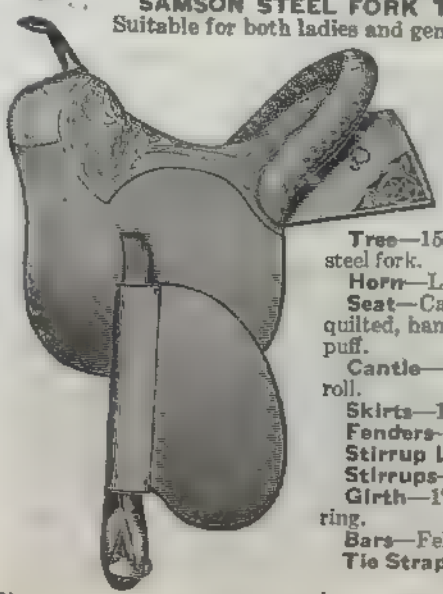
Tree—15½x9 inches; hardwood with patent stirrup bars
Seat—Calfskin.
Skirts—21x12 inches.
Stirrup Leathers—1⅛ inch.
Stirrups—844XC metal.
Girth—4 inch web.
Pad—Sheepskin top, Kentucky wool Linsey bottom.

	Each
No. 106	$60 00

One in wood box; wt each about 30 lbs.

LADIES' SADDLES

SAMSON STEEL FORK TREE
Suitable for both ladies and gentlemen.



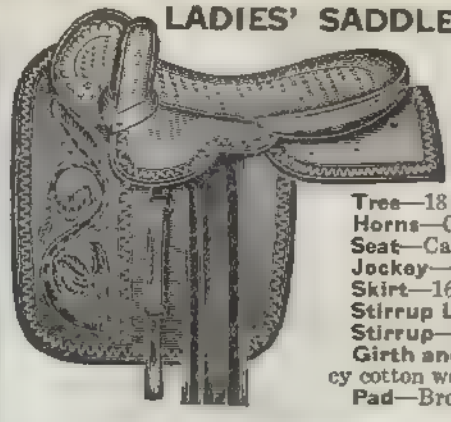
LADIES' ASTRIDE OR CANBY
Fair Leather.

Tree—15½ inches; Sampson steel fork.
Horn—Leather covered.
Seat—Calf skin; fancy quilted, hand raised, with front puff.
Cantle—Fancy, hand raised roll.
Skirts—16x13½ inches.
Fenders—13½x8¼ inches.
Stirrup Leathers—1⅛ ins.
Stirrups—4 in. wood, sawed.
Girth—17 cord web, with ring.
Bars—Felt covered.
Tie Straps—1 inch.

	Each
No. 249	$60 00

One in carton; ship wt about 15 lbs.

LADIES' SADDLES



MORGAN SIDE
Fair Leather.

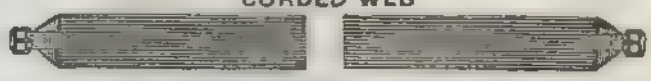
Tree—18 inches.
Horns—Calf skin covered.
Seat—Calf skin; star stitched.
Jockey—5½ inches.
Skirt—16¾x16 inches.
Stirrup Leather—⅞ inch
Stirrup—Metal XC plated.
Girth and Surcingle—Fancy cotton web.
Pad—Brown drill lined.

	Each
No. 1128	$49 50

One in carton; ship wt about 15 lbs.

SADDLE GIRTHS

CORDED WEB



Corded cotton, heavy leather chapes, fancy colors.

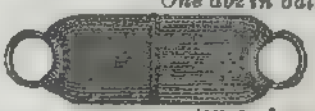
	With Buckles				With Rings	
Nos.	110	111	113	116	013	016
Number of cords	10	11	13	16	13	16
Width, ins	2½	2¾	3	3	3	4
Length, ins	45	45	45	45	36	36
Wt per doz, lbs	5½	5½	6	7	4	5
Per Doz	$11 25	12 00	13 95	15 00	12 60	13 20

One doz in bdle.

MEXICAN JUTE
Length 30 ins; width 4 ins.

Nos.	Japanned Rings	Tongue in one Ring	Tongue in Both Rings
	404	1404	2404
Per Doz	$12 00	12 75	13 50

One doz in bdle; wt per doz 7½ lbs.



TEXAS STRING
White Cotton, Fancy Colored Bar.
Length 30 inches.

With Japanned Rings.

Nos.	315	316	318	320
Number of cords	15	16	18	20
Wt per doz, lbs	6½	6½	7	7½
Per Doz	$10 95	11 55	12 00	12 75

With Tongue in one Ring.

Nos.	1315	1316	1318	1320
No of cords	15	16	18	20
Wt per doz, lbs	6½	6½	7	7¼
Per Doz	$11 70	12 00	12 75	13 50

With Tongue in both Rings.

Nos.	2315	2316	2318	2320
No. of cords	15	16	18	20
Wt per doz, lbs	6½	6½	7	7½
Per Doz	$12 45	12 90	13 65	14 55

Soft Gray Hair, Japanned Rings.

Nos.	415	416	418
Number of cords	15	16	18
Wt per doz, lbs	8	8¼	8¾
Per Doz	$13 80	14 25	15 00

With Tongue in one Ring.

Nos.	1415	1416	1418
No. of cords	15	16	18
Wt per doz lbs	8	8¼	8¾
Per Doz	$14 55	15 00	16 05

With Tongue in both Rings.

Nos.	2415	2416	2418
No. of cords	15	16	18
Wt per doz, lbs	8	8¼	8¾
Per Doz	$15 30	16 75	16 50

One doz in bdle.

TINNERS' SNIPS

—PINE KNOT—Pocket.

Drop forged steel, carefully tempered; highly polished blades; black japanned finished handles.

Per Doz

No. 72—Cut 2 ins; length over all 7 ins..... $16 50

Half doz in box; wt per doz 6¼ lbs.

—PINE KNOT—

Solid drop-forged from carbon steel; carefully tempered; polished cutting edges; japanned handles; machine hollow ground.

Per Doz

No. 40—Cuts 3¼ ins; length 12 ins..... $21 60

Half doz in box; wt per doz pair 12½ lbs.

NEW STAR

Cast iron, ground blades, polished; japanned handles.

Nos.		
Cut, ins	2½	3
Length, over all, ins	11	12
Wt per pair, lbs	12	24
Per Doz Pairs	$13 50	16 00

Half doz pairs in cardboard box.

P. S. & W. Circular.

Drop forged of refined iron, with cast steel laid blades, properly hardened; black enameled handles.

Nos.	C9	C8	C7
Cut, ins	3	3½	4
Length over all, ins	12	12½	14½
Wt per pair, lbs	1½	2	2½
Per Pair	$8 25	9 00	10 50

One pair in paper.

—PINE KNOT—

Drop forged steel, with crucible steel laid blades polished; black japanned handles.

Nos.	10	9	8	7	6½
Cut, ins	2½	3	3½	4	4½
Length over all, ins	10	11	12½	14	15
Wt per pair, lbs	1	2	2¼	2¾	3
Per Pair	$3 75	4 05	4 80	5 70	6 75

Two pairs in carton.

LYON, Circular and Scroll.

Best steel blades, polished; forged handles, maroon enameled; made so as to easily cut circles, scrolls, etc.

Nos.	190	180	170
Cut, ins	2¼	3	3½
Length over all, ins	12½	13	14
Wt per pair, lbs	1½	1¾	2¼
Per Pair	$5 40	6 00	6 75

One pair in cardboard box.

TINNERS' SNIPS

PEXTO

Improved Trojan.

Drop forged steel, crucible tool steel laid blades, full polished; gun metal finish handles. Specially designed for straight and irregular cutting, small circles and scrolls. Will cut 26 gauge metal.

Per Pair

No. 79—Length cut 2½ ins; length over all 13 ins..... $8 25

One in carton; wt per pair 2 lbs.

BERRIDGE, Double Cutting.

Drop forged of refined iron, center blade of solid steel tool; outer jaw laid steel; polished jaws; japanned handles; blades can be inserted in metal at any point; will cut stove pipe, bottom of pails, cans, etc., also suitable for round or square work; size cut 2 inches, length over all 13½ inches.

Each

No. 38—Wt each 2 lbs..... $7 50

No. 28—With solid steel crimping attachment; wt each 2¼ lbs..... 8 25

One in carton.

BLUE BIRD

Combination Pattern.

Drop forged, heat treated, full polished high carbon steel blades; royal blue enameled handles. Combination pattern adapted for cutting straight, circular and irregular shapes.

Per Doz

No. 212—Cut 3 ins; length over all 12 ins..... $37 50

Two pair in cardboard counter display box; wt per doz 18 lbs.

ALUMINUM SOLDER

SUPREME, Household Size.

Small Bars on Display Cards.

For repairing household utensils, small aluminum castings, aluminum patterns, etc. Will solder aluminum to aluminum or aluminum to any other metal, melting point 500° fahrenheit.

Prices on Application

Per Card

No. 12S—Wt per card about 1 lb.....

One doz bars on display card.

SUPER, Garage Size.

Half Pound Bars.

For repairing automobile parts, heavy aluminum casting and aluminum patterns, as are usually repaired by garage men. Will solder aluminum to brass, wrought iron copper or aluminum; melting point 500° fahrenheit.

Prices on Application

Per Lb

No. 6A—Length 14⅛ ins; width ⅝ ins; depth 1¼ ins

Packed loose.

SOLDER

—BELKNAP'S GUARANTEED—

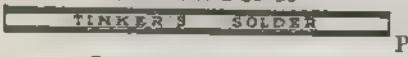
All solder sent out by this company is guaranteed to conform in percentage of materials composing it to the percentages indicated in describing it. Owing to the difficulty of consumers in getting honest solder, we have discarded the conventional method of description and changed to below. The first two figures given in each case indicate the percentage of tin and the next two figures the percentage of lead. Each bar of solder excepting wire solder, sent out by us will be stamped to show the percentages of tin and lead. In about 2 pound bars.

Per 100 Lbs

No. 38-62—Called No. 1 tinners' .....
No. 40-60—Called commercial half and half...
No. 45-55—Called strictly half and half.....
No. 50-50—Belknap guaranteed half and half..
No. 38P—38-62 Plumbers' wiping.....
Prices on Application

100 lbs in wood box.

TINKER'S 50-50

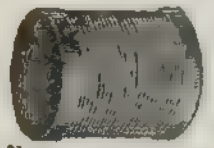


Per Doz Bars

Prices on Application

No. 6—Size 6½x½x¼ in; approx 10 bars to the lb

One gro in wood box; wt per gro about 15 lbs.



WIRE SOLDER

A composition of lead and tin; on spools.

40% Tin; 60% Lead.

Nos.	8-10	10-10	8-60
Size spool, lbs	10	10	60
Gauge wire	8	10	8

Per 100 Lbs..... **Prices on Application**

50% Tin; 50% Lead. Per 100 Lbs

No. 8-5—5 lb. spools; No. 8 gauge wire **Prices on Application**

IN HANKS

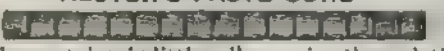
A composition of lead and tin, **40% tin, 60% lead.**

Per Doz Hanks

No. 9-9—No. 9 gauge wire; 9 hanks to a lb..... **Prices on Application**

One doz in carton; 2¼ doz in case.

KESTER'S PASTE CORE



This solder contains, in little cells running through the center of each stick, all the flux necessary. A perfect union can be made by laying a small piece of this solder on the parts to be joined and melting it with a gasoline torch or soldering iron.

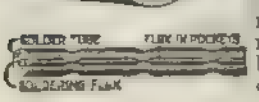
Non-corrosive and is especially adapted to electrical work.

Per 100 Lbs

No. 1—18 in. sticks, 5 sticks to lb..
No. 4—18 in. sticks, 25 sticks to lb
Prices on Application

5 lbs in box.

KESTER'S ACID CORE, SELF-FLUXING



The solder is a hollow wire filled with an acid soldering flux of Strait's tin and St. Joe lead. The solder tube is a series of cells each separated from the others so that excess flux can not flow from remaining cells.

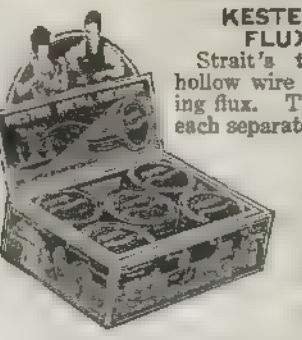
A practical solder for all general repair work including automobile repairs, household utensils, etc. Can be used with or without soldering copper etc., ⅛ inch in diameter.

Per 100 Lbs

No. T-1ACS—1 lb. spools.....
No. T-5ACS—5 lb. spools.....
No. T-10ACS—10 lb spools.....
Prices on Application

WIRE SOLDER

KESTER'S ACID CORE, SELF-FLUXING, Household Size.



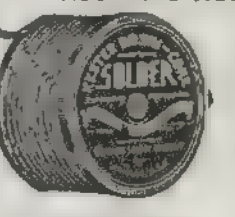
Strait's tin and St. Joe's lead. A hollow wire solder filled with an acid soldering flux. The solder tube is a series of cells each separated from the others so that excess flux can not flow from remaining cells A practical solder for all general repair work including radio parts, household utensils, automobiles, etc. Can be used with or without soldering copper, etc. Per Carton of 10

Prices on Application

No. T-10MM—Diam ⅛ in; ½ lb in tin box.....

10 boxes in counter display stand; wt per carton 3 lbs.

KESTER'S ROSIN CORE, SELF FLUXING



A hollow wire solder filled with rosin soldering flux. The solder tube is a series of cells, each separated from the others so that excess flux can not flow from remaining cells. Especially designed for radio, telephone, switchboard and delicate electrical work; will not splatter or corrode. Can be used with or without soldering coppers.

Diameter 1/32 inch. Per 100 Lbs

No. T1R—1 lb spools.....
No. T5R—5 lb spools.....
Prices on Application

KESTERS ROSIN CORE, SELF-FLUXING RADIO SOLDER

A hollow ribbon of genuine tin and lead having inside a pure rosin flux, which is in proportion to the surrounding solder and feeds out as solder is used. Designed for assembling and repairing radio sets, switch board and other delicate electrical work. Per carton of 10

Prices on Application

No. T10RR—About ¼ lb in tin box...

10 boxes in counter display stand; wt per carton 3 lbs.

SOLDER

LOTAN SUPER-SOLDER

Household package in paste form. Easy, quick, clean, safe and economical. Requires no acid or soldering iron. Applied with end of match or brush.

Makes a smooth, clean, permanently strong connection.

Mends pots and pans, electrical connections, automobile radiators, jewelry, radio wiring, etc. Can be used on gold, silver, brass, copper, tin, zinc, etc.

24 small, neat friction top cans mounted on a beautiful counter display board.

Per Board

No. 14—Display board will not be broken; wt per board 4 lbs..... **Prices on Application**

One board in carton.

BAR LEAD

For ingot lead, see Department 8. Per 100 Lbs

No. 4—In 4 oz bars, 25 lbs to box..... **Prices on Application**

SOLDERING COPPER HANDLES

Hardwood, plain finish, metal ferrule, tinned.

Per Doz

No. 1 Large; length 5⅝ ins; for coppers 2½ to 6 lbs; $2 40
No. 2—Small; length 5¼ ins; for coppers 1 to 2½ lbs; 2 25

Packed loose; No. 1 wt per doz 2¼ lbs; No. 2, 2 lbs.

SOLDERING COPPERS

Best quality drawn copper bolts shaped under a hammer.

Nos.	1	1½	2	2½	3	4	5	6
Wt per pair, lbs	1	1½	2	2½	3	4	5	6
Length copper, ins	3	4¼	4¼	5½	5½	5¾	5	6¼
Length over all, ins	11	12	13	13½	14½	16	16	17¾
Per Pair	Prices on Application							

Packed loose.

HANDY

Pure copper point, heavily tinned; hardwood handle, black enameled; nickel plated ferrule. For radio, electrical and household soldering.

Per Doz

No. A—Length 9¾ ins ..... **Prices on Application**

One doz in carton containing display card with one mounted; wt per doz 1½ lbs.

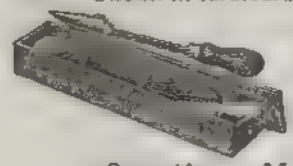
SOLDERING SETS

Octagon soldering copper, 9 inches long, with black enameled handle; scraper with black enameled iron handle, 5¼ inches; box of rosin, bar of solder and piece of tin for tinning the copper.

Per Doz Sets

No. 56—Household size $10 20

One set in cardboard box; wt per doz sets 9 lbs



Round soldering copper, tinned 10½ inches long, with twisted wire shank securely fastened in basswood handle. Box of powdered rosin and bar of solder, also instructions for using. Per Doz Sets

No. 2—Family size .. $30 00

One set in wood box; wt per doz sets 12 lbs.

ELECTRIC SOLDERING COPPERS

Blued steel casing; between casing and element is a layer of asbestos. Smooth hardwood handle; 6 feet flexible cord and attachment plug. For general work.

With One Tip.

Nos.	200	300
Volts	110	110
Watts	200	300
Diam casing, ins	1⅛	1⅛
Diam tips, ins	1	1¼
Length over all, ins	16	16
Wt each, lbs	2¼	3
Each	$22 50	27 00

One in cardboard box.

DOVER

Blued steel casing; between casing and element is a layer of asbestos; smooth hardwood handle, varnished; 6 feet flexible cord and attachment plug. For switch board work, engraving, electrotyping, radio, etc.

With One Tip. Each

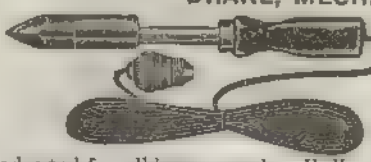
No. 100—110 volts; 100 watt; diam casing 11/16 in; diam tips 3/16 in; length tips 1 7/16 in; length over all 13¾ ins $19 60

One in cardboard box; wt each 1¼ lbs.

ELECTRIC SOLDERING COPPERS

D 1

DRAKE, MECHANICS



Elements wound with nichrome wire on lava spool; removable solid copper tip; ebonized wood handle. A practical and economical iron adapted for all heavy work. Will operate on either alternating or direct current. Complete with 6 feet of cord and separable attachment plug.

Each

No. 703—110 volts; length 12 ins; size tip 1x2¼ ins .. $12 75

One in cardboard box; wt each 1¼ lbs.

DRAKE, RADIO

Elements wound with nichrome wire on lava spool; removable solid copper tip; ebonized wood handle, light weight point. For radio, electric switch boards and other delicate work. Will operate on either alternating or direct current. Complete with 6 ft. of cord and separable attachment plug.

Each

No. 603—110 volts; length 11½ ins; size tip ⅜x2¼ ins .. $6 75

One in cardboard box; wt each 1 lb.

DRAKE, JUNIOR

Elements wound with nichrome wire on lava spool; solid copper tip; ebonized wood handle. Will operate on either alternating or direct current. Complete with 6 feet of cord separable attachment plug.

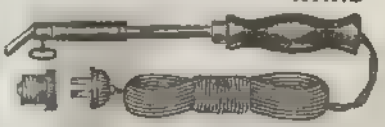
Light weight copper; especially adapted for general house hold purposes.

Each

No. 803—110 volts; length 11½ ins; size tip ⅝x2 ins $4 50

One in cardboard box; wt each ¾ lbs.

WARD



Highest grade nichrome wire, wound on special lavarock core; mica lining thoroughly insulates inside of sleeve; solid copper swivel point adjustable to any position to 45 degrees; all metal parts electro nickel plated; hardwood handle, baked rubberoid finish. Will operate on either alternating or direct current. Complete with 6 feet of cord with separable attachment plug.

Each

No. 169—105 to 115 volts; length 18¼ ins; size tip ⅜x1¼ ins $6 00

One in cardboard box; wt each ¾ lb.

MELTING LADLES

Malleable iron, double lipped.

Nos.	4	5	6
Diam of bowl, ins	4	5	6
Length over all, ins	16	19	21
Wt per doz, lbs	16	24	30
Per Doz	$7 95	12 75	15 00

Packed loose.

Wrought iron, double lipped, with eye for hanging.

Nos.	3½W	4W
Diam bowl ins	3½	4
Lead capacity, lbs	3¼	4
Length of handle, ins	13	14
Wt per doz, lbs	15	16
Per Doz	$23 25	27 75

Packed loose.

GAS FURNACES

Double Burner.

Top of heavy sheet-iron brick lined. Each

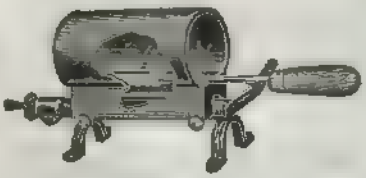
No. 2—Length 14½ ins; width 8½ ins; height 7 ins..... $19 80

One in wood box; wt 12¾ lbs.

Single Burner.

Cast iron base, legs and burner, sheet iron hood.

Price does not include soldering copper.



Each

No. 1—Length 15¼ ins; diam 3¼ ins; height 7½ ins... $12 75

Packed loose; wt each 4½ lbs.

FIRE POTS

BUTTLE'S PATTERN Burns Charcoal.

Japanned sheet iron body, cast iron legs, base, door and sliding top; base burner with double damper and reversible flue. Fitted with wire bail, wood handle.

Each

No. 2—Height over all 16¾ ins; diam 8 ins; opening 3¾x2¼ ins....$16 50

One in crate; wt each 19 lbs.

CLAYTON AND LAMBERT

Heavy gauge seamless drawn steel tank, reinforced, tinned inside and out, fitted with cushion protection band preventing injury to base of tank. Supplied with a large funnel and filler plug having a dust-proof cap. Removable top section permits producing an open fire. Each

No. 60—Capacity ¾ gal; height over all 15 ins; diam base 8¼ ins.....$19 50

One in carton; wt each 11 lbs.

CLAYTON AND LAMBERT

Burns Gasoline Only.

Heavy gauge seamless drawn steel tank reinforced, tinned inside and out, fitted with patented cushion protection band preventing injury to the base of the tank. Supplied with a large funnel and filler plug having a dust proof cap. Top section can be removed, thus producing an open fire. Each

No. 1—Capacity 1 gal; height over all 13 ins; diam base 9⅝ ins..... 33 00

One in box; wt each 13 lbs. *$34 60*

Each

No. 1-MP—Melting pot for No. 1, extra..... 1 95 *$1 65*

FIRE POTS

CLAYTON AND LAMBERT

Burns Gasoline Only.

Heavy gauge seamless drawn steel tank, tinned inside and out, fitted with cushion protection band at base. Supplied with brass ears, elbows, tees, pump, large funnel and filler plug with dust-proof cap, also three piece coil cup and top plate which enables operator to remove section by unscrewing three large brass nuts exposing burner and coil. Rubber bulb and hose fastened to brass fitting with check valve; wire bail with wood handle.

Each

No. 12—Capacity 1 gal; height over all 17 ins; diam of base 8½ ins..... 24 00

One in carton; wt each 12 lbs. *$25 80*

Each

No. 12MP—Melting pot for No. 12, extra..... 1 95 *$1 65*

No. 12-22—Extra coils for No. 12..... 2 25

CLAYTON AND LAMBERT

Burns Gasoline Only.

Heavy gauge seamless drawn steel tank, tinned inside and out making it rust proof. Fitted with cushion protection band at base and supplied with automatic brass air pump, brass ears, elbows, tees, large funnel and filler plug with dust proof cap, also three piece coil cup and top plates which permits operator to remove section by unscrewing large brass nuts exposing burner and coil. The coil is made of extra heavy pipe and the burner of steel. The needle point valves are fitted with stuffing boxes.

Each

No. 22—Capacity 1 gal; height over all 17 ins; diam of base 8½ ins..... 24 00

One in carton; wt each 12 lbs. *$25 00*

Each

No. 22 MP—Melting pot for No. 22, extra..... 1 95 *$1 65*

No. 12-22—Extra coils for No. 12..... 2 25

TURNER

Burns Gasoline or Kerosene.

Heavy steel, rust-proof tank, inlets welded and bottom rolled in and sealed; dust-proof cap; large parachute principle pump; malleable top plate; heavy steel coil cup and one piece hood; hinged tilted top section, when tilted exposes the coil, burner, shut-off valve and makes drip cup accessible for removing solder; steel uprights welded to tank and securely bolted to top plate. Heavy wire bail.

Each

No. 6—Capacity 10 pints; height over all 14 ins; diam base 9¼ ins.....$19 50

One in carton; wt each 11 lbs.

TURNER

Burns Gasoline Only.

Seamless drawn steel tank, bottom welded in. Spider casting supports the uprights and eliminates leaks

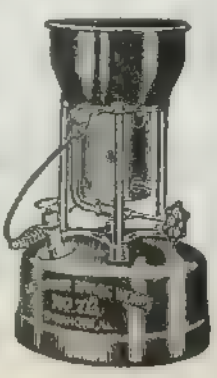
Extra large uprights and one piece coil cup sufficiently heavy to withstand rough use and abuse, will not warp.

Malleable top plate and one piece shield furnished.

Each

No. 76—Capacity 7 pints; height over all 14½ ins; diam base 9½ ins.....$24 00

One in carton; wt each 12 lbs.

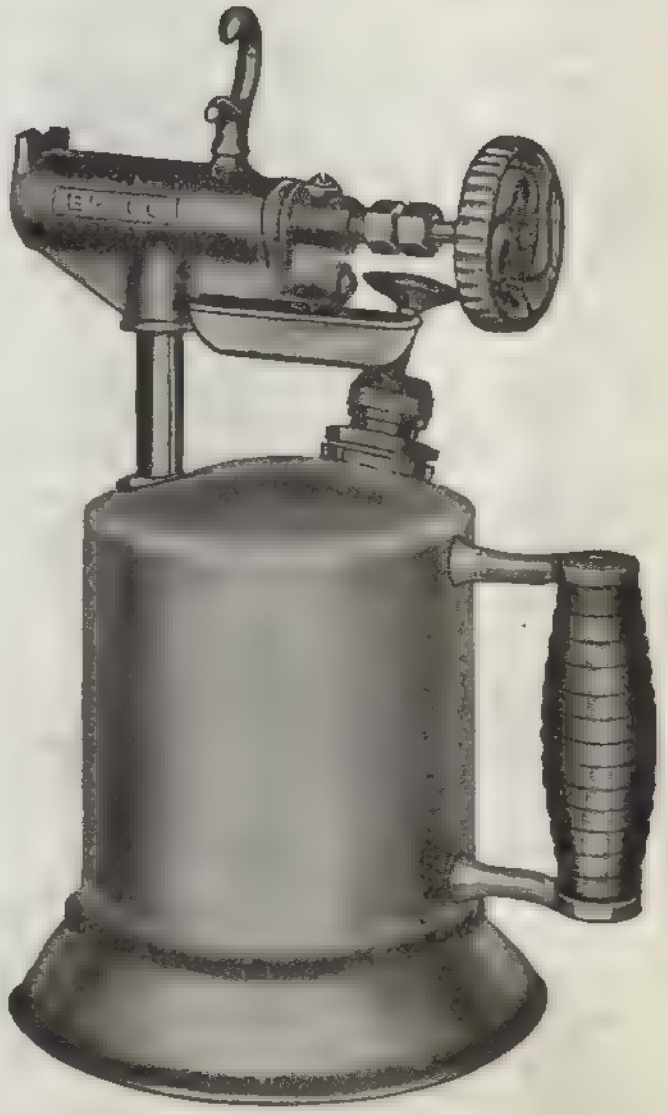


MY, WHAT A VALUE!

That's what everyone says when they see this remarkable, highly efficient

BELCO BLOW TORCH

1. Extra Heavy Brass Tank.
2. Concave bottom with brass filler plug.
3. Needle point valve.
4. Bronze burner with underflow across base of burner, insuring quick generation in wind or coldest weather.
5. Large, well shaped, wood grip handle.
6. Solid hook for soldering copper.
7. Heavy, durable brass pump in tank.
8. Produces maximum heat.
9. Absolutely dependable.
10. An all-round good Torch.



Nos.	2000	2100
Capacity	1 Pint	1 Quart
Wt each, lbs	3	5
Each	$10 05	10 50

One in a carton.

BURNERS FOR BELCO BLOW TORCHES

Includes Feed Pipe, Drip Cup and Burner Hook.

	Each
No. 136—For No. 2000 Torch	$5 55
No. 135—For No. 2100 Torch	5 55

Packed loose; wt each 6 ozs.

THOUSANDS OF SATISFIED USERS IS EVIDENCE OF THE WONDERFUL VALUE OF THIS TORCH

BLOW TORCHES

CLAYTON AND LAMBERT

Burns Gasoline or Kerosene.

Polished drawn brass seamless top and body, heavy brass soldered concaved bottom; cast iron drip cup and pipe.

Designed for heavy work. For brazing, tempering and straightening of automobile frames and axles. Equipped with automatic brass pump and burner made of generator metal, having upper cleaner and lower shut-off needle and hardwood handle. Height 15 inches; diameter 5¾ inches.

Each

No. 206—Capacity 2 qts..... 29 25
$30 00

One in cardboard box; wt each 7 lbs.

CLAYTON AND LAMBERT

Burns Gasoline or Kerosene.

Designed for general mechanics use. Generator metal, automatic brass pump and burner with upper cleaner and lower shut-off needle. Height 11 inches; diameter 5¾ inches.

Each

No. 208—Capacity 1 qt..... 18 75 *$19 00*

One in cardboard box, wt each 5 lbs.

CLAYTON AND LAMBERT

Burns Gasoline Only.

Capacity one quart; diameter 5¾ inches. With automatic brass pump.

Each

No. 32—With soldering attachment; height over all 11 ins..... 18 00
$18 00

One in cardboard box; wt each 5 lbs.

CLAYTON AND LAMBERT

Burns Gasoline Only.

Capacity 1 pint; diameter 4¾ inches. With automatic brass pump.

Each

No. 38—With soldering iron attachment; height over all 8⅞ ins..... 17 25
$17 00

One in cardboard box; wt each 4 lbs.

CLAYTON AND LAMBERT

Burns Gasoline Only.

Seamless drawn brass tank; with double spring brass pump. Concave bottom to serve as a funnel when filling.

Bronze metal burner; tapered burner tube fitted with solid hook and support for holding soldering coppers.

Each

No. 130—Capacity 1 qt; diam 4½ ins; height 11½ ins..... 17 25
One in cardboard box; wt each 6 lbs. $17 00

BLOW TORCHES

CLAYTON AND LAMBERT

Burns Gasoline Only.

Satin finish seamless drawn brass tank; double spring automatic pump; concave bottom. Bronze metal burner with removable hook and support for holding soldering coppers for the home, farm or workshop.

Each

No. 158—Capacity 1 qt; diam 4¼ ins; height 9½ ins..... $10 50
One in carton; wt each 4½ lbs.

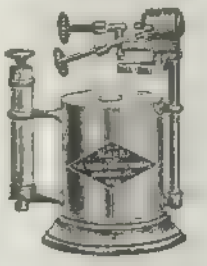
TURNER

Polished heavy brass tank; concaved bottom, with brass filler plug; bronze metal burners, produces a much higher degree of heat than other hydro carbon burners. The adjustment is simple and easily regulated. Air valve is located at base of pump barrel. Recommended for all ordinary work for which a common blow torch is used and for light brazing, annealing light material, brazing on rubber tires and paint burning.

TURNER

Burns Gasoline Only.

Self lubricated pump with automatic checks; fitted in handle.



Each

No. 92—Capacity 1 qt; diam 4 ins; height over all 9¾ ins..... $19 50
One in carton; wt each 4 lbs.

TURNER

Burns Gasoline or Kerosene.

Constructed with shut-off and adjusting needle separate, preventing an enlarged orifice.

Self lubricated parachute type pump with automatic check fitted in tank; corrugated wood handle.

Each

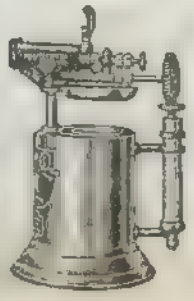
No. 9—Capacity 1 pt; diam base 4¼ ins; height over all 8½ ins..... $15 00
One in carton; wt each 3 lbs

TURNER

Burns Gasoline or Kerosene.

Constructed with shut-off and adjusting needle separate, preventing an enlarged orifice.

Self lubricated pump with automatic check fitted in handle. Extra large burner recommended for outside work.



Each

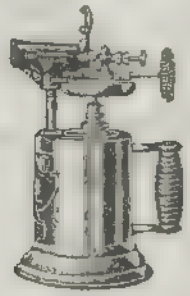
No. 38T—Capacity 1 qt; diam base 5¾ ins; height over all 9⅞ ins..... $16 50
One in carton; wt each 4 lbs

BLOW TORCHES

TURNER MASTER LINE

Burns Gasoline or Kerosene.

Polished heavy seamless drawn brass tank, concave bottom; pistol grip handle. One opening on top making it impossible to overflow. Equipped with safety valve that automatically opens and closes at 40 lbs. pressure making it safe against bursting, etc. The baffle is the obstruction in the burner on which the flame is constantly applied, heating the fuel to a hot dry gas insuring vaporization, thus generating 400 degrees more heat on lower fuel consumption. The flared tube in the front of the fuel jet automatically syphons the correct proportion of air regardless of the size of flame desired.



TURNER

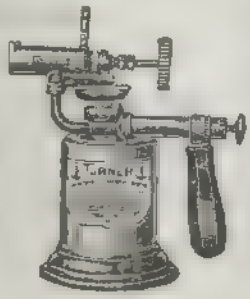
Burns Gasoline or Kerosene.

Constructed with shut-off and adjusting needle separate, preventing an enlarged orifice.

Self lubricated parachute pump with automatic check fitted in tank; corrugated wood handle. Each

No. 39—Capacity 1 qt; diam base 5½ ins; height over all 9¾ ins.....$17 25

One in carton; wt each 4 lbs.



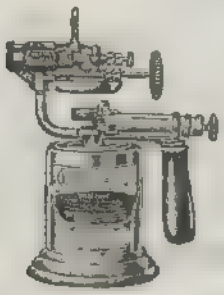
TURNER

Burns Gasoline or Kerosene.

Single needle closed generator type burner. Each

No. 42—Capacity 1 qt; diam base 5½ ins; height over all all 9⅞ ins.....$15 00

One in carton; wt each 4½ lbs.



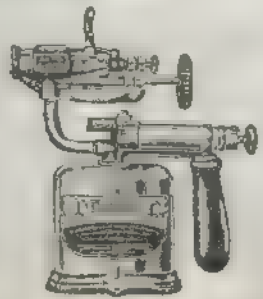
TURNER

Burns Gasoline or Kerosene.

Extra heavy burner giving very large hot flame. Each

No. 45—Capacity 1 qt; diam 4 ins; height over all 10¼ ins. $18 75

One in carton; wt each 4 lbs.



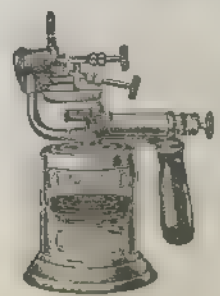
TURNER

Burns Gasoline or Kerosene.

Flat type auto torch with extra heavy burner. Each

No. 52—Capacity 1 pt, length base 5 ins; width 2½ ins; height over all 10½ ins. $19 50

One in carton; wt each 3 lbs.



TURNER

Burns Gasoline or Kerosene.

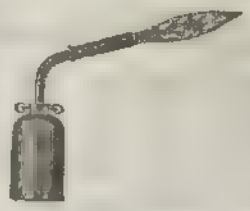
Two jet hydro-carbon burner in which both jets junction, producing a flame within a flame. Each

No. 48—Capacity 1 qt; diam 4 ins, height over all 10½ ins.....$20 25

One in carton; wt each 4 lbs.

BLOW TORCHES

THE "IMP"



All brass, nickel plated. Will heat or solder anything; starts with a match; has no pump or valve; is entirely automatic and burns two hours on one filling. For hand or bench work. Produces a perfect Bunsen flame of over 2,000 degrees Fahrenheit. Per Doz

No. 372 Height over all 5 in diam 2 ins $40 50

One in carton, one doz in wood box; wt per doz 3¼ lbs.

RIVET SETS AND HEADERS

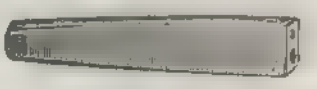
TINNERS'

Drop forged steel, black finish, polished face, oil tempered.

Nos.	0	1	2	3	4
Size hole, ins	3/32	¼	7/32	9/32	11/32
For iron rivets, lbs	12,10	8	6	5,4	3,2½
Length, ins	5	4¾	4¾	4½	4
Wt each, lbs	⅛	⅝	⅝	⅝	9/32
Each	$2 19	1 80	1 80	1 50	1 50

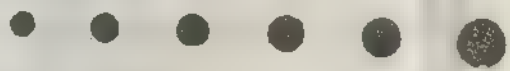
Nos.	5	6	7	8
Size hole, ins	5/32	3/16	7/32	1/4
For iron rivets, lbs	2,1¾	1¾	1¾	12,10 oz.
Length, ins	4	4	3⅝	3¼
Wt each, lbs	9/32	¼	¼	⅛
Each	$1 14	1 14	99	99

Half doz in cardboard box.



FARMERS'

Solid cast steel, black finish.



Nos.	1F	2F	3F	4F
For copper rivets, Nos	7	8, 9	10	12
Length, ins	4⅞	4⅞	4⅝	4⅜
Wt per doz, lbs	7¼	4¼	4¼	4
Per Doz	$5 55	5 55	5 55	5 55

Half doz in cardboard box.

STOVE PIPE MANDRELS

For Seaming Or Riveting Stove Pipe.

Hollow.

Cast iron, polished; with heavy clamp for attaching to bench. Each

No. 35½—Holdfast. Length of shoulder 10 ins; width 4 ins, length over all 35½ ins.....$9 75

Packed loose; wt each 43 lbs.

TINNERS' TOOLS

GROOVING TOOLS

Japanned, forged steel, with polished tempered face.

Nos.	00	0	1	2	3
Size, ins	½	7/16	⅜	5/16	¼
Length, ins	5½	5½	5½	5½	5
Wt each, lbs	1⅝	1¼	1¼	1⅛	1
Each	3 30	3 30	3 15	3 15	2 85
	$0 75	75	68	68	50

Packed loose.

TINNERS' TOOLS

HOLLOW PUNCHES

Japanned, forged steel with polished tempered face.

Nos.	4-H	6-H	8-H	10-H	12-H	14-H
Hole, ins	¼	⅜	½	⅝	¾	⅞
Length, ins	4½	4½	4½	5	5	5
Wt Each, lbs	⅜	¼	⅜	½	⅝	¾
Each	$2 40	2 40	2 40	3 00	3 66	4 29

Nos.	16-H	18-H	20-H	24-H
Hole, ins	1	1⅛	1¼	1½
Length, ins	5	5½	5½	5¾
Wt each, lbs	⅞	1	1¼	1⅝
Each	$4 95	5 85	6 00	7 20

Packed loose.

P. S. & W. ADJUSTABLE ROOFING TONGS

Stow's Pattern.

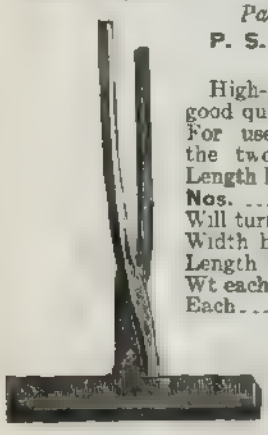
Handles forged from high-grade steel; accurately milled special steel blades with planed and polished bending edges. Will turn five different widths of locks—⅛, ¾, 1, 1¼ and 1½ inch.

Each

No. 773—Length handles 21 ins; width blades 2 in; length blades 18½ ins..... $20 70

Packed loose; wt each 9½ lbs.

P. S. & W. REGULAR ROOFING TONGS



High-grade special tough steel handles; good quality steel blades, accurately milled. For use on the roof for drawing together the two layers of tin before cleating. Length handles 21 inches.

Nos.	771	771¼	771½
Will turn lock, ins	1	1¼	1½
Width blades, ins	1½	1¾	2
Length blades, ins	18½	18½	18½
Wt each, lbs	8	9	9½
Each	$15 75	15 75	15 75

Packed loose.

P. S. & W. GUTTER TONGS

Handles forged from high grade special tough steel; accurately milled steel blades with planed and polished bending edges.

Each

No. 777—Depth of jaws 14 ins; length handles 24½ ins; width blades 1¾ ins; length blades 12½ ins..... $15 75

Packed loose; wt each 10 lbs.

P. S. & W. HAND ROOFING DOUBLE SEAMERS

Cast iron. Used for laying standing seam roofing by hand following the roofing tongs.

Nos.	744	745
Inches	¾x1	1x1¼
Match up with roofing tongs, in	1x1¼	1¼x1½
Wt each, lbs	8	9½
Each	$4 95	5 40

Packed loose.

TINNERS' TOOLS

P. S. & W. DOUBLE ROOFING SEAMERS

Burritts Patent.

Will do the work more evenly than by any other process, and leave the formed lock of uniform height. Will work well over uneven roof boarding and will double seam hips and ridges with perfect ease. Fitted for I. C. tin. Set consists of two pairs.

Per Set

No. 742—Common gauge. Follows 1 and 1¼ ins tongs finishing a lock ¾ in high..... $75 00

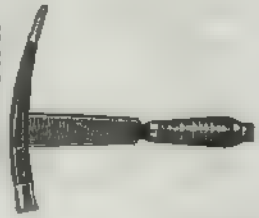
No. 742½—Wide gauge. Follows 1¼ and 1½ ins tongs finishing a lock 1 in high..... 75 00

Packed loose; wt per set 40 lbs.

SLATER'S TOOLS

Hammer.

Drop forged tool steel, polished and tempered point, head and cutting edges, painted red; sure grip leather filled handle. Made with sharp point on end for punching slate, claw for removing nails and shear edge on neck between handle and hammer head for breaking slate.



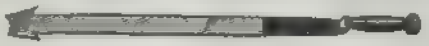
Each

No. 582—Length over all 12 ins; length from hammer head to pick head 9 ins..... $13 50

Packed loose; wt each 1½ lbs.

Ripper.

Forged from tool steel, polished and tempered blade; shank and handle painted red. For removing nails and broken slate.



Each

No. 583—Length over all 30 ins; length blade 24 ins; length handle 6 ins..... $9 00

Packed loose; wt each 3 lbs.

Stake.

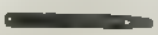
Forged from tool steel, polished and tempered blades and point; body painted red. For breaking slate in any shape.

Each

No. 584—Length over all 18 ins..... $5 25

Packed loose; wt each 2 lbs.

Punch.



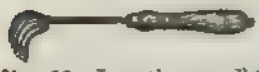
Forged from tool steel, polished and tempered point; body painted red. For punching holes in slate.

Each

No. 585—Length over all 4½ ins..... $1 05

Half doz in cardboard box; wt each ¼ ozs.

NAIL CLAWS



Malleable iron, japanned; hardwood handle, varnished natural finish; 5 tine claw; ring in end for hanging. Per Doz

No. 12—Length over all 14½ ins; width claw 2¾ ins... $15 00

Half doz in cardboard box; wt per doz 7 lbs.

Japanned wrought iron four tine claw, loop handle. Per Doz

No. 1—Length over all 17 ins; diam handle 7/16 in; length tine 3¾ ins; width claw 3¾ ins.....$23 25

Packed loose; wt per doz 12 lbs.

NAIL GRABS

Japanned wrought iron, four tines on each claw, loop handles Per Doz

No. 2—Length over all 20 ins; diam handles 7/16 in; size head closed ½x3 ins.....$61 50

Packed loose; wt per doz 12 lbs.

BOX SCRAPERS

Double Handle.

Tool steel forged, curved blade polished face, japanned back, plain finish; hardwood handles; brass ferrules, shank extends into handle and side riveted. Per Doz

No. 4—Length over all 7 ins; size blade 4½x1½ ins... $18 75

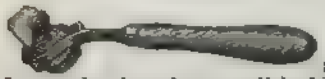
Half doz in cardboard box; wt per doz 9 lbs.

Triangle Blade.

Tempered and polished tool steel blade, with three cutting edges; malleable iron shank; polished hardwood handle with iron ferrule, blade riveted to shank. Per Doz

No. 1—Width blade 2¾ ins; length over all 12 ins.... $15 00

Half doz in cardboard box; wt per doz 8 lbs.



STANLEY, Adjustable.

Tempered and polished, tool steel blade; japanned cast iron frame, shank and cap; polished hardwood handle, with iron ferrule; steel set screw in cap to secure blade. Per Doz

No. 70—Width blade 2 ins; length over all 13 ins; wt per doz 12 lbs $28 50

No. 70B—**Extra blades for No. 70 scraper** 6 00

Half doz in cardboard box.

HAY HOOKS

Cast steel hook, polished; square body, tempered, round tapering point; round shank passes through handle and riveted; polished hardwood handle. Per Doz

No. 6—Hook ⅜ in; handle 5½ ins; length 5½ ins.....$8 25

One doz in cardboard box; wt per doz 6 lbs.

Cast steel hook, forged finish; round tapering point, tempered; flat shank extends through handle and riveted with washer; polished hardwood handle. Per Doz

No. 14—Hook ⅜ in; handle 5¼ ins; length 8¼ ins..... $9 75

Packed loose; wt per doz 6½ lbs.

COTTON HOOKS

—BLUE GRASS—

Texas Pattern.

Extra quality steel hook, polished, hardened point; oval shank passes through handle and riveted; square body; round tapering point; polished hardwood handle.

Nos.	BG7	BG10
Length over all, ins	6	8
Size hook, ins	¾	⅞
Length of handle, ins	5⅛	5⅛
Wt per doz, lbs	5½	6
Per Doz	$9 30	10 20

One doz in cardboard box.

New Orleans Pattern, Curved Hook.

Cast steel hook, polished, tempered point; shank passes through handle and riveted; round tapering point, black hardwood handle. Per Doz

No. 320—Diam hook ⅜ in; length of handle 5½ ins; length over all 7 ins; wt per doz 5 lbs..... $6 75

One doz in cardboard box.

TINNERS' SNIPS

—BLUE GRASS—Combination Pattern.

Tempered straight blades; jaws are ground and shaped so they will cut curves and irregular shapes as well as straight work.

Nos.	BG200	BG199	BG198
Cut, ins	2½	3	3½
Length over all, ins	11½	12½	13½
Wt per pair, lbs	1¾	2	2¼
Per Pair	$5 40	6 00	6 75

One pair in carton.

—BLUE GRASS—

Forged steel, with crucible tool steel laid blades; full polished; gun metal finished handles; every snip carefully tested.

Nos.	Cut, ins	Length over all, ins	Wt per pair, lbs	Per Pair
BG412	2	8	1⅛	$3 00
BG411	2¼	9	1¼	3 60
BG410	2½	11½	1¾	4 50
BG409	3	12¼	2¼	5 10
BG408	3½	13½	2½	6 70
BG407	4	14½	3⅛	7 20
BG406½	4½	15½	3¼	8 25

Nos. 412 and 411 six pair in carton; Nos. 410 to 406½ one pair in carton.

—PINE KNOT—Household.

Solid drop forged carbon stee polished steel cutting edges, japanned handles. Used for cutting wire cloth, poultry netting. No. 16 wire, stove pipe and for general household and merchant's use. Per Doz Pair

No. 30—Cut 2¾ ins; length over all 10 ins.... $19 80

One pair in paper envelope; half doz in cardboard box; wt per doz pairs 12 lbs.

SOCKET WRENCHES

WALDEN-WORCESTER. INTERCHANGEABLE

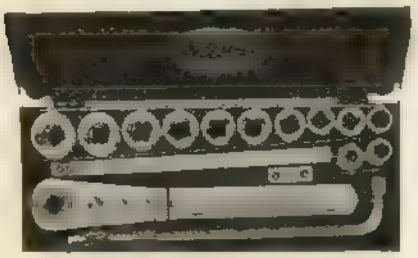
DRAIN PLUG SETS

A necessity in every oil station and garage. A plug, hex. socket, or square socket to quickly remove the plug from any crank case or transmission. Fits drain plugs of over 90 per cent of passenger cars and trucks. Sliding bar handle used as Tee or Offset.

Contents: One sliding bar handle; 7 hexagon sockets, one each ½, ¾, 15/16, 1, 1 1/16, 1⅛, 1¼ inch; 9 square sockets, one each 5/16, ⅜, 7/16, ½, 9/16, ⅝, 11/16, ¾, 13/16 inch; 8 plugs, one each 5/16, ⅜, 7/16, ½, 9/16, ⅝, 11/16, ¾ inch.

Set No. 21. Complete in steel box. Wt. 8½ lbs. .....Set **$6 85**

GARAGE SETS



For work that requires a wide range of sockets with few accessory parts and handles. Adapted to busy garages that need extra socket sets.

Contents: Twelve **Chrome Nickel** Hex. sockets, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1 inch. No. OR916—10½ in. ratchet wrench; No. 1125—10½ in. offset handle; No. 1109—plug connector for ratchet wrench; No. 1139—9 in. extension bar for ratchet wrench.

Set No. 16R. Complete in steel box. Wt. 10 ozs. .....Set **$7 75**

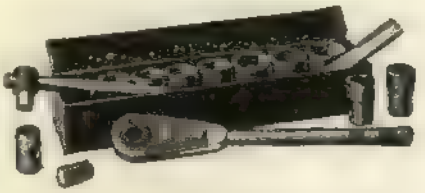
SERVICE SETS

A very useful general service assortment of the most needed parts. Specially designed for the service station. Also offers the garage mechanic an ideal wrench set of his own

Contents: Twelve **Chrome Nickel** Hex. sockets—7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 7/8, 15/16, 1, 1 1/16 in. No. 1115—Short shank speed brace with rotating knurled grips, 14¼ in.; No. 1122—Tee handle with rotating knurled grip, 12 in.; No. 1125—Offset handle, 10½ in.; No. 1102—Universal joint, makes Tee Flex out of ordinary sockets.

Set No. 25R. Complete in steel box. Wt. 17 lbs. .....Set **$8 70**

HEAVY DUTY



A liberal margin of strength and ruggedness in every part. No matter how tightly a nut is frozen, it must yield. Special heat-treated sockets. Cross-drilled to receive handle, affording close grip on nut. One inch Hex. broach in back for other combinations. The "510 Set" is a necessity in every shop. In shops servicing busses and trucks every mechanic needs a "510 Set" of his own.

Contents: Ten Heavy-Duty Hex. Sockets—1, 1 1/16, 1⅛, 1¼, 1 7/16, 1½, 1⅝, 1¾, 1 13/16, 2 in. No. 1132—Heavy-duty ratchet wrench; No. 1116—Plug connector; No. 1117—Heavy-duty extension bar; No.1123—Crossbar handle; No. 1103—Offset adapter. Box 20½x5½x3½.

Set No. 510. Complete in steel box. Wt. 30 lbs. .....Set **$24 50**

HEAVY DUTY

A heavy-duty wrench set for the mechanic who runs into a lot of "heavy" work. Extremely useful for wheel adjustment or brake-relining work. Sturdily built tools that easily move large diameter nuts, even when they're frozen.

Contents: Six Heavy-Duty Hex. Sockets—1¼, 1⅜, 1 7/16, 1½, 1⅝, 1¾.; No. 1103—Offset adapter; No. 1112—Tee handle shank; No. 1123—Crossbar handle. Box 20½x4x3¼.

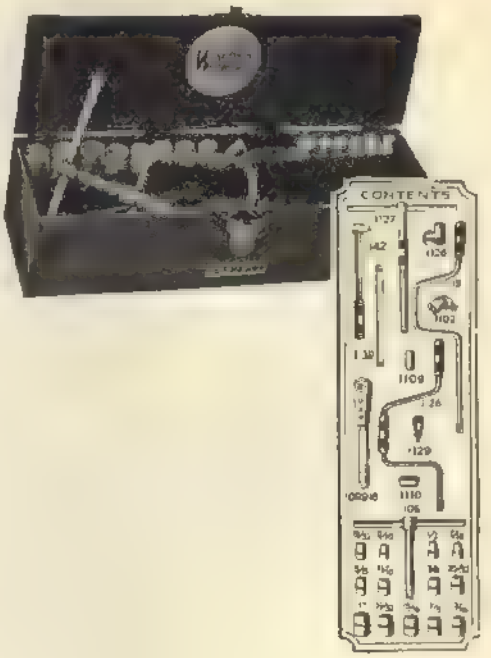
Set No. 500. Complete in steel box. Wt. 21½ lbs. .....Set **$12 35**

SOCKET WRENCHES

WALDEN-WORCESTER. INTERCHANGEABLE

GARAGE

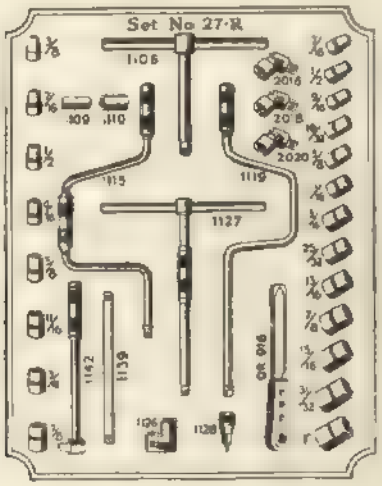
No. 26R



Similar to Set No. 27R except that it does not contain the square socket series. Particularly adapted to garage use, as it will service all makes of cars in the sizes that are most needed. Many mechanics prefer this set on account of its wide range of socket sizes and handy assortment of special parts. Extra space in the steel tool box 20½x6½x5 inches, makes it a genuine mechanic's tool kit.

Contents: 13 **Chrome Nickel** hexagon sockets—7/16, 1/2, 9/16, 19/32, ,5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32 and 1 in. No. OR916 ratchet wrench 10½ in.; No. 1142—Offset handle 10½ in.; No. 1106—Short shank Tee handle, 6 in.; No. 1127—Tee handle with rotating knurled grip, 12 in.; No. 1115—Short shank speed brace, 14¼ in.; No. 1119—Long shank speed brace, 20 in.; No. 1109—Plug connector; No. 1110—Socket connector; No. 1139—Extension bar, 9 in.; No. 1126—Stud wrench; No. 1129—Screw driver bit, 5/8 in. blade; No. 1102—Universal joint.

Set No. 26R. Complete in steel tool box. Wt. 23 lbs..Set **$17 80**



No. 27R.

Designed to meet the requirements of the average industrial plant, factory, machine shop or auto service station. The large and varied assortment of sockets, for both hexagon and square nuts, fills every socket need encountered in the general run of work. Sockets of chrome nickel steel.

Contents: Eight **Chrome Nickel** square sockets—3/8, 7/16, 1/2, 9/16, 5/8, 11, 16, 3/4, 7/8 inch. Thirteen **Chrome Nickel** hexagon sockets—7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 15/16, 7/8, 15/16, 31/32 and 1 inch. Three Tee-flex sockets -1/2, 9/16 and 5/8 inch. One each No. 1106—short shank Tee handle, 6 inches; No. 1127—Tee handle with rotating knurled grip, 12 inches; No. 1119—Long shank speed brace, 20 inches; No 1115—Short shank speed bracce, 15 inches; No. 1142—Offset handle 10½ inches; No. OR916—Ratchet wrench, 10½ inches; No. 1109—Plug connector; No. 1110—Socket connector; No. 1139—Extension bar, 9 inches; No. 1126—Stud wrench; No. 1128—Screw driver bit, 3/8 in. blade; Steel tool box 21½x9x11 inches.

Set No. 27R. Complete in steel tool box. Wt 30 lbs. .....Set **$25 95**

SOCKET WRENCHES

WALDEN-WORCESTER. INTERCHANGEABLE

STEEL CABINET ASSORTMENTS

No. 903.

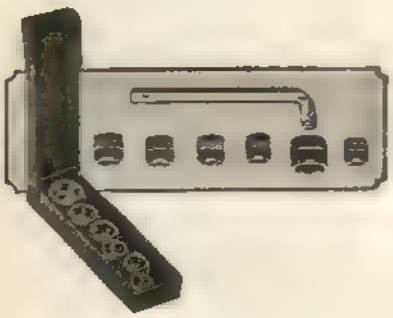
A merchandising cabinet that contains all the necessary handles and sockets for the general run of wrench work.

Contents of No. 903:

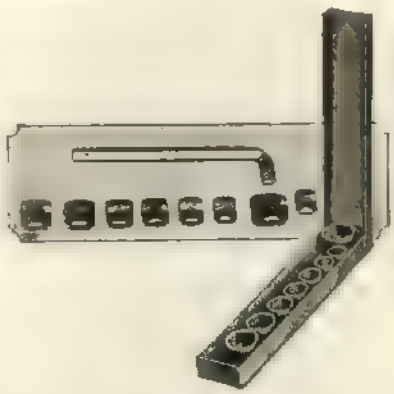
3 No. 214 Chrome Nickel Hexagon Sockets	Each	$0 50
3 No. 216	Each	50
3 No. 218	Each	50
3 No. 220	Each	50
3 No. 221	Each	60
3 No 222	Each	60
4 No. 224	Each	60
2 No 226	Each	70
2 No. 228	Each	70
2 No. 230	Each	75
2 No. 232	Each	75
2 No. OR916 Ratchet Wrenches, 10½ in.		
2 No 1102 Universal Joints	Each	2 25
2 No. 1111 Combination Tee and Offsets	Each	1 10
2 No 1115 Short Shank Speed Braces	Each	1 85
2 No. 1122 Tee Handles	Each	1 50
2 No. 1126 Stud Wrenches	Each	2 10
2 No. 1139 Extension Bars	Each	75
2 No. 1142 Offset Handle	Each	1 25

No. 903. Steel Cabinet with 46 pieces. Wt. 40 lbs. ..... Set $29 90

CAR OWNER'S SETS



No. 302. A real necessity for every well equipped car. Six popular sizes hexagon nut sockets—1/2, 9/16, 5/8, 11/16, 3/4 and 7/8 inch, with a 6-inch offset handle. Convenient size steel tool box fits neatly in any pocket of car or under seat. Mottled finish. Wt. 1½ lbs. .....Set $0 80



No. 303. Designed to meet the wrench requirements of drivers who travel prepared for minor repairs on the road or in the garage. Popular among bus and truck drivers. Eight popular sizes hexagon nut sockets—1/2 to 1 inch, with a 6-inch offset handle. Durable mottled finish. In steel box. Wt. 2 lbs. .....Set $1 50

DOUBLE END SPARK PLUG

Pressed steel and case hardened, two sizes in one; 1/64 inch over size of spark plug.

No. 2933. Sizes ⅞ and 1 inch. Wt., 11 oz. .....Each $0 50

No. 2937. Sizes ⅞ and 1⅛ inch. Wt., 12 ozs. .....Each $0 50

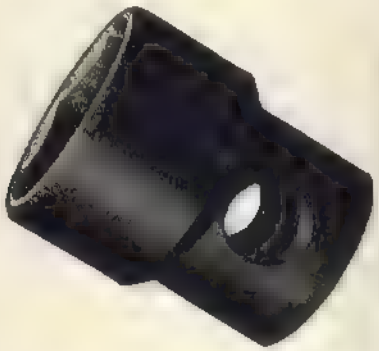
SOCKET WRENCHES AND PARTS

WALDEN-WORCESTER. INTERCHANGEABLE

HEAVY DUTY HEXAGON SOCKETS

With 1 Inch Hexagon Handle Openings.

Specially heat-treated steel to give them extreme strength and hard wearing surfaces. Sockets are cross-drilled so you can get powerful leverage with handle close to the nut. Hexagon broached in back for other handle combinations.



No.	Size Inch	U. S. S. Nuts, Inch	U. S. S. Cap Screw Inch	S. A. E. Nuts, Bolts Inch	Weight	Each
528	7/8	1/2	5/8	7/8	8 ozs.	$1 10
530	15/16			5/8	9 ozs.	1 10
531	31/32				10 ozs	1 10
532	1		3/4	11/16	11 ozs.	1 10
534	1 1/8	5/8		3/4	12 ozs.	1 10
536	1 1/4		7/8		13 ozs.	1 10
540	1 1/4	3/4	1	7/8	14 ozs.	1 15
544	1 7/16		1 1/8		1 lb.	1 15
546	1 7/8	7/8		1	1 1/2 lb.	1 20
548	1 1/2		1 1/4		2 lb.	1 30
552	1 5/8	1		1 1/8	2 1/2 lb	1 30
556	1 3/4				3 lb.	1 50
558	1 11/16	1 3/8		1 1/4	3 1/2 lb.	1 80
560	1 7/8				4 lb.	2 50
564	2	1 1/4		1 3/8	4 lb.	2 50
570	2 3/8	1 3/8		1 1/2	4 1/2 lb.	4 00
578	2 7/8				4 1/2 lb.	5 00

PLUG CONNECTORS

Heavy Duty

No. 1116. Length 2 inches; 1 inch hexagon section. Wt. 8 o.s. .....Each $0 60

OFFSET ADAPTER

Heavy Duty

No. 1103. Tough steel to stand strain of powerful leverage. Length 2 in.; diam. 1⅝ in. Wt. 13 ozs. .....Each $1 25

DRAG LINK BITS

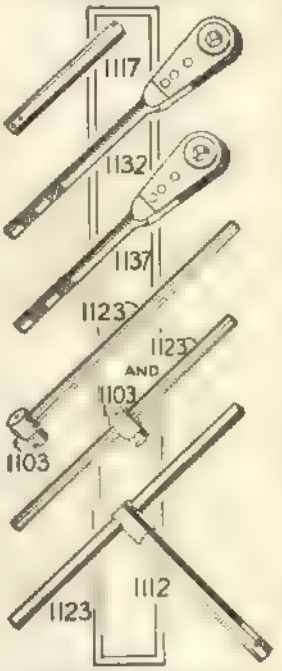
Heavy Duty

To adjust drag links and tongue rods.

No. 514. 1⅛ in. blade. Wt. 10 ozs. .....Each $1 00

No. 515. 1⅝ in. blade. Wt. 11 ozs. .....Each 1 00

MISCELLANEOUS



EXTENSION BARS

Heavy Duty

Used with No. 1132 ratchet and other combinations. Length 10 inches, 1 inch hexagon section.

No. 1117. Wt. 2½ lbs. .....Each $1 00

RATCHETS

Heavy Duty

Sturdily built and can be depended upon for heavy service; handle 1 inch round stock; broached opening 1 inch hexagon.

No. 1132. 20 in. Wt. 6½ lbs. Each $7 25
No. 1137. 16 in. Wt. 4 lbs. ...Each 4 95

SHORT TEE HANDLE AND ADAPTER

Heavy Duty

Heavy Duty crossbar handle No. 1123, in combination with heavy duty offset adapter No. 1103.

Nos. 1103 and 1123 Together. Wt. 4 5/16 lbs. .....Pair $1 85

TEE HANDLES

Heavy Duty

Long tee heavy duty crossbar handle No. 1123 in combination with heavy duty tee handle shank No. 1112.

Separate

No. 1123 Crossbar Handle Only. Length 20 inches, 7/8 inch stock. Wt. 3½ lbs. .....Each $0 60

No. 1112. Tee Handle Shank Only. Length 13¼ inches. 1 inch stock. Wt. 3½ lbs. .....Each $1 75

Combination

No. 1123 Crossbar Handle and No. 1112 Tee Handle Shank Together. Wt. 7 lbs. .....Pair $2 35

SOCKET WRENCHES AND PARTS

WALDEN-WORCESTER. INTERCHANGEABLE

CHROME NICKEL STEEL SOCKETS

Accurately cut from high grade chrome nickel steel; utmost skill and care in heat treatment impart unusual toughness to the thin walls; extremely close limits hexagon sizes permit a snug fit on the nut or bolt head; rounding and breaking have become a thing of the past.

Hexagon.
With ⅜ Inch Handle Opening.

No.	Size, in.	Wt. Ozs.	S. A. E. Nuts Cap Screws	U. S. Std. Nuts	U. S. Std. Cap Screws	Each
214	7/16	2	1/4	....	1 4	$0 50
216	1/2	2	5/16	1/4	5/16	50
218	9/16	3	3/8	.....	3/8	50
219	19/32	3	. . .	5/16	.....	50
220	5/8	4	7/16	....	7/16	50
221	21 32	4	.....	....	.....	60
222	11/16	4	.....	3/8	.....	60
224	3/4	5	1/2	.....	1/2	60
225	25/32	5	.....	7/16	.....	70
226	13/16	6	.....	....	9/16	70
228	7/8	6	9/16	1/2	5 8	70
230	15/16	7	5/8	.....	.....	75
231	31/32	7	. ....	9/16	.....	75
232	1	8	11/16	.....	3/4	75
234	1 1/16	8	3/4	5/8	.....	90
236	1 1/8	9	.	....	7/8	1 00
240	1 1/4	10	7/8	3/4	1	1 00

Square
With ⅜ Inch Handle Openings.

No.	Size, in.	Wt. Ozs.	U. S. Std. Nuts	Mfg. Std. Bolt Head	Each
112	3/8	3	.....	.....	$0 50
114	7/16	3	.....	1/4	50
116	1/2	4	1/4	.....	50
118	9/16	5	.....	.....	50
...	19/32	6	5/16	.....	60
120	5/8	6	.....	3/8	60
122	11/16	7	3/8	.....	60
124	3/4	8	.....	.....	75
..	25/32	8	7/16	.....	85
...	13/16	9	.....	1/2	85
128	7/8	9	1/2	.....	85
...	15/16	9	.....	.....	85
...	31/32	10	9/16	.....	85
132	1	10	.....	5/8	85
..	1 1/16	11	5/8	.....	1 25
136	1 1/8	11	.....	.....	1 25
140	1 1/4	12	3/4	.....	1 25

DOUBLE HEX SOCKETS

Double Hex Sockets are made of chrome nickel steel; thin wall, hard surfaced, double broached to fit hexagon nuts in twice as many positions. To the mechanic working in close corners the advantage is obvious. It is only necessary to swing the handle through one-twelfth turn before the nut fits in the next notch of the socket. The improved process of heat treating the strongest steel obtainable now makes it possible to offer the mechanic a socket that will not round or break.

Sets

Set consists of eight double Hex sockets for hexagon nuts—7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16 and 7/8 inch. A most valuable addition to any wrench kit.

Set No. 806. In steel box. Wt. 3 lbs. .....Set **$5 00**

Separate Sizes

No.	Inch	Wt. ozs.	Each
814	7/16	2	$0 60
816	1/2	2	60
818	9/16	3	60
819	19/32	3	70
820	5/8	4	70
822	11/16	4	70
824	3/4	5	75
825	25/32	5	75
826	13/16	6	85
828	7/8	6	85

TEE FLEX SOCKETS

Wherever the job calls for speedy work in cramped quarters, Walden-Worcester Tee Flex Sockets are indispensable. These sockets, built of Chrome Nickel steel, are unusually strong at all points and yet thin enough to insure utmost flexibility. Conveniently used with any Walden-Worcester handle. Hexagon sockets.

Chrome Nickel Steel.

No.	Size, in.	Wt. ozs.	Each
2016	1/2	4	$2 25
2018	9/16	5	2 25
2020	5/8	6	2 25
2022	11/16	8	2 50
2024	3/4	10	3 10
2028	7/8	11	4 20

LONG SHANK SPEED WRENCHES

No. 1119. Length overall 20 inches; shank 9¼ inches, so that bend clears obstructions. Wt. 1½ lbs...Each **$1 50**

SHORT SHANK SPEED WRENCHES

No. 1115. Length overall 14¼ in. Shank 4¼ in. Rotating knurled grips. Wt. 2 lbs..... Each **$1 85**

COMBINATION TEE AND OFFSET HANDLES

No. 1111. Length overall 10 inches. Wt. 1 lb. .....Each **$1 10**

SOCKET WRENCHES AND PARTS

WALDEN-WORCESTER. INTERCHANGEABLE

SHORT SHANK TEE HANDLE WRENCHES

No. 1106. Shank 6 in., cross bar 8 in. Wt. 1 lb. .....Each **$1 50**

TEE HANDLE WRENCHES

Heavy construction permits use on nuts of larger intermediate sizes. Massive handle enables one to get more power out of one hand. Rotating knurled grip to spin the nuts.

No. 1122. Wt. 1½ lbs. ..Each **$1 50**

CYLINDER-HEAD TEE HANDLE WRENCHES

Twenty inch shank allows cross-bar handle to clear hood and cowl when working on cylinder heads. Rotating knurled grip to spin nuts on or off.

No. 1134. Wt. 3 lbs.....Each **$3 10**

LONG HANDLE TEE WRENCHES

Cross bar 10 inches; shank 12 inches, with rotating knurled grip. Like 1134 with shorter shank and lighter construction.

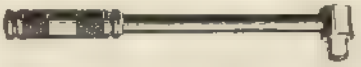
No. 1127. Wt. 2 lbs.....Each **$2 25**

SWIVEL OFFSET HANDLE

A popular offset with swivel head so handle can swing clear of obstructions. High grade steel permits this feature without making the tool bulky or awkward. Length 10½ inches.

No. 1171. Wt. 1½ lbs.....Each **$1 75**

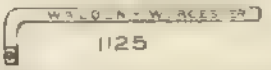
FIXED-HEAD OFFSET HANDLE



For powerful leverage in close quarters, comfortable handle. Length 10½ inches.

No. 1142. Wt. 1½ lbs. ....Each **$1 25**

OFFSET HANDLE



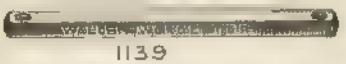
Short offset for tight places. Knurled bar handle. Length 10 5/16 inches.

No. 1125. Wt 1 lb. ....Each **$0 85**

PLUG CONNECTORS

No. 1109. Length 1½ inches for use with ratchet handles and similar combinations; with ball friction on each end. Wt. ea. 2 ozs. .....Each **$0 35**

EXTENSION BARS



Lengthens tee or offset combinations so handles clear obstructions; have ball friction on each end to hold sockets and other parts in engagement.

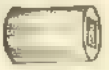
No. 1139. 9 in. Wt. ⅝ lbs..Each **$0 75**

STUD WRENCHES

Quickly removes or sets studs from 5/16 in. to 5/8 in. Hardened milled roller grips stud firmly but without injury. Roller can be reset when worn. Used with any interchangeable handle or tee.

No. 1126. Wt. 4 ozs.....Each **$2 10**

SOCKET CONNECTORS



Both ends broached square for handles. Length 1½ inches.

No. 1110. Wt. 2 ozs.....Each **$0 50**

UNIVERSAL JOINTS

Chrome Nickel Steel Joint, one end broached square, the other a square plug. Makes Tee Flex wrench out of any handle.

No. 1102. Wt 8 ozs.....Each **$2 25**

RIM WRENCHES

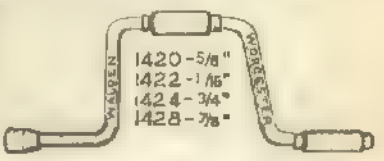
No. 1720. ⅝ in. Hex. Ford Model T, Dodge 4-cylinder and Victory, etc. Length overall 15½ inches. Wt. 1 lb. .....Each **$0 60**

No. 1722. 11/16 in. Hex. for Ford Model A, Nash, Packard 8, etc. Length overall 15½ in. Wt. 1 lb..Each **$0 60**

No. 1724. 3/4 in. Hex. for Chevrolet, Essex, etc. Length overall 15½ in. Wt. 1 lb. .....Each **$0 60**

No. 1726. 13/16 in. Hex. for Model A Fords. Length overall 15½ in. Wt. 1½ lbs.....Each **$0 60**

No. 1728. 7/8 in. Hex. for busses and trucks. Length overall 15½ in. Wt 1½ lbs. .....Each **$0 60**



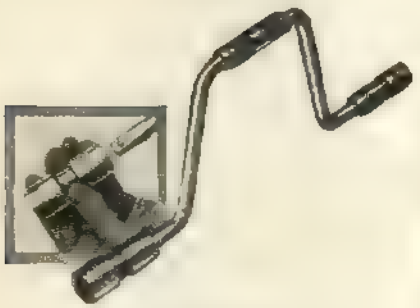
No. 1420. ⅝ in. Hex. for Ford Model T, Dodge 4-cylinder and Victory, etc. Wt. 1¾ lbs.....Each **$1 25**

No. 1422. 11/16 in. Hex. for Ford Model A, Nash, Packard 8, etc. Wt. 1¾ lbs. .....Each **$1 25**

No. 1424. ¾ in. Hex. for Buick, Chevrolet, Essex, etc. Wt.1¾ lbs.Each **$1 25**

SOCKET WRENCHES
WALDEN - WORCESTER

RIM



Double Duplex Socket.

Each of the two Duplex-Sockets has two popular hex. sizes (5/8 and 11/16, and 3/4 and 7/8 in.), deep broached to engage acorn nuts of wire and disc wheels to their full depth.

No. 1454. Wt. 3 lbs. $2 25

For ClevWeld Rims

A special tire wrench for the ClevWeld rim used on many popular makes of cars. Hexagon socket ¾ inches. Heat treated tip on other end opens rim quickly.

No. 3124. Wt. ea., 1 lb.... Each **$1 00**

BATTERY AND STARTER

A double hexagon box-type drop-forging. Hexagon sockets ⅞ and ⅝ in. Every mechanic or electrical man "carries it in his pocket."

No. 480. Wt. 3 ozs. .....Each **$0 85**

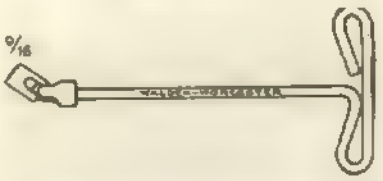
RIM

Four Way

A strong dependable tool that meets a recognized need in the modern garage. Cadmium Plated Chrome Nickel steel sockets and a rigid drop-forged frame. Sockets cannot come off. The powerful leverage of the crossbar quickly loosens nuts that are "frozen" while the power back of this double leverage insures a tight bring-up with little effort. The weight of this wrench is nicely balanced, so that nuts readily spin off after loosening. Sockets are deeply broached to take a sure hold on the acorn nuts of disc and wire wheels without slipping. Fitted with four different size sockets to take care of the rim nuts of practically all cars.

No 1444. Socket sizes; ⅝, 11/16, ¾ and ⅞ in. Wt. ea., 2½ lbs..Each **$2 00**

TEE FLEX



Universal Joint—Tee Handle

Inaccessible nuts can be easily turned. Rigid tee handle with Chrome Nickel steel universal joint socket. Shank 13 in. For cylinder-to-base bolts, manifolds, body bolts, oil pans, brake supports, etc.

No. 1016. ½ inch hexagon socket. **For Model A Fords** on oil feed pipe, valve cover and brake shaft. Wt. 1 lb. .....Each **$2 50**

No. 1018. 9/16 inch hexagon socket. **For Model A Fords** on exhaust pipe clamp screw, fly wheel housing, universal joint, differential housing, shock absorbers. **For Model T Fords** on commutator case support nut, exhaust manifold to cylinder block clamp nut, intake manifold to cylinder block clamp nut. Wt. 1 lb. .....Each **$2 50**

No. 1020. 5/8 inch hexagon socket. **For Model T Fords** on connecting rod, cylinder head, water cylinder inlet connection. Wt. 1½ lbs..Each **$2 70**

FIXED HANDLE SPEED

Used as a speed-tool in assembling and dismantling cars. Popular for cylinder head work. Shank 10¾ in. long. Hexagon socket.

No. 6016. 1/2 inch. For Model A Ford on crank case screws. Wt. 1½ lbs. .....Each **$1 00**

No. 6018. 9/16 inch. **For Model A Ford** on timing gear cover. **For Model T Ford** on intake manifold to cylinder block, exhaust manifold to cylinder block, cylinder to lower base, fan bracket bolt, transmission cover bolt and nut, timing gear cover. Wt. 1½ lbs. .....Each **$1 00**

No. 6020. 5/8 inch. **For Model T Ford** on battery cable terminal to floor, cylinder head, water inlet. Wt. 1½ lbs. .....Each **$1 00**

No. 6022. 11/16 inch. **For Model T Ford** on truck rear axle housing split, water outlet. Wt. 2 lbs. ....Each **$1 00**

No. 6024. ¾ inch. Wt., 1¾ lbs. .....Each **$1 00**

No. 6025. 25/32 inch. Wt., 1¾ lbs. .....Each **$1 00**

No. 6026. 13/16 inch. Wt., 1¾ lbs. .....Each **$1 00**

No. 6028. ⅞ inch. Wt., 1 13/16 lbs. .....Each **$1 00**

SHORT SHANK SPEED

For Model T Ford on crank case lower cover, differential drive gear, steering tube flange nut; 8 inch shank, 1/2 inch hexagon socket.

No. 6064. Wt. 1 lb. .....Each **$0 85**

CHEVROLET MAIN BEARING

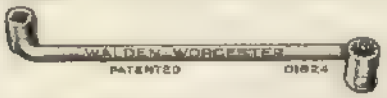
Chrome Nickel Drop Forging. Heat treted, permitting necessary thinness to reach in and grip front, center, and rear main bearing nuts in their awkward placing. For replacing bearings of all models of Chevrolet including 1928, while motor is in chassis. Sizes 7/8 and 13/16 in. Double hexagon. Length 15 inches.

No. 385C. Wt. 1½ lbs....Each **$3 35**

SOCKET WRENCHES

WALDEN - WORCESTER

OFFSET SWIVEL MAIN BEARING



For Model A Fords on main bearing. **For Model T Fords** the 9/16 inch square socket is for front and center main bearings and the 3/4 inch double broached socket will reach the rear main bearing.

No. 01824. 9/16 inch square and 3/4 inch double hexagon sockets. Wt. 1½ lbs. .....Each $2 10

BOXTITE
DOUBLEHEX BOX TYPE

The latest refinement in wrenches combining speed, safety, strength and convenience. One end offset with tapered cup to reach nuts in deep recesses. Thin narrow head on other end easily clears obstructions above the nut. Accurately double broached same size both ends.

Chrome Nickel Drop Forged. Specially heat treated to give unequaled strength and toughness. Permanent Chromium Plate.

No.	Hexagon Opening Inch	Length Inches	Each
2112	3/8	5	$1 65
2114	7/16	6	1 65
2116	1/2	6½	1 85
2118	9/16	7½	1 90
2120	5/8	8½	2 10
2122	11/16	9	2 20
2124	3/4	10	2 25
2128	7/8	11	2 70
2130	15/16	12	2 90
2132	1	12	3 10

DOUBLE END OFFSET
2 SOCKETS

Popular sizes for bearing and engine work. **For Model T Fords** on brake shoe support, cam shaft bearing set screw, commutator case support bolt, crank case arm bolt and nut, differential case nut, fan bracket bolt, muffler rod nut, spindle pivot nut, transmission drive plate screws. **For Model A Fords** on timing gear cover, fly wheel housing, universal joint and starter.

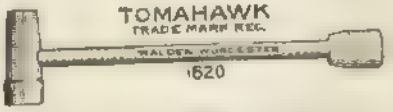
No. 2418. Length 9 inches, hexagon sockets 9/16 and 3/4 inch. Wt. 1 lb. .....Each $0 90

DOUBLE END OFFSET
2 SOCKETS

For Model T Fords. The 9/16 inch square socket takes both the center and front main bearing. The 9/16 inch hexagon socket has thin walls for clearance for wrist pin use only.

No. R1881 9/16 in. hexagon and 9/16 inch square. Wt. 1 lb. Each $1 25

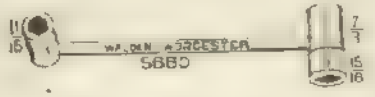
DOUBLE END OFFSET
3 SOCKETS



Large re-sale market to Models T and A Ford and Fordson owners. For **Model T Fords** on cylinder head cap screws, dash bracket to dash drive shaft roller bearing housing cap screws, fender to running board, hub brace rod support, front motor support, muffler rod nut, running board nuts, steering tube flange bolt nut, water cylinder inlet connection, water cylinder outlet connection. **For Model A Fords** on spring clips, bumper, water inlet, brake rod connection, generator adjustment, timing gear side plate, valve cover, engine perch support, exhaust pipe bracket.

No. 1620. Hexagon socket sizes 5/8 and 1/2 inch in double end, 5/8 inch in single end. Wt. 15 ozs. ....Each $1 00

DOUBLE END OFFSET
3 SOCKETS



Popular hexagon sizes for the garage. Also substantial resale market to car owners

No. 5660. Length overall 10½ inches, hexagon socket sizes 11/16, 7/8 and 15/16 inch. **For Model T Fords** on battery clamp nut and bolt, brake shoe support, drive shaft castle nut, front radius rod nut, spindle pivot with oiler, spring clip nuts, steering arm nut, front wheel flange nut, rer wheel to brake drum. **For Model A Fords** on cylinder head, water outlet, shackle, rear radius rod, engine perch and mud guard support. Wt. 1½ lbs. .....Each $1 20

CONNECTING ROD

Fits all connecting rod nuts on **Model T Fords,** including the fourth connecting rod. Hexagon socket 5/8 in. Length overall 10 5/16 in.

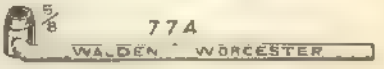
No. 5810. Wt. 1 lb.....Each $0 70

FLY WHEEL CAP SCREW

Used on fly wheel cap screws on **Model T Fords.** Hexagon socket 11/16 in.; length overall, 11¾ in

No. 3822. Wt. ¾ lb. .....Each $0 70

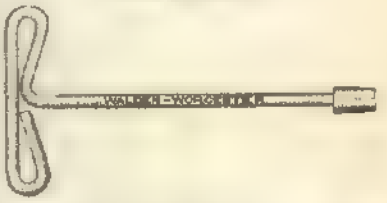
CONNECTING ROD SWIVEL



For connecting rods on Model T Fords.

No. 774. 5/8 inch hexagon socket. Wt. 1 lb. .....Each $1 25

TEE HANDLE



Useful on such places as cylinder heads, oil pan to base, intake and exhaust manifold clamps, timing gear cases, water inlet and outlet, differential housing front and rear, tie rod clevises, valve cover plates, rocker arm supports (Buick Cars), transmission covers. Hexagon sockets.

Handles, 6 in.; shanks, 12 in.

No. 2716. Size 1/2 inch. For **Model A Fords** on crank case screw, bumper and valve cover.....Each $0 75

No. 2718. Size 9/16 in. For **Model T Fords** on commutator case support, crank case to lower base, cylinder cover, fan adjustment, magnet cap screw, radiator support, universal ball cap .....Each $0 75

No. 2720. Size 5/8 in. For **Model T Fords** on cylinder head cap screws, drive shaft roller bearing, and water inlet .....Each $0.75

Weights from 1 to 1½ lbs.

WRENCHES

WALDEN - WORCESTER

SPARK PLUG AND CYLINDER HEAD

For **Model T Fords** on cylinder head cap screws, spark plug, water cylinder outlet, differential oil plug drain, transmission drain plug.

No. 3620. Length overall, 11 inches; hexagon socket sizes 15/16 inch and 5/8 inch. Wt. 1 lb.....Each $0 90

SOCKET WRENCH SETS

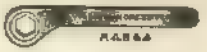
BETHLEHEM

QUICKWAY

A small, neat, extremely efficient wrench set for special work on carburetors, magnetos, generators, etc. Just the thing for mechanics, electricians, repairmen and auto owners. Contains seven sockets and a detachable T-handle with ball check in the end. Socket sizes: 9/32 in.; 5/16 in.; 11/32 in.; 3/8 in.; 7/16 in.; 15/32 in. and 1/2 in. Nicely packed in individual box.

Set No. A. Wt., 1½ lb.....Set $1 50

RATCHET WRENCHES



Used on **Model T Ford** brake and reverse transmission bands.

No. B4564. Hexagon opening, 11/16 inch; length overall, 6⅜ inches. Wt. each, 4 ozs. .....Each $0 60

Simple construction, few working parts. A strong durable tool that will be found useful in a wide variety of applications. Length 11 inches, opening 1/2 inch.

No. OR916. Wt. 2 lbs....Each $3 50

SPINTITE WRENCHES

For Hexagon Nuts.

Socket wrenches for small nuts in screw driver form. The Spintite socket gets a firm grip and the long reach gets into cramped places. The shank is drilled to go over extending screws. For electrical equipment, carburetors, windshield wipers, etc.

Nos.	3406	3408	3410	3411
Hex. open'g in.	3/16	1/4	5/16	11/32
Each $0	40	40	40	40

Nos.	3412	3414	3416
Hex. opening, in.	3/8	7/16	1/2
Each $0	40	65	65

Set T73. Seven Spintite Wrenches, one each 3/16, 1/4, 5/16, 11/32, 3/8, 7/16 and 1/2 in with stand. Set $4 20

HUB CAP WRENCHES

WALDEN-WORCESTER

Chrome-Alloy Drop Forging, 11½ inches long, with 34 inch canvas strap, chemically treated to take firm grip and resist wear. Takes all hub caps, hexagon, round or any shape, also radiator caps, gas caps, headlight rims; takes anything to 10 inches in diameter; special swinging link automatically locks strap on the object; useful for brass or copper pipe.

No. 457. Wt. 1¾ lbs.....Each $3 00
Five in a carton.

SPANNER WRENCHES

ADJUSTABLE

Drop Forged. Black Rust-Proof Finish.

No. 1. Takes circles 2 to 4 inches; pin ¼ inch diameter and ¼ inch long; length 9 inches. Wt., 8 ozs..Each $1 10

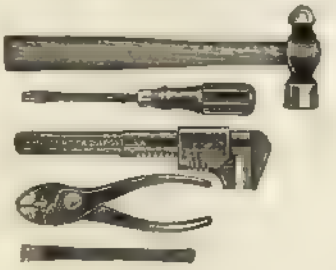
No. 2. Takes circles 2 to 4 inches; pin 5/16 in. diam. and ¼ in. long; length 9 inches. Wt., 10 ozs. .....Each $1 25

No. 3. Takes circles 2 to 4¾ inches; pin ⅜ in. diam. and ¼ in. long; length 10⅛ inches. Wt., 1 5/16 lbs. Each $1 50

Open stock.

AUTO TOOL KITS

USED CAR SETS



Made up for used car dealers or where a low priced kit is desired. Set consists of:

1 Ball Pein Hammer.
1 Combination Plier.
1 Adjustable Wrench.
1 Screw Driver.
1 Cold Chisel.

Set No. 50. Wt. 1¾ lbs. ....Set $1 00

Williams' Drop Forged Steel Wrench Sets

Automotive Wrench Sets

With Openings for Popular S. A. E. and U. S. Standard Nuts and Cap Screws

Carbon Steel

Finished are milled, surface smoothed, sizes stamped on heads, case-hardened and black enameled (baked on)—heads bright.

Automotive Set No. 25

No.	For U. S. Std. Nuts; Size Bolts	For Hex. Head Cap Screws; Diam. Screws	For S. A. E. Std. Nuts and Cap Screws; Size Bolts	Openings Milled	Extreme Length	Price Finished
723	~	5/16 & 1/4	1/4	3/8 & 7/16	4 1/4	$0.42
25	1/4 & 5/16	5/16	5/16	7/16 & 9/16	5 1/2	.50
27C	3/8	3/8	3/8	1/2 & 11/16	6 3/4	.62
28S	5/16	5/16	5/16 & 3/8	5/8 & 13/16	7	.74
731A	7/16	1/2 & 5/16	3/8 & 7/16	3/4 & 7/8	8 3/4	.90
33C	1/2	3/8 & 1/2	1/2 & 1	15/16 & 1	9 1/2	1.10
No. 25 Set—List Price of Roll, $1.00 Extra						$4.28

Automotive Extra Capacity Set, "Big Six," No. 4

725	1/4	1/4 & 5/16	1/4 & 5/16	7/16 & 3/4	5	$0.50
27C	3/8	3/8	3/8	5/8 & 11/16	6 1/2	.62
28	5/16 & 7/16			13/16 & 15/16	7	.74
729		7/16 & 1/2	7/16 & 1/2	5/8 & 3/4	7	.74
24	1/2 & 5/8	5/8	5/8 & 3/4	3/4 & 15/16	10 3/4	1.36
736	3/4	3/4 & 1	1 & 1 1/4	1 & 1 1/4	12	1.92
No. 4 Set—List Price of Roll, $1.00 Extra						$5.88

Light Automotive Set No. 2-S

773	3/4	1/4 & 5/16	1/4 & 5/16	7/16 & 1/2	7 1/2	$0.68
793		3/8 & 7/16	3/8 & 7/16	9/16 & 5/8	8 1/2	.86
81A	1/2	1/2 & 5/8	7/16 & 5/8	3/4 & 7/8	9 1/4	1.10
83A		3/4	5/8 & 11/16	15/16 & 1	10 3/4	1.40
85C	5/8 & 3/4	1	3/4 & 7/8	1 1/16 & 1 1/4	12	2.00
2-S Set—List Price of Roll, $1.00 Extra						$5.04

Standard Automotive Set No. 5-S

725	1/4	1/4 & 5/16	1/4 & 5/16	7/16 & 1/2	5	$0.50
727		3/8 & 7/16	3/8 & 7/16	9/16 & 5/8	6	.62
731A	1/2	1/2 & 5/8	1/2 & 5/8	3/4 & 7/8	8 3/4	.90
33C	3/4		5/8 & 11/16	15/16 & 1	9 1/2	1.10
37	5/8 & 3/4	1	3/4 & 7/8	1 1/16 & 1 1/4	12	1.92
5-S Set—List Price of Roll, $1.00 Extra						$5.04

Automotive Wrench Sets

No Duplication of Openings

Carbon Steel

For Light Service Only

Finished are milled, surface smoothed, sizes stamped on heads, case-hardened and black enameled (baked on)—heads bright.

Set No. 1

No	For Manufacturers' Std. Nuts; Size Bolt	For U. S. Std. Nuts; Size Bolt	For Hex. Head Cap Screws; Diam. Screw	For S. A. E. Std. Nuts and Cap Screws; Size Bolt	Openings Milled	Price Finished
75	5/16 & 1/4	3/16 & 1/4	5/16	5/16 & 1/4	7/16 & 1/2	$0 54
77	1/4 & 5/16	1/4	5/16 & 3/8	3/8 & 5/16	1/2 & 9/16	.68
79	5/16 & 3/8	5/16	7/16	7/16	5/8 & 11/16	.86
81	3/8 & 7/16	3/8		3/8 & 7/16	11/16 & 3/4	1.40
83	1/2 & 1/2			1/2	7/8 & 15/16	1.40
No 1 Set—List Price of Roll, $0 80 Extra						$4.86

Set No. 3

75B	1/4	5/16 & 1/4	1/4	1/4 & 7/16	7/16	$0.54
77B		5/16 & 3/8		3/8 & 5/16	1/2 & 9/16	.68
79	5/16	7/16	5/16	7/16	5/8 & 11/16	.86
81B	3/8	3/8 & 9/16	3/8	3/8 & 7/16	11/16 & 3/4	1.40
83B	1/2	5/8 & 3/4	7/16	1/2 & 5/8	7/8 & 1	1.40
86B	3/4	7/8 & 1	5/8	3/4 & 1	1 1/8 & 1 1/4	2.00
No. 3 Set—List Price of Roll, $1.00 Extra.						$6.58

Williams' Automotive Wrench Set

Garage "Extra Capacity"—No. 10

No Duplication of Openings

This assortment provides most comprehensive garage service. The openings, from 5/16 to 1 7/16 inches, cover every size U. S. and S. A. E. Standard nut and cap screw within that range.

Extra Capacity Garage Set, "Big Ten," No. 10

No.	For Manufacturers' Std. Nuts; Size Bolt	For U. S. Std. Nuts; Size Bolt	For Hex Head Cap Screws; Diam. Screw	For S. A. E. Std. Nuts and Cap Screws; Size Bolt	Price Finished
721	1/4	1/4 & 5/16		5/16 & 3/8	$0.34
23	5/16 & 3/8	3/8	5/16	7/16 & 1/2	.42
725A	1/2	1/2 & 5/8	3/8 & 7/16	1/2 & 9/16	.50
27	7/16 & 1/2			5/8 & 11/16	.62
729		7/16 & 1/2	1/2 & 5/8	3/4 & 7/8	.74
731B	5/8	5/8 & 3/4		15/16 & 1	.90
32	3/4		3/4 & 7/8	1 1/16 & 1 1/8	1.10
33C		3/4		1 1/4 & 1 1/2	1.92
737	7/8	7/8 & 1	1	1 5/16 & 1 7/16	2.80
38	1 & 1 1/8				
No. 10 Set—List Price of Roll, $1.75 Extra					$10.44

Williams' Drop Forged Steel Wrench Sets

Williams' *"Superrench"
(Chrome-Molybdenum)
Automotive Wrench Sets

Set 1025
Engineers Pattern

Set 2040
Obstruction Pattern

Furnished heat-treated, Chrome-Finished, heads bright.

Automotive Set No. 1025

No	For U.S. Std Nuts; Size Bolts	For Hex Head Cap Screws; Diam Screws	For S.A.E. Std Nuts and Cap Screws, Size Bolts	Openings Milled	Extreme Length	Price Each
1723		$\frac{5}{16}$ & $\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{8}$ & $\frac{3}{16}$	$4\frac{1}{4}$	$0.80
1023	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{1}{4}$ & $\frac{9}{32}$	$5\frac{1}{2}$	1.16
1027C	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{5}{16}$ & $\frac{11}{32}$	$6\frac{3}{4}$	1.40
1028S	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{3}{8}$ & $\frac{25}{64}$	$7\frac{3}{4}$	1.74
1731A	$\frac{1}{2}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{3}{4}$ & $\frac{7}{8}$	$9\frac{1}{2}$	2.35
1033C		$\frac{5}{8}$	$\frac{5}{8}$ & $\frac{11}{16}$	$\frac{15}{16}$ & 1	$10\frac{3}{4}$	3.15
No 1025 Set—						10.60
Leatherette Roll, Extra						1.80
Canvas Roll, Extra . .						1.00

Automotive Obstruction Set No. 2040

2723		$\frac{3}{8}$ & $\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{16}$ & $\frac{7}{32}$	$4\frac{1}{4}$	$0.80
2023	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{1}{4}$ & $\frac{9}{32}$	$5\frac{1}{2}$	1.16
2027C	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{5}{16}$ & $\frac{11}{32}$	$6\frac{3}{4}$	1.40
2028S	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{3}{8}$ & $\frac{25}{64}$	$7\frac{3}{4}$	1.74
2731A	$\frac{1}{2}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	$9\frac{1}{4}$	2.35
No. 2040 Set—						$7.45
Leatherette Roll, Extra . .						1.40
Canvas Roll, Extra						.80

Automotive Tappet Set No. 1063

Furnished heat-treated and Chrome-Finished (rust-proof), heads bright.

This selection of six "Superrenches" includes two each of three sizes, and covers every tappet size from $\frac{1}{2}$ in. to $\frac{7}{8}$ in

No.	Openings Milled and Tappet Sizes	Extreme Length, Approx.	Each Price
1090D	$\frac{1}{2}$ & $\frac{9}{16}$	8	$2.20
1090D	$\frac{5}{8}$ & $\frac{3}{4}$	8	2.20
1092F	$\frac{5}{8}$ & $\frac{11}{16}$	8	2.40
1092F	$\frac{5}{8}$ & $\frac{11}{16}$	8	2.40
1094	$\frac{3}{4}$ & $\frac{7}{8}$	9	2.70
1094	$\frac{3}{4}$ & $\frac{7}{8}$	9	2.70
No. 1063 Set—			14.60
Leatherette Roll, Extra.			1.35
Canvas Roll, Extra. . .			.80

Williams' *"Superrench"
(Chrome-Molybdenum)
Midget Electrical Set No. 1120

Midget "Superrenches" are extremely light and thin, yet amazingly strong for their size. Both openings in each wrench are the same size, **but at different angles** (15° and 75°)—where one head can not operate, the other **will.** On Auto-Electrical Work (Magnetos, Timers, Generators, Wiring Connections, etc.) and Carburetors, Radios—in fact, for all delicate adjustments, or in the closest of close quarters, this Midget "Superrench" Set is invaluable.

Genuine "Superrenches," forged from Chrome-Molybdenum steel, heat-treated, Chrome-finished, heads buffed.

Every "Supperrench" is Guaranteed Against Breakage

No.	†Openings Milled	Extreme Leng	Thickness Heads	Price Chrome-Finished
1114	$\frac{7}{32}$ & $\frac{7}{32}$	3	$\frac{5}{16}$	$0.90
1116	$\frac{1}{4}$ & $\frac{1}{4}$			.90
1120	$\frac{5}{16}$ & $\frac{5}{16}$			1.00
1122	$\frac{11}{32}$ & $\frac{11}{32}$	$3\frac{3}{4}$	$\frac{1}{4}$	1.00
1124	$\frac{3}{8}$ & $\frac{3}{8}$			1.00
1128	$\frac{7}{16}$ & $\frac{7}{16}$	$4\frac{1}{2}$	$\frac{5}{16}$	1.15
1132	$\frac{1}{2}$ & $\frac{1}{2}$			1.15
No 1120 Set—List Price with Leatherette Roll.				$7.80

†Two additional sizes can also be furnished:
No. 1116, Openings $\frac{7}{32}$ & $\frac{7}{32}$. Price, $0.90
No. 1118, Openings $\frac{9}{32}$. Price 1.00

Combination Electrical Set 287

A combination of Williams' Midget "Superrenches" and Socket Wrench Sockets, tapered for work in close quarters; made from High Grade steel and heat-treated to insure uniform quality. Full bright Nickel finish.

Midget "Superrenches" are described above.

Conveniently packed in a compact, strong metal box with hinged cover and finished in black lacquer.

Size, $5\frac{1}{4}$x$2\frac{3}{4}$x1 in high. Total weight $1\frac{1}{2}$ lbs.

Midget "Superrenches" (Chrome-Molybdenum) No.	Openings Milled	Extreme Length	Socket Wrenches
1114	$\frac{7}{32}$ & $\frac{7}{32}$	3	No. L-2 Combination Tee, 5 in. long.
1116	$\frac{1}{4}$ & $\frac{1}{4}$		
1120	$\frac{5}{16}$ & $\frac{5}{16}$		No. L-147 Handy Grip, $4\frac{1}{2}$ in. long.
1122	$\frac{11}{32}$ & $\frac{11}{32}$	$3\frac{3}{4}$	
1124	$\frac{3}{8}$ & $\frac{3}{8}$		
1128	$\frac{7}{16}$ & $\frac{7}{16}$	$4\frac{1}{2}$	8 Hexagon Sockets, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{11}{16}$, $\frac{3}{4}$, $\frac{7}{8}$ and 1 inch
1132	$\frac{1}{2}$ & $\frac{1}{2}$		

Price, complete $13.15

Williams' Drop Forged Steel Wrenches

Engineers' Wrenches

For U. S. and S. A. E. Standard Nuts and Cap Screws
15° Angle, Single Head

Unfinished are milled and case-hardened.

Finished are milled, surface and edges smoothed, sizes stamped on heads, case-hardened and black enameled (baked on)—heads bright.

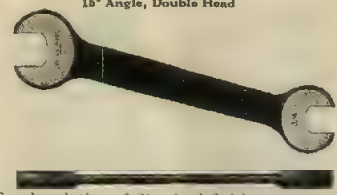
Wrenches of this style but with handle tapered will be furnished on orders for the larger sizes beginning with No. 11.

No.	For U. S. Std Nut, Size Bolt	For Hex. Head Cap Screw; Diam Screw	For S A E. Std. Nut and Cap Screw; Size Bolt	Opening Milled	Extreme Length, Approx.	Price Unfinished	Price Finished
00	1/8	1/8		3/16	3 1/2	$ .22	$ .28
700		5/32		1/4	.24		.30
0	5/16	5/16		13/32			
701		1/4	1/4	7/16	4 3/4	.39	.36
1	1/4	5/16	5/16	1/2			
702		3/8	3/8	9/16	5 1/2	.38	.44
2	5/16			17/32			
703		7/16	7/16	5/8	6 3/4	.43	.52
3	3/8			11/16			
704		1/2	1/2	3/4	7 1/4	.52	.64
4	7/16			25/32			
705		5/8		13/16	8 1/8	.62	.76
5	1/2	3/8	9/16	7/8			
6	9/16			29/32	9 1/4	.76	.92
706		3/4	11/16	1			
7	5/8		3/4	1 1/16	10 1/2	.96	1.14
707		7/8		1 1/8			
8	3/4	1	7/8	1 3/16	12	1.28	1.50
708A		1 1/8		1 1/4			
9	7/8		1	1 5/16	14 1/2	2.00	2.30
709		1 1/4		1 3/8			
10	1	1 3/8	1 1/8	1 7/16	15	2.80	3.20
11	1 1/8		1 1/4	1 15/16	16 1/2	3.80	4.20
12	1 1/4		1 3/8	1 3/4	18 1/4	5.20	5.70
13	1 5/16		1 1/2		20	6.70	7.30
14	1 1/2			2 1/16	22	8.36	9.20
15	1 5/8			2 3/16	24	10.00	11.20
16	1 3/4			2 3/4	27	11.90	13.40
16A	1 7/8			2 15/16			
17	2			3 1/16	30	13.70	15.50
18	2 1/4			3 1/2	34	27.50	29.50
19	2 1/2			3 7/8	38	39.75	42.00
19A	2 3/4			4 1/16			
20	3			4 1/8	42	58.50	62.00
*20A	3 1/4			5			
*21A	3 1/2			5 3/4			
*21B	3 3/4			5 3/4	47	97.00	104.00
*21C	4			6 1/8			
*22A	4 1/2			6 7/8	52	192.00	204.00
*22B	5			7 5/8			

*Furnished from stock till supply is exhausted; thereafter only on special order.

Engineers' Wrenches

For U. S. and S. A. E. Standard Nuts and Cap Screws
15° Angle, Double Head



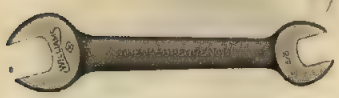
For description of Standard finishes, see opposite column.

No.	For U.S. Std Nuts Size Bolt	For Hex Head Cap Screws, Diam. Screw	For S A E Std Nut and Cap Screws, Size Bolt	Openings Milled	Extreme Length Ap'rx	Price Unfinished	Price Finished
721	1/8	1/8 & 5/32		3/16 & 7/32	4	$ 0.28	$0.34
21	5/32 & 3/16	3/16		1/4 & 9/32	4	.28	.34
722	1/4	1/4 & 1/4		1/4	4 1/8	.34	.42
22	5/16 & 1/4	5/16 & 5/16		5/16 & 3/8	4 1/4	.34	.42
723		5/16 & 3/8		1/2	4 1/4	.34	.42
723A	1/4	3/8 & 3/8		5/16 & 5/16	4 1/4	.34	.42
23	5/16 & 1/4	3/8 & 7/16		3/8 & 1/2	4 3/4	.34	.42
724		3/8 & 1/2		3/8	5	.40	.50
24	3/8 & 5/16			7/16	5	.40	.50
725	1/4	1/4 & 5/16	1/4 & 5/16	5/16 & 1/2	5	.40	.50
725A		1/4 & 5/16	1/4 & 5/16	5/16 & 5/16	5	.40	.50
725B	1/4	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16	5 1/4	.40	.50
25	3/8 & 5/16	5/16	5/16	1/2 & 15/16	5 1/2	.40	.50
726	3/8	5/16 & 7/16	5/16 & 7/16	1/2 & 5/8	6	.50	.62
26	1/4 & 5/16	3/8	3/8	5/8 & 11/16	6	.50	.62
727	3/8 & 7/16	7/16 & 1/2	7/16 & 1/2	5/8 & 5/8	6	.50	.62
27C	3/8			9/16 & 3/4	6 1/2	.50	.62
27	5/16 & 3/8	3/8	3/8	15/16 & 15/16	6 3/4	.50	.62
728		3/8 & 1/2	3/8 & 1/2	3/4 & 3/4	7	.60	.74
28	3/16 & 7/16			15/16 & 15/16	7	.60	.74
729	7/16 & 1/2	7/16 & 1/2	7/16 & 1/2	3/4 & 3/4	7	.60	.74
29B	7/16	7/16	7/16	15/16 & 15/16	7	.60	.74
29	3/8 & 7/16	7/16		11/16 & 15/16	7 3/4	.60	.74
730	7/16	7/16 & 9/16	7/16	5/8 & 15/16	8	.74	.98
730A	1/2	7/16 & 9/16	1/2 & 9/16	5/8 & 7/8	8	.74	.98
30	3/8 & 7/16	9/16	9/16	15/16 & 7/8	8	.74	.90
731	1/2	1/2 & 5/16	1/2	3/4 & 15/16	8 1/4	.74	.98
731A	1/2	1/2 & 9/16	1/2 & 9/16	3/4 & 7/8	8 1/4	.74	.98
31	7/16 & 1/2	9/16	9/16	15/16 & 15/16	8 3/4	.74	.98
731B	1/2	9/16 & 5/8	9/16	15/16 & 7/8	8 3/4	.74	.90
32	1/2 & 9/16	5/8		7/8 & 15/16	9 1/2	.90	1.10
732	9/16	5/8 & 3/4	11/16	15/16 & 1	9 1/2	.90	1.10
33A	1/2	3/4	5/8 & 3/4	1 & 1 1/16	9 1/2	.90	1.10
33	1/2 & 5/8	5/8	3/4	1 1/16 & 1 1/16	9 1/2	.90	1.10
733	5/8	5/8 & 3/4	13/16 & 7/8	1 & 1	9 1/2	.90	1.10
33C		3/4	13/16	1 1/16 & 1	9 1/2	.90	1.10
34	1/2 & 5/8	5/8	7/8 & 15/16	1 & 1 1/16	10 3/4	1.12	1.36
34A	5/8	5/8 & 3/4	15/16 & 1	1 1/16 & 1 1/16	10 3/4	1.12	1.36
734	1/2	3/4	1 & 1 1/16	1 1/16 & 1 1/8	10 3/4	1.12	1.36
35	5/8 & 3/4	3/4	1 1/16	1 1/8 & 1 1/4	10 3/4	1.12	1.36
735		3/4 & 7/8	1 1/16	1 & 1 1/4	10 3/4	1.12	1.36
36	5/8 & 3/4	7/8	1	1 1/16 & 1 1/4	12	1.62	1.92
736	3/4	7/8 & 1	1 1/16 & 1 1/8	1 & 1 1/4	12	1.62	1.92
37	5/8 & 3/4	1	1 1/8 & 1 1/4	1 1/16 & 1 1/4	12	1.62	1.92
737	3/4	7/8 & 1	1 1/8	1 1/8 & 1 1/4	12	1.62	1.92
38	5/8 & 7/8	1	1 1/4 & 1 1/8	1 1/8 & 1 1/4	13 1/4	2.48	2.80
*738		7/8 & 1 1/16		1 1/8 & 1 3/8	13 1/2	2.48	2.80
739	3/4	1 & 1 1/16	1 1/8	1 1/4 & 1 3/8	13 1/2	2.40	2.80
39	3/4 & 7/8	1	1 1/4 & 1	1 3/8 & 1	13 1/2	2.48	2.80
739A	3/4	1 & 1 1/4	1 1/8	1 1/4 & 1 1/4	13 1/2	2.40	2.80
*739B		1 1/8 & 1 1/4		1 1/4 & 1 3/8	13 1/2	2.40	2.80
40	3/4 & 1	1 & 1 3/8	1 1/4 & 1 1/8	1 3/8 & 1 1/2	16 1/4	3.30	3.80
41	7/8 & 1	1 3/8	1 & 1 1/2	1 & 1 1/2	16 1/2	3.30	3.80
42	7/8 & 1 1/8		1 & 1 1/4	1 & 1 1/2	17	4.60	5.30
43	1 & 1 1/8	1 1/8	1 1/8 & 1 1/4	1 1/8 & 1 1/2	17	4.60	5.30
44	1 & 1 1/4	1 1/8	1 1/8 & 1 1/8	1 1/8 & 2	19	6.25	7.20
45	1 1/8 & 1 1/4		1 1/8 & 1 1/4	1 1/8 & 2	19	6.25	7.20
46	1 1/8 & 1 1/8		1 1/4 & 1 1/2	1 1/8 & 2 1/16	21	9.30	10.50
47	1 1/4 & 1 3/8		1 3/8 & 1 1/2	2 & 2 1/16	21	9.30	10.50
48	1 1/4 & 1 1/4			2 & 2 1/16	23	12.50	14.00
49	1 3/8 & 1 1/2			2 1/16 & 2 1/16	23	12.50	14.00

Williams' Drop Forged Steel Wrenches

Williams' *"Superrench"
(Chrome-Molybdenum)

Engineers' Wrenches
15° Angle, Double Head



"Superrench" Wrenches, Engineers' Pattern, are particularly serviceable in close, cramped quarters where clearance is limited. Their heads are thinner and their jaws narrower than carbon steel wrenches with the same openings. Their generous length is ample for efficient service.

Furnished heat-treated and Chrome-Finished, with heads buffed bright.

Every "Supperrench" is Guaranteed Against Breakage

No.	For U.S. Std. Nuts; Size Bolts	For Hex Head Cap Screws; Diameter Screws	For S.A.E. Std. Nut and Cap Screws; Diameter Screws	Openings Milled	Extreme Length Approx.	Price Chrome-Finished
1721	3/8	3/8 & 7/16		5/16 & 3/8	4 1/16	$0.80
1031	7/16 & 1/2	7/16		3/8 & 15/32	4 1/16	.80
1732	9/16	1/2	1/4	7/16 & 1/2	4 1/16	.80
1733		9/16 & 5/8	5/16	7/16 & 9/16	4 1/16	.80
1022	3/8 & 1/2	3/8 & 7/16	3/8	5/16 & 3/8	4 1/16	.96
1023	9/16 & 5/8	1/2	7/16	15/32 & 17/32	4 1/16	.96
1723A	3/4	9/16 & 5/8	1/2	3/8 & 7/16	4 1/16	.96
1024	5/16 & 3/16		9/16	17/32 & 19/32	5 1/2	1.16
1725	1/4	1/4 & 5/16	1/4 & 5/16	5/16 & 3/8	5 1/16	1.16
1725A		1/4 & 5/16	1/4 & 5/16	7/16 & 1/2	5 1/16	1.16
1725B	5/16	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16	5 1/16	1.16
1025	3/8 & 7/16	7/16	3/8	9/16 & 11/16	6 1/16	1.16
1726	3/8	3/8 & 7/16	3/8 & 7/16	1/2 & 9/16	6 1/16	1.40
1026	1/2 & 9/16	9/16	7/16	5/8 & 11/16	6 1/16	1.40
1727	5/8	5/8 & 7/8	9/16 & 5/8	11/16 & 3/4	6 1/16	1.40
1027	11/16 & 3/4		11/16 & 3/4	13/16 & 15/16	6 1/2	1.40
1027C	7/8	7/8	3/4	7/8 & 15/16	6 1/2	1 40
1728		7/8 & 1	7/8 & 1	7/8 & 1/16	7 3/4	1.74
1028	7/8 & 15/16		15/16 & 1	1 & 1 1/16	7 3/4	1.74
1028S	1	1 1/16	1 1/16	1 1/16 & 1 1/8	7 3/4	1.74
1726		1 1/16 & 1 1/8	1 1/16 & 1	1 1/8 & 1 3/16	7 3/4	1.74
1029	1 1/16 & 1 1/8			1 5/16 & 1 3/8	7 3/4	1.74
1030	1 1/4 & 1 1/2	1 3/8	1 1/16	1 5/16 & 1 7/16	7 3/4	1.74
173.	1/4	1/2 & 9/16	1/4	3/4 & 13/16	9 1/4	2.35
173.A		1/2 & 9/16	1/2 & 9/16	3/4 & 7/8	9 1/4	2.35
1031	1/2 & 5/8	5/8	5/8	25/32 & 7/8	9 1/4	2.35
1731B	1/2	5/8 & 3/4	5/8	13/16 & 7/8	9 1/4	2.35
1032	5/8 & 3/4	3/4	3/4	13/16 & 15/16	9 1/4	2.35
1033A	7/8	3/4	3/4 & 7/8	7/8 & 15/16	9 1/4	2.35
1033	1/2 & 5/8	5/8	7/8	7/8 & 1 1/16	9 1/4	2.35
1733	1/2	5/8 & 3/4	5/8 & 7/8	7/8 & 1	10 3/4	3.15
1033C	5/8 & 3/4	3/4	7/8 & 1 1/16	15/16 & 1	10 3/4	3.15
1034	3/4 & 7/8	7/8	5/8 & 3/4	7/8 & 1 1/16	10 3/4	3.15
1734	7/8	7/8 & 1	7/8	7/8 & 1 1/16	10 3/4	3.15
1035	5/8 & 3/4		1	1 1/16 & 1 1/16	10 3/4	3.15
1736		3/4 & 7/8	1 1/16	1 & 1 1/16	12 1/4	4.40
1036	1/8 & 3/4	1	7/8	1 1/16 & 1 1/4	12 1/4	4.40
1736	3/4	3/4 & 1	1 1/16 & 1 1/8	1 & 1 1/4	12 1/4	4.40
1037	7/8 & 3/4	1	3/4 & 7/8	1 1/16 & 1 1/4	12 1/4	4.40
1737	3/4	7/8 & 1	1	1 1/8 & 1 1/4	12 1/4	4.40

Williams' "Superrench"
(Chrome-Molybdenum)

Tappet Wrenches
Long—Thin—Light—Strong

These extra long, thin Wrenches are specially designed for tappet adjustment; their length is ample to prevent burning the hands while working on tappets when the motor is hot (the only time for such service).

The 15° angle of opening is unequalled in efficiency. It makes the same size opening in both heads of the wrench unnecessary. Consequently, **each** "Superrench" serves **two** sizes of tappets.

Drop-forged from Chrome-Molybdenum steel, the strongest, toughest and most desirable material for the purpose ever produced. Though thin and light, their strength is amazing.

Furnished heat-treated, Chrome-Finished (**rust-proof**), heads buffed bright.

Every "Superrench" is Guaranteed Against Breakage

No.	Openings Milled	Extreme Length, Approx.	Thickness Heads	Price Each, Chrome-Finished
1090A	5/8 & 7/16	8	1/8	$2 20
1090B	13/16 & 1/2			
1090	5/8 & 1/2			
1090C	5/8 & 9/16			
1090F	3/4 & 17/32			
1090D	3/4 & 9/16			
1090E	3/4 & 19/32			
1092B	1/2 & 11/32	8	3/16	2.40
1092	5/8 & 5/8			
1092D	13/16 & 11/32			
1092F	5/8 & 11/32			
1094A	5/8 & 3/4	11	1/32	2.70
1094B	15/16 & 25/32			
1094D	13/16 & 25/32			
1094F	15/16 & 7/8			
1094G	3/4 & 15/16			
1094	3/4 & 7/8			
1096A	25/32 & 7/8	9	1/32	3.00
1096B	25/32 & 29/32			
1096F	7/8 & 31/32			
1096H	7/8 & 1			
1096	15/16 & 1			

Williams' Drop Forged Steel Wrenches

Check Nut or "Thin" Wrenches

15° Angle, Single Head

For Check, Jam, or Lock Nuts, etc.

Unfinished are milled and case-hardened.
Finished are milled, surface and edges smoothed, sizes stamped on heads, case-hardened and black enameled (baked on)—heads bright.

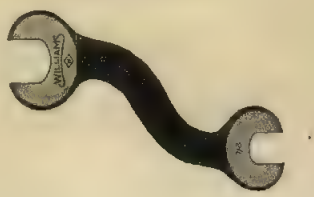
No.	For U.S. Std. Nuts: Size Bolt	For Hex. Head Cap Screws; Diam. Screw	For S.A.E. Std. Nut and Cap Screws, Size Bolt	Opening Milled	Extreme Length	Price Unfinished	Price Finished
601	¾	⅝	⅝	⅜	4	$0.30	$0.36
602	⅞			1 3/32	4 1/2	.37	.44
603	1			1 5/16	5 1/8	.44	.52
604	1⅛			1 9/32	5 3/4	.55	.64
605	1 1/4	⅞	⅞	1 3/8	6 3/8	.66	.76
606	1 5/16			1 31/32	7 1/4	.78	.90
607	1⅜	1⅛	1⅛	2 1/16	8 1/2	.94	1.08
608	1 7/16	1	1	2 1/4	10	1.20	1.36
609	1½	1⅛	1	2 7/16	11 3/4	1.66	1.84
610	1	1⅜	1⅛	1⅜	13 1/4	2.40	2.60

15° Angle, Double Head

No.	For U.S Std Nuts Size Bolt	For Hex. Head Cap Screws; Diam. Screw	For S.A.E. Std. Nut and Cap Screws; Size Bolt	Openings Milled	Extreme Length	Price Unfinished	Price Finished
623E		3/16 & 1/4	5/16	3/8 & 7/16	4 3/4	$0.42	$0.50
623	5/16 & 3/8	5/16		7/16 & 1/2	4 3/4	.42	.50
624	3/8 & 7/16			1/2 & 9/16	4 3/4	.42	.50
623D	1/4	1/4 & 5/16	1/4 & 5/16	5/16 & 3/8	4 3/4	.42	.50
625	1/4 & 5/16	5/16	5/16	3/8 & 7/16	4 3/4	.42	.50
626	1/4 & 3/8	5/16	5/16	1/2 & 11/16	6	.54	.64
626S	3/8 & 7/16	3/8 & 7/16	3/8 & 7/16	5/16 & 3/8	6	.54	.64
626X	3/8	3/8	3/8	11/16	6	.54	.64
627	3/8 & 7/16			1/2 & 1 1/16	6	.54	.64
628	7/16 & 1/2			5/8 & 25/32	6 3/4	.60	.72
629D		7/16 & 1/2	7/16 & 1/2	5/8 & 3/4	6 3/4	.60	.72
629	3/4 & 7/8			7/8 & 29/32	6 3/4	.60	.72
630	7/8 & 1			1 & 1 1/16	7 1/2	.66	.80
630E		1/2 & 5/8	1/2 & 5/8	3/4 & 7/8	7 1/2	.66	.80
631	7/8 & 15/16			29/32 & 15/16	7 1/2	.66	.88
632	7/16 & 1/2			1/2 & 5/8	8 3/4	.96	1.12
633	1/2 & 5/8	5/8		5/8 & 3/4	8 3/4	.96	1.12
634	1/2 & 5/8	5/8	5/16 & 3/8	3/4 & 1 1/16	8 3/4	.96	1.12
632X			3/4 & 7/8	1 3/16 & 1	8 3/4	.96	1.12
635	9/16 & 5/8		5/8	7/8 & 1	10 1/2	1.48	1.68
636	9/16 & 5/8	1	7/8	1 & 1 1/4	10 1/2	1.48	1.68
635E		3/4 & 1	1 & 1 1/8	1 & 1 1/4	10 1/2	1.48	1.68
637	5/8 & 3/4	1	1 1/16 & 1 1/8	1 1/16 & 1 1/4	10 1/2	1.48	1.68
635G		7/8 & 1	1 1/4 & 1 5/16	1 1/4 & 1 1/2	10 1/2	1.48	1.68
638	5/8 & 3/4		1 & 1 1/8	1 1/16 & 1 1/8	12 1/2	2.35	2.60
639	3/4 & 7/8	1	1 1/4 & 1	1 1/4 & 1 1/16	12 1/2	2.35	2.60
640	7/8 & 1	1 & 1 1/8	1 1/8 & 1 1/4	1 1/4 & 1 5/16	12 1/2	2.35	2.60

"S" Wrenches with Flat Handle

22½° Angle, Double Head



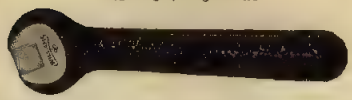
For description of Standard finishes, see opposite column.

*Furnished from stock till supply is exhausted; thereafter only on special order.

No.	For U.S Std Nuts: Size Bolt	For Hex. Head Cap Screws; Diam. Screw	For S.A.E. Std Nut and Cap Screws, Size Bolt	Openings Milled	Extreme Length	Price Unfinished	Price Finished
661D	3/8	3/8 & 5/16		3/8 & 7/16	4	$0.37	$0.44
661A	1/2 & 5/16	1/2		5/16 & 15/32	4	.37	.44
661E	5/8	1/2 & 1/4	1/4	1/2 & 9/16	4	.37	.44
661B	3/4 & 1/4	1/2 & 5/16	5/16	5/8 & 3/4	4	.37	.44
661F		5/16 & 1/4	1/4	3/8 & 7/16	4	.37	.44
661G		5/16 & 3/8	5/16	9/16 & 3/4	4	.37	.44
661C	5/16 & 3/4	5/16	5/16	13/16 & 7/8	4	.37	.44
*662A	5/16 & 5/16	1/4	1/4 & 5/16	13/16 & 13/16	5	.49	.58
662D		1/4 & 5/16	1/4 & 5/16	7/8 & 7/8	5	.49	.58
662E		1/4 & 3/8	1/4 & 3/8	7/8 & 15/16	5	.49	.58
662F	1/2	5/16 & 3/8	5/16 & 3/8	1 & 1 1/16	5	.49	.58
662B	1/2 & 5/16	3/8	3/8	1 1/8 & 15/16	5	.49	.58
662G	1/2	3/8 & 7/16	3/8 & 7/16	1 1/8 & 1 3/16	5	.49	.58
663C	1/2 & 3/4	3/8	3/8	1 1/4 & 1 7/16	5	.49	.58
663D		3/8 & 7/16	3/8 & 7/16	3/4 & 3/4	6 1/4	.68	.78
663E		3/8 & 1/2	3/8 & 1/2	7/8 & 7/8	6 1/4	.68	.78
663A	5/8 & 3/8			15/16 & 15/16	6 1/4	.68	.78
*663B	5/8 & 7/16			1 1/16 & 1 1/16	6 1/4	.68	.78
663F		7/16 & 1/2	7/16 & 1/2	1 1/8 & 1 1/8	6 1/4	.68	.78
663G		7/16 & 9/16	7/16	1 3/16 & 1 3/16	6 1/4	.68	.78
663C	3/8 & 7/16			1 1/4 & 1 5/16	6 1/4	.68	.78
664A	3/4 & 3/8	5/8	9/16	1 1/16 & 7/8	7 1/4	.92	1.06
*664D		1/2 & 9/16	1/2	7/8 & 15/16	7 1/4	.92	1.06
664E		3/8 & 5/8	3/8 & 9/16	7/8 & 7/8	7 1/4	.92	1.06
664B	7/16 & 1/2	5/8	5/8	1 1/16 & 1	7 1/4	.92	1.06
*664C	7/16 & 9/16			1 1/16 & 1 1/16	7 1/4	.92	1.06
664F	1/2	9/16 & 5/8	9/16	1 1/16 & 1	7 1/4	.92	1.06
*665D		9/16 & 3/4	5/16	1 3/16 & 1	9	1.25	1.44
665A	1/2 & 9/16	5/16	9/16	1 1/16 & 1 1/32	9	1.25	1.44
665E	1/2	5/16 & 3/4	5/16 & 1 1/16	1 1/16 & 1	9	1.25	1.44
665B	1/2 & 5/8	3/4	3/4 & 7/8	1 1/16 & 1 1/16	9	1.25	1.44
*665F	5/8	5/16 & 1/2	9/16	1 1/16 & 1 1/16	9	1.25	1.44
665C	5/8 & 7/8	3/4	3/4 & 1 1/16	1 1/16 & 1 1/16	9	1.25	1.44
*665G	3/4 & 15/16	15/16	1 & 1 1/8	1 & 1 1/8	9	1.25	1.44
666A	9/16 & 5/8	1	5/8	1 1/16 & 1 1/4	10 1/2	1.75	2.00
*666D	3/4	3/4 & 1	7/8	1 & 1 1/4	10 1/2	1.75	2.00
666B	5/8 & 3/4	1	1 1/16 & 1 1/8	1 1/16 & 1 1/4	10 1/2	1.75	2.00
*666C	7/8 & 1		1 & 1 1/8	1 1/16 & 1 1/16	10 1/2	1.75	2.00
666E		3/4 & 1	1 1/8	1 1/16 & 1 1/4	10 1/2	1.75	2.00
*666F		7/8 & 1 1/8		1 1/16 & 1 1/8	10 1/2	1.75	2.00
*667D	3/4	1 & 1 1/8	7/8	1 1/4 & 1 3/8	12	2.60	2.90
667A	3/4 & 7/8	1	7/8 & 1	1 1/4 & 1 1/16	12	2.60	2.90
*667E	3/4	1 & 1 1/4	1	1 1/4 & 1 1/2	12	2.60	2.90
667B	3/4 & 1	1 & 1 1/4	7/8 & 1 1/16	1 1/4 & 1 3/8	12	2.60	2.90
*667F		1 1/8 & 1 1/4		1 1/4 & 1 1/2	12	2.60	2.90
667C	7/8 & 1	1 1/8	1 & 1 1/8	1 1/16 & 1 3/8	12	2.60	2.90
*668A	7/8 & 1 1/4		1 & 1 1/4	1 7/16 & 1 1/16	14	4.50	5.00
*668B	1 & 1 1/8	1 1/8	1 1/8 & 1 1/4	1 5/8 & 1 3/16	14	4.50	5.00
*668C	1 & 1 1/4	1 1/4	1 1/4 & 1 3/8	1 3/4 & 2	14	4.50	5.00

Williams' Drop Forged Steel Wrenches

Set Screw Wrenches
22½° Angle, Single Head



Unfinished are milled and case-hardened.
Finished are milled, surface and edges smoothed, sizes stamped on heads, case-hardened and black enameled (baked on)—heads bright.

No.	Milled Opening for Set Screw, Size	Extreme Length	Thickness Head	PRICE Unfinished	PRICE Finished
500	3/16	3	3/16	$0.24	$0.28
501	1/4	3 1/16	1/4	.29	.34
502	5/16	4 1/4	5/16	.35	.42
503	3/8	5	11/32	.42	.50
504	7/16	5 3/4	3/8	.52	.62
505	1/2	6 3/8	7/16	.63	.76
506	9/16	7 1/8	1/2	.76	.92
507	5/8	8 1/2	9/16	.91	1.10
508	3/4	9 1/2	5/8	1.14	1.36
509	7/8	10 1/2	11/16	1.43	1.66
510	1	11 1/2	3/4	1.92	2.20
511	1 1/8	12 1/2	15/16	2.50	2.80

Set Screw Wrenches
22½° Angle, Double Head

For description of new Standard finishes, see above.
*Furnished from stock on hand till supply is exhausted; thereafter on special order only.

No.	Milled Opening for Set Screws; Size	Extreme Length	Thickness Head	PRICE Unfinished	PRICE Finished
524	3/16 & 1/4	3 1/2	7/16	$0.34	$0.40
*524	3/16 & 5/16	4 1/4	5/16	.40	.48
525	1/4 & 5/16	4 1/4	5/16	.40	.48
526	1/4 & 3/8	5	11/32	.48	.58
527	5/16 & 3/8	5	11/32	.48	.58
528	5/16 & 7/16	5 3/4	3/4	.58	.70
529	3/8 & 7/16	5 3/4	3/8	.58	.70
530	3/8 & 1/2	6 3/8	7/16	.74	.90
531	7/16 & 1/2	6 3/8	7/16	.74	.90
*532	7/16 & 9/16	7 1/2	1/2	.88	1.08
533	1/2 & 5/8	7 1/2	9/16	.88	1.08
534	1/2 & 5/8	8 1/2	5/8	1.07	1.30
535	9/16 & 5/8	8 1/2	9/16	1.07	1.30
*536	9/16 & 3/4	9 1/4	5/8	1.35	1.60
537	5/8 & 3/4	9 1/4	5/8	1.35	1.60
*538	5/8 & 7/8	11	11/16	1.70	2.00
539	3/4 & 7/8	11	11/16	1.70	2.00
540	3/4 & 1	12 1/4	3/4	2.25	2.60
541	7/8 & 1	12 1/2	7/8	2.25	2.60
*542	7/8 & 1 1/4	14	15/16	3.10	3.50
*543	1 & 1 1/4	14	15/16	3.10	3.50

Double Head Tool Post Wrenches
For Set Screws

Unfinished are milled and broached, and case-hardened.

Finished are milled and broached, surface and edges smoothed, case-hardened and black enameled (baked on)—heads bright.

No.	Open End for Set Screw; Size	Closed End for Set Screw; Size	Extreme Length	Thickness Heads	PRICE Unfinished	PRICE Finished
554	3/16	7/16	6 1/2	1/2 & 1/2	$0.95	$1.12
555	1/4	1/2	6	5/16 & 5/16	1.05	1.24
555B	9/32	1/2	6	5/16 & 5/16	1.05	1.24
555C	9/32	9/16	6	5/16 & 5/16	1.05	1.24
556	5/8	5/8	7	5/8 & 5/8	1.22	1.44
556B	11/16	5/8	7	5/8 & 5/8	1.22	1.44
556C	11/16	11/16	7	5/8 & 5/8	1.22	1.44
557	3/4	3/4	7 1/2	11/16 & 11/16	1.40	1.64

Double Head Tool Post Wrenches
For U. S. Standard Nuts and Set Screws

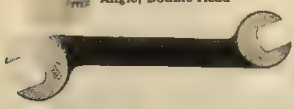
Unfinished are milled and broached and case-hardened.

Finished are milled and broached, surface and edges smoothed, sizes stamped, case-hardened and black enameled (baked on)—heads bright.

No	Open End for U. S. Standard Nut: Size Bolt	Open End for U. S. Standard Nut: Opening Milled	Closed End for Set Screw; Size	Extreme Length	Thickness Heads	PRICE Unfinished	PRICE Finished
562	1/4	1/16	7/16	6 1/2	1/2 & 5/8	$1.15	$1.32
563	1/2	7/8	1/16	7	5/8 & 5/8	1.22	1.44
563B	1/2	7/8	1/2	7	5/8 & 5/8	1.22	1.44
563C	1/2	7/8	9/16	7	5/8 & 5/8	1.22	1.44
563D	1/2	7/8	5/8	7	5/8 & 5/8	1.22	1.44
564	5/8	1 1/16	5/8	7 1/2	5/8 & 11/16	1.40	1.64
565	5/8	1 1/4	3/4	8	5/8 & 5/8	1.70	1.94
566	3/4	1 1/4	9/16	9 1/4	5/8 & 11/16	2.10	2.40
566B	3/4	1 1/4	7/8	9 1/2	5/8 & 11/16	2.10	2.40
567	3/4	1 1/2	1	10	7/8 & 7/8	2.90	3.28
567B	7/8	1 1/2	15/16	10	7/8 & 7/8	2.90	3.28
567C	7/8	1 1/2	1	10	7/8 & 7/8	2.90	3.20
568	1	1 1/2	7/8	11	15/16 & 15/16	4.00	4.40
568B	1	1 1/2	1	11	15/16 & 15/16	4.00	4.40
568C	1 1/8	1 15/16	1	11	15/16 & 15/16	4.00	4.40
568D	1 1/8	2	1	11	15/16 & 15/16	4.00	4.40

Williams' Drop Forged Steel Wrenches

Tensile Machine Wrenches
15° Angle, Double Head



No.	For U.S Std. Nuts; Size Bolt	For Hex. Head Cap Screws; Diam. Screw	For S.A.E. Std. Nut and Cap Screws; Size Bolt	Openings Milled	Extreme Length	Price Unfinished	Price Finished
780A	1/8 & 1/4	1/8 & 3/16	5/16	3/16 & 1/4	4 3/4	$0.42	$0.50
780B	5/16 & 3/8	1/4		7/32 & 9/32	4 3/4	.42	.50
780C	5/16 & 7/16	5/16	3/8 & 7/16	5/16 & 11/32	4 3/4	.42	.50
780Y	1/4	1/4 & 5/16	1/4 & 5/16	1/4 & 5/16	4 3/4	.42	.50
781X	1/4	5/16 & 3/8	5/16 & 3/8	1/4 & 9/32	5 3/4	.52	.62
781A	1/4 & 5/16	5/16	5/16	1/4 & 19/64	5 3/4	.52	.62
781	1/4	5/16 & 7/16	3/8 & 7/16	1/4 & 5/16	5 3/4	.52	.62
781B	3/4 & 5/16	5/16	5/16	1/4 & 11/32	5 3/4	.52	.62
781C	5/16 & 3/8	7/16 & 7/16	7/16 & 1/2	5/16 & 3/8	5 3/4	.52	.62
781C	5/16 & 3/8			15/32 & 1 7/16	5 3/4	.52	.62
*782A	5/16 & 7/16			19/64 & 23/64	7	.68	.80
782X		7/16 & 1/2	7/16 & 1/2	5/16 & 3/8	7	.68	.80
782B	3/4 & 7/16			11/32 & 25/64	7	.68	.80
782C	3/8 & 1/2	3/8	3/8	11/32 & 3/8	7	.68	.80
783X	1/2	1/2 & 9/16	1/2 & 9/16	3/8 & 13/32	8 1/4	.90	1.06
783A	7/16 & 1/2	9/16	9/16	25/64 & 7/16	8 1/4	.90	1.06
783B	7/16 & 9/16			29/64 & 31/64	8 1/4	.90	1.06
*783D	1/2	9/16 & 5/8	9/16 & 5/8	7/16 & 15/32	8 1/4	.90	1.06
783C	1/2 & 9/16	5/8	5/8	7/16 & 31/64	8 1/4	.90	1.06
784	3/8	5/8 & 3/4	5/8 & 3/4	7/16 & 11/16	9 1/2	1.20	1.44
784A	1/2 & 5/8	5/8	5/8 & 3/4	1/2 & 1 1/64	9 1/2	1.20	1.44
784Z		3/4	5/8 & 13/16	15/32 & 1	9 1/2	1.20	1.44
*784D	5/8		5/8 & 3/4	15/32 & 1 1/64	9 1/2	1.20	1.44
784B	5/8 & 3/4		3/4	15/32 & 1 1/64	9 1/2	1.20	1.44
*784C	5/8 & 3/4	1	7/8	17/32 & 1 1/32	9 1/2	1.20	1.44
785A	3/4 & 7/8	1	3/4 & 7/8	1 1/64 & 1 1/4	11	1.60	1.92
785B	7/8 & 1		3/4 & 1	1 1/64 & 1 1/4	11	1.60	1.92
785C	7/8 & 1	1	7/8 & 1	1 1/64 & 1 1/4	11	1.60	1.92

Light Service Wrenches
22½° Angle, Long and Light

No.	For U.S. Std. Nuts, Size Bolt	For Hex. Head Cap Screws Diam. Screw	For S.A.E. Std. Nut and Cap Screws, Size Bolt	Openings Milled	Extreme Length	Price Unfinished	Price Finished
75C	1/8	3/8		3/16 & 3/32	6 1/4	$0.45	$0.54
75B		5/16 & 1/4	1/4	3/16 & 7/64	6 1/4	.45	.54
75A		5/16 & 3/8	5/16 & 3/8	1/4 & 9/32	6 1/4	.45	.54
75	7/16 & 1/4	5/16	5/16	15/32 & 1/2	6 1/4	.45	.54
77S	1/4	1/4 & 5/16	1/4 & 5/16	7/32 & 1/4	7 1/4	.58	.68
77B	1/4	5/16 & 3/8	5/16 & 3/8	1/4 & 9/32	7 1/4	.58	.68
77	1/4	5/16 & 7/16	7/16 & 1/2	1/4 & 5/16	7 1/4	.58	.68
79B	5/16	3/8	5/16	9/32 & 15/64	8 1/4	.73	.86
79S	5/16	3/8 & 7/16	3/8 & 7/16	9/32 & 5/16	8 1/4	.73	.86
79A	3/8	3/8	3/8	9/32 & 5/16	8 1/4	.73	.86
79D	7/16 & 3/8		7/16	15/32 & 17/32	8 1/4	.73	.86
79	3/8	7/16	7/16	5/16 & 11/32	8 1/4	.73	.86
79C		7/16 & 1/2	1/2 & 9/16	5/16 & 3/8	8 1/4	.73	.86
81	3/8			11/32 & 25/64	9 1/4	.93	1.10
81B		1/2 & 9/16	1/2 & 9/16	3/8 & 13/32	9 1/4	.93	1.10
81A	1/2	1/2 & 5/8	1/2 & 5/8	3/8 & 7/16	9 1/4	.93	1.10
83		5/8	5/8 & 3/4	25/64 & 15/32	10 5/8	1.16	1.40
83D	1/2	5/8	5/8 & 13/16	7/16 & 15/32	10 5/8	1.16	1.40
83B	1/2	5/8 & 3/4	5/8 & 13/16	7/16 & 1	10 5/8	1.16	1.40
83C	1/2 & 5/8	5/8	5/8 & 7/8	7/16 & 1 1/16	10 5/8	1.16	1.40
83A		3/4	7/8 & 15/16	15/32 & 1	10 5/8	1.16	1.40
85		3/4 & 7/8	15/16	1 & 1 1/16	12	1.65	2.00
85C	5/8 & 3/4	1	3/4 & 7/8	1 1/16 & 1 1/4	12	1.65	2.00
85B	3/4	7/8 & 1	7/8	1 1/16 & 1 1/4	12	1.65	2.00

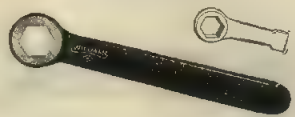
Square Box Wrenches
22½° Angle, Single Head

Unhardened are broached.

Finished are broached, surface and edges smoothed, size stamped, case-hardened and black enameled (baked on)—heads bright.

No.	For Set Screw; Size	Extreme Length	Head Thickness	Head Outside Diam	Price Unhardened	Price Finished
580	1/8	3	1/4	1/2	$0.22	$0.30
581	1/4	3 1/2	5/32	5/8	.24	.34
582	5/16	3 3/4	5/16	11/16	.28	.40
583	3/8	4 1/4	7/32	27/32	.32	.48
584	7/16	4 7/8	1/2	31/32	.38	.56
585	1/2	5 1/2	19/32	1 1/16	.46	.68
586	9/16	6 1/4	1/2	1 3/16	.56	.82
587	5/8	7	5/8	1 5/16	.70	1.00
588	3/4	8	5/8	1 7/16	.88	1.24
589	7/8	9	11/16	1 31/32	1.10	1.52
590	1	10	3/4	2	1.60	2.10

Hex Box Wrenches
18° Angle, Single head



Wrenches of this style but with handle tapered will be furnished on orders for the larger sizes, beginning with No. 811.

†At extra charge Numbers 818 to 820 inclusive are also furnished with "striking-face" on end of handle as shown by small outline cut; lengths as follows:

Number	818	819	819A	820
Length	18 1/4	19 1/4	20 1/4	21

*Furnished from stock till supply is exhausted; thereafter only on special order.

No.	For U.S. Std. Nut; Size Bolt	Short Diameter Opening Broached	Extreme Length	Head Outside Diameter	Price Unhardened	Price Finished
800	5/8	15/16	3 1/2	3/4	$0.26	$0.36
801	3/4	1 1/32	4	27/32	.30	.42
802	7/8	1 5/64	4 3/4	1 7/32	.36	.50
803	15/16	1 5/16	5 1/2	1 1/4	.43	.58
804	1	1 3/8	6 1/8	1 3/4	.50	.70
805	1 1/8	1 1/2	7 3/4	1 1/2	.60	.84
806	1 1/4	1 5/64	8 3/4	1 5/8	.72	1.00
807	1 3/8	1 5/64	9 7/8	1 3/4	.90	1.24
808	1 1/2	1 17/64	11 1/2	2 1/4	1.16	1.56
809	1 5/8	1 25/64	13 1/8	2 3/4	1.56	2.08
810	1	1 21/64	15 1/4	2 5/8	2.10	2.80
811	1 1/8	1 37/64	17 1/4	2 7/8	2.80	3.70
812	1 1/4	2 1/2	19	3 1/4	3.70	4.80
813	1 5/8	2 1/2	21	3 1/2	4.70	6.00
814	1 1/2	2 11/64	23	3 3/4	6.00	7.50
*815	1 5/8	2 13/64	25	4	7.50	9.20
*816	1 3/4	2 21/64	27	4 1/4	9.80	12.50
*817	2	3 1/2	30 1/2	4 3/4	13.00	17.00
†*818	2 1/4	3 33/64	†34	5 1/4	17.00	22.00
†*819	2 1/2	3 53/64	†38	5 3/4	23.00	29.00
†*819A	2 3/4	4 15/64	†42	6 1/2	30.00	37.00
†*820	3	4 45/64	†46	7	40.00	50.00

Williams Drop Forged Steel Wrenches

Williams' "Superrench"
(Chrome-Molybdenum)

Construction Wrenches
15° Angle

Redesigned and lengthened. Jaws are long and narrow, providing substantially full bearing on square nuts.

Forged from Chrome-Molybdenum steel, these wrenches are much stronger than carbon steel wrenches of corresponding size. They are absolutely dependable and assure safety in operation.

Furnished heat-treated and Chrome-Finished; the heads are not buffed bright.

Every "Superrench" is Guaranteed Against Breakage

No	For U. S Standard Nut; Size Bolt	Opening Milled	Extreme Length	Thickness Head	Price, Chrome-Finished
1203	3/8	1 1/16	12	7/16	$2.00
1205	1/2	7/8	14 1/2	17/32	2.60
1207	5/8	1 1/16	17	5/8	3.60
1208	3/4	1 1/4	19	1/16	4.90
1209	7/8	1 7/16	21	3/4	6.75
1210	1	1 5/8	23	27/32	9.50

Structural "Superrench"
Straight Opening

Redesigned and lengthened. Jaws long and narrow; handles are tapered for easy insertion into bolt holes.

Forged from Chrome-Molybdenum steel, these wrenches are much stronger than carbon steel wrenches of corresponding size. They are absolutely dependable and assure safety in operation.

The abrupt offset and angle of handle provide for clearance of obstructions, even when these are close to the head, and safety to the operator's hands. The wrench is particularly well balanced.

Furnished heat-treated and Chrome-Finished; the heads are not buffed bright.

Every "Superrench" is Guaranteed Against Breakage

No.	For U S Std. Nut; Size Bolt	Opening Milled	Extreme Length	Handle Offset: At Head	Handle Offset: At End	Price, Chrome-Finished
1903	3/8	7 1/32	12	3/4	1 11/16	$ 2.35
1905	1/2	15/16	14 1/2	7/8	1 3/8	3.15
1907	5/8	1 1/4	17	1	2 3/8	4.40
1908	3/4	1 3/4	19	1 1/2	2 3/4	6.00
1909	7/8	1 1/2	21	1 1/4	3 1/16	8.15
1910	1	1 11/16	23	1 7/16	3 3/8	11.85

Williams' "Superrench"
(Chrome-Molybdenum)

General Service Wrench
22½° Angle, Double Head
Long and Light

Due to the use of Chrome-Molybdenum steel, these "Superrenches" provide a great increase in strength and toughness over the carbon steel wrench of corresponding size. They are long, light and efficient

These wrenches will strip the thread of any standard nut, or break the bolt before spreading the jaws. Guaranteed against breakage.

Furnished heat-treated, Chrome-finished, with heads bright.

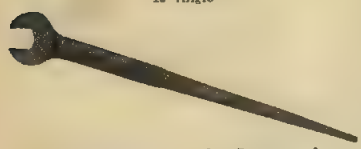
Supplied to dealers in two assortments, mounted on special Silent Salesman display boards.

Every "Superrench" is Guaranteed Against Breakage

No.	For U S Std. Nuts; Size Bolts	For Hex. Head Cap Screws, Diam. Screws	For S.A.E Std. Nuts and Cap Screws; Size Bolts	Openings Milled	Extreme Length Appr	Price Chrome Finished
1075B		3/16 & 1/4	1/4	3/4 & 7/16	6 1/4	$1 80
1075A		5/16 & 3/8	5/16	9/16 & 11/16	6 1/4	1 30
1075	5/16 & 1/4	7/16	3/8	11/16 & 1/2	6 1/4	1.30
1077S	1/4	1/2 & 5/16	1/4 & 5/16	7/16 & 1/2	7 1/4	1.65
1077B	1/4	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16	7 1/4	1.65
1077	3/4	7/16 & 7/16	7/16 & 7/16	1/2 & 5/8	7 1/4	1.65
1079B	5/16	9/16	9/16	9/16 & 13/16	8 1/4	2.05
1079S		5/8 & 7/16	5/8 & 7/16	7/16 & 5/8	8 1/4	2.05
1079A	3/8	5/8	5/8	5/8 & 11/16	8 1/4	2.05
1079	3/8	7/16	7/16	5/8 & 11/16	8 1/4	2.05
1079C		7/16 & 1/2	7/16 & 1/2	5/8 & 3/4	8 1/4	2.05
1081	3/8			11/16 & 27/32	9 1/4	2.50
1081B		1/2 & 9/16	1/2	3/4 & 13/16	9 1/4	2.50
1081A	1/2	1/2 & 5/8	1/2 & 9/16	3/4 & 7/8	9 1/4	2.50
1083			5/8	27/32 & 13/16	10 3/4	3.25
1083B	1/2	5/8 & 3/4	5/8 & 11/16	7/8 & 1	10 3/4	3.25
1083A		3/4	5/8 & 11/16	15/16 & 1	10 3/4	3.25
1085		3/4 & 7/8	11/16	1 & 1 1/16	12	4.60
1085C	5/8 & 3/4		3/4 & 7/8	1 1/16 & 1 1/8	12	4.60
1085B	3/4	7/8 & 1	7/8	1 1/8 & 1 1/4	12	4.60

Williams' Drop Forged Steel Wrenches

Construction Wrenches
15° Angle



Redesigned and lengthened. Jaws are long and narrow, providing full bearing on square nuts.

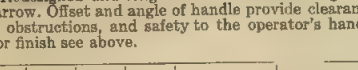
The long handle is round for the greater part of its length, with tapered end for easy insertion into bolt holes. When bringing these into line, the handle enters such holes nearly to its flat portion; only enough of the head-end projects for proper leverage.

Unhardened are milled only.

Hardened are milled, hardened all over; heads not ground.

No.	For U. S. Standard Nut; Size Bolt	Opening Milled	Extreme Length	Thickness Head	PRICE Unhardened	PRICE Hardened
201	¼	½	8	⅜	$0.56	$0.70
202	⅜	⅝	8	⅜	.56	.70
203	½	¹¹⁄₁₆	12	½	.70	.90
204	⅝	¹³⁄₁₆	12	⅝	.70	.90
205	¾	⅞	14½	¹⁷⁄₃₂	.90	1.16
206	⅞	¹⁵⁄₁₆	14½	¹⁹⁄₃₂	.90	1.16
207	1	1 ⅛	17	⅝	1.24	1.60
208	1¼	1 ¼	19	¹¹⁄₁₆	1.72	2.20
209	1⅜	1 ⅜	21	¾	2.35	3.00
210	1½	1 ½	23	²⁵⁄₃₂	3.26	4.20
211	1¾	1 ⅞	25	¹⁵⁄₁₆	4.46	6.00
212	1¾	2	25	¹⁵⁄₁₆	4.46	6.00

Structural Wrenches
Straight Opening



Redesigned and lengthened. Jaws are long and narrow. Offset and angle of handle provide clearance of obstructions, and safety to the operator's hands. For finish see above.

No.	For U.S. Std. Nut, Size Bolt	Opening	Extreme Length	Handle Offset At Head	Handle Offset At End	Price Unhardened	Price Hardened
901	¼	¹¹⁄₁₆	9½	⅝	1 ³⁄₃₂	$0.66	$0.80
902	⅜	⅝	9½	⅝	1 ³⁄₃₂	.66	.80
903	½	¹³⁄₁₆	12	⅝	1 ¹⁵⁄₁₆	.80	1.04
904	⅝	¹⁵⁄₁₆	12	¾	1 ¹⁵⁄₁₆	.80	1.04
905	½	¹⁵⁄₁₆	14½	⅞	1 ¹³⁄₁₆	1.04	1.40
906	⅝	1	14½	⅞	1 ¹³⁄₁₆	1.04	1.40
907	¾	1 ⅛	17	1	2 ³⁄₁₆	1.43	1.96
908	⅞	1 ¹⁵⁄₁₆	19	1 ⅛	2 ¾	2.04	2.65
909	⅞	1 ⅛	21	1 ¼	3 ⅛	2.80	3.60
910	1	1 ¹⁵⁄₁₆	23	1 ⅜	3 ⅜	3.86	5.00
910A	1¼	1 ⅛	23	1 ⅜	3 ⅜	3.86	5.00
911	1⅜	1 ⅜	25	1 ⅝	3 ¹⁵⁄₁₆	6.00	7.50
912	1½	2 ⅛	25	1 ⅝	3 ¹⁵⁄₁₆	6.00	7.50

Car Wrenches
22½° Angle, Double Head
Long Leverage

Unhardened are broached or milled only.

Hardened are broached or milled, hardened all over; heads not ground.

*Furnished from stock till supply is exhausted; thereafter only on special order.

No.	For U. S. Standard Nuts; Size Bolts	Openings	Extreme Length	Thickness Heads	PRICE Unhardened	PRICE Hardened
367	⅜ & ½	³³⁄₆₄ & ³⁹⁄₆₄	12	⅜ & 7⁄16	$1.10	$1.50
370	½ & ¾	¹⁵⁄₁₆ & 1 ½	19	½ & ⅝	1.90	2.50
371	½ & ¾	¹³⁄₁₆ & 1 ⅜	20	½ & ½	2.30	3.10
373	⅝ & ¾	1 ⅛ & 1 ⅜	20	½ & ½	2.30	3.10
*374	⅝ & ⅞	1 ⅛ & 1 ½	21	⅝ & ⅝	2.70	3 70
376	¾ & ⅞	1 ⅜ & 1 ½	21	⅝ & ⅝	2.70	3.70
*377	⅞ & 1	1 ½ & 1 ¹⁵⁄₁₆	22	⅝ & ⅝	3.30	4.50
379	⅞ & 1	1 ½ & 1 ¹⁵⁄₁₆	22	⅝ & ⅝	3.30	4.50
*380	⅞ & 1 ⅛	1 ½ & 1 ¾	23	¾ & ¾	3.90	5.30
382	1 & 1 ⅛	1 ¹⁵⁄₁₆ & 1 ⅝	23	¾ & ¾	3.90	5.30
383	1 & 1¼	1 ¹⁵⁄₁₆ & 2 ⅛	24	⅞ & ⅞	4.50	6.30
385	1 ⅛ & 1¼	1 ⅝ & 2 ⅛	24	⅞ & ⅞	4.50	6.30
*387	1 ⅛ & 1 ⅛	1 ⅞ & 2 ⅛	25	⅞ & ⅞	6.80	9.00
389	1 ⅛ & 1 ⅛	2 ⅛ & 2 ⅛	25	⅞ & ⅞	6.80	9.00

Adjustable Hook Spanners

P'atented in U. S. A.

This Spanner is a combination of strength and ready adjustment and each tool provides for service upon a number of dimensions.

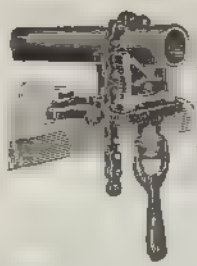
They are drop-forged from a strong, tough grade of carefully selected steel.

Finished have surface and edges smoothed and are black enameled (baked on); the jaws are hardened and tempered.

No.	Capacity for Circles Diameter	Extreme Length, Approx.	Thickness Handle	Thickness Hook	Depth Hook	PRICE Finished
471	⅝ to 2	6¾	⅝	⅝	¼	$1.75
472	1¼ to 3	8½	⅝	⅝	⅜	2.00
474	2 to 4¾	11⅝	⅞	⅞	⅜	2.75

PIPE VISES

VULCAN



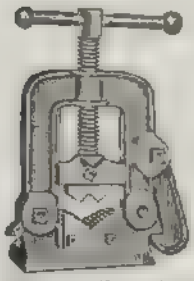
Wrought steel base plate and adjusting handle, natural finish. Polished steel screw; drop forged steel jaws, tempered for re-filling. Steel link, hand made chain, fits inside of base plate and is adjustable. For use on either bench or post.

Each

No. 1—For ⅛ to 2 in. pipe. Has extended tooth, prevents bending of small size pipes, tubes and bars. Size when folded 4x5x6 ins; wt each 4 lbs $10 50

No. 2—For ¼ to 4 in. pipe. Size when folded 6x8x8 ins; wt each about 5 lbs 22 50

One in box.



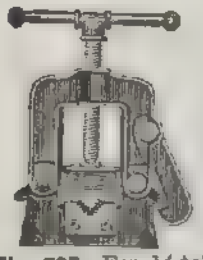
SELF-LOCKING

Malleable iron frame and base, black japanned finish; 5½ inch natural finish steel sliding handle; polished steel screw. The jaws are properly designed and made from special vise jaw steel hardened and tempered. Hinged joint on one side to open vise. Screw holes in base for fastening to bench.

Each

No. 00—For ⅛ to 1¼ in pipe; height overall 7 ins; base 4x3¼ ins $4 80

Packed loose; wt each 3¼ lbs.



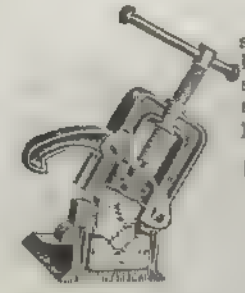
Self Locking.

Malleable iron frame and base, japanned; 10 inch natural finish steel sliding handle; polished steel screw. Jaws milled from solid tool steel bar, hardened and tempered in oil; two stationary lower jaws and one movable upper jaw fastened with two steel bolts in each jaw. Hinged joint and self locking; holds pipe rigid when closed and set; having lugs on both uprights, permits latch being used on either side.

Each

No. 72P—For ⅛ to 3½ in. pipe; height over all 13 ins; size base 8x6 ins $14 25

Packed loose; wt each 15 lbs.



Malleable iron, japanned. Polished steel sliding handle and screw; cut and hardened steel jaws. Holes in base to screw to bench; hinged joint on one side to open vise; self locking, holds pipe rigid when closed and set.

Each

No. 70P—For ⅛ to 2 in. pipe. Height over all 11 ins; size of base 5x4½ ins $6 75

Packed loose; wt each about 7 lbs.

Nos.	71P	73P	64P
For pipe, ins	⅛ to 2½	⅛ to 4½	⅛ to 6
Height over all, ins	12¾	17½	21
Size base, ins	6x4½	8¼x6	10½x8½
Wt each, lbs	10	26	52
Each	$9 75	21 75	45 00

Packed loose.

VISE STANDS

HANDY-ANDY

One piece strong malleable iron casting top, leg braces, pipe rest, bending block and leg attachments; slotted openings in top will accomodate all makes of hinged and chain pipe vises without drilling; bolts, nuts and washers are furnished to fasten vise. Bending block is arranged to bend up to and including ¾ inch pipe. Openings for holding stocks and wrenches are provided.

Legs are of 1⅝ rail steel tubing, on the ends of which malleable iron fittings and feet are securely riveted, malleable feet have short spurs to prevent sliding, also holes to permanently fasten to floor.

Each

No. 2—Height 36 ins $45 00

Wt each 32 lbs.

COMBINATION VISES

DIAMOND, Anvil and Vise.

Cast iron body, painted green blued steel handle and screw. Hardened iron polished faced jaws, small jaw can be set at any position.

Each

No. 850—Size jaws 4x1⅝ ins; face of anvil 4x7 ins; jaws open 12 ins; holds pipe up to 2 ins; length over all 17 ins $16 60

One in wood box; wt each about 44 lbs.

FARMERS

Anvil, Vise and Pipe Holder.

Cast iron, japanned; steel screw and sliding lever handle, chill hardened jaws, polished. Pipe holding jaws. For mechanics, farmers, household use, etc.

Each

No. 83—Width jaws 3 ins; jaws open 6 ins; holds ¼ to 2 in. pipe; hardened anvil face 8x3 ins; length over all 16 ins $6 75

One in box; wt about 28 lbs.

BORAX

Concentrated; for forge use and welding purposes.

		Per 100 Lbs
Lump	5 lb boxes	$29 25
	100 lb bags	26 25

WELDING COMPOUND

E-Z—For iron, malleable iron and all grades of steel.

	Per Lb
5 lb boxes	$0 33
10 lb boxes	33
25 lb boxes	30

Climax—An excellent compound for all grades of steel.

	Per 100 Lbs
5 lb boxes	$35 00
10 lb boxes	36 00
Bulk	30 00

ANVILS

—BELKNAP'S WROUGHT—

Belknap's wrought anvils are made from American wrought iron, welded at the waist, making a solid forging to which is welded a solid plate of highest quality crucible steel making a perfect weld.

GUARANTEE—Should a Belknap's Wrought Anvil break at the waist or its steel face become loose within one year from date of purchase it will be replaced without charge.

CAUTION—Tempered in a manner to suit the majority of smiths. No claim for defective temper will be allowed. To remedy trouble caused by the unfair advantage taken of the liberal guarantee heretofore made by manufacturers of wrought anvils, they have decided to qualify the guarantee as above, and all anvils are now sold with no guarantee other than as above.

Shoer's.

Made especially for us under our own brand. They are warranted equal to the very best English wrought anvils.

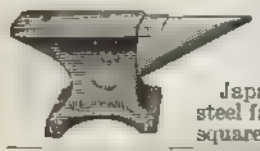
No.	100 Lbs.	Wt. lbs	Face, ins.	Horn, ins.	Hardy, ins.	Pritchel, ins.
1150	$64 50	150	3¾x16½	12	⅞	9/16

Hardy holes indicate size tool hole will take.
Above dimensions are approximate only.

Blacksmiths'.

Made especially for us under our own brand. They are warranted equal to the very best English wrought anvils.

Nos	Per 100 Lbs	Wt each, lbs	Face, ins	Horn, ins	Hardy, ins	Pritchel ins
70	$57 00	70 to 79	3⅛x12½	7½	¾	7/16
80	55 50	80 to 89	8½x13	8½	⅞	7/16
90	55 50	90 to 99	8½x13½	9	⅞	7/16
100	55 50	100 to 109	8¾x14	9	¾	9/16
110	55 50	110 to 119	3¼x14½	9	1	9/16
120	55 50	120 to 129	8¾x15	10	1	9/16
130	55 50	130 to 139	4x15½	10	1 1/16	9/16
140	55 50	140 to 149	4x16	10	1 1/16	9/16
150	55 50	150 to 159	4x16½	10⅝	1 1/16	9/16
170	55 50	170	4¼x17	10½	1⅛	11/16
180	55 50	180	4¼x17½	11	1⅛	11/16
200	55 50	200	4½x18	11½	1⅛	11/16
225	55 50	225	4¾x19	11½	1⅛	11/16
250	55 50	250	5x20	12½	1¼	11/16



VULCAN
Blacksmith's.

Solid cast iron body and horn. Japanned finish, hardened and tempered steel face welded on flat ground and polished square, hardy hole.

Nos.	Each	Wt lbs	Face ins	Horn, ins	Hardy ins	Pritchel ins
51	$18 00	50	3x8½	6	⅝	7/16
61	20 25	60	3¼x10⅝	7¼	⅝	7/16
71	22 50	70	3¼x11	7⅛	¾	7/16
81	24 75	80	3¼x11 1/16	7⅝	¾	7/16
91	27 75	90	3½x12	7⅞	⅞	½
101	30 75	100	3½x12½	7⅞	⅞	½
121	36 00	120	3¾x12 1/16	7¾	1	9/16

All of above packed loose.

ANVILS

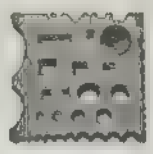
GEM

Per 100 Lbs

No. 105—Cast iron, oiled, wt from 100 to 105 lbs; size face 3¾x11¾ ins; length horn 7 ins; 15/16 in. hardy hole; ⅝ in. pritchel hole $20 25

Packed loose.

SWAGE BLOCKS



Solid cast iron, rough finish with various shaped serrations on edges and perforations.

Per 100 Lbs

No. 2—Size 10½ ins square, 4 ins thick; wt each 83 lbs $21 75

No. 3—Size 14 ins square, 5 ins thick; wt each 170 lbs 21 75

ANVIL TOOLS

TOP SWAGES

Round shoulder, oval eye.
Cast steel, oil finish, hardened polished bits.

Nos.	Each	For Round Iron, ins	Lgth ins	Wt lbs
3-⅜	$2 85	⅜	4¼	2
3-½	2 85	½	4¼	2
3-⅝	2 85	⅝	4⅜	2
3-¾	2 85	¾	4½	2¼
3-⅞	3 30	⅞	4½	2¾
3-1	3 30	1	4½	2¾
3-1¼	3 75	1¼	4¾	3
3-1½	4 20	1½	5	4

Packed loose.

BOTTOM SWAGES

Square shoulder and shank.
Cast steel, oil finish, hardened polished bits.

Nos.	Each	For Round Iron, ins	Lgth ins	Wt lbs
4-¼	$2 85	¼	3½	2
4-⅜	2 85	⅜	3½	2
4-½	2 85	½	3½	2
4-⅝	2 85	⅝	3½	2
4-¾	2 85	¾	3½	2½
4-⅞	3 30	⅞	3½	2¾
4-1	3 30	1	3¾	2¾
4-1¼	3 75	1¼	3¾	3¾
4-1½	4 20	1½	3¾	4

Packed loose.

TOP FULLERS

Round shoulder, oval eye.
Cast steel, oil finish, hardened polished bits.

Nos.	Each	For Iron, ins	Lgth ins	Wt lbs.
5-⅜	$2 85	⅜	5	2
5-½	2 85	½	5	2¼
5-⅝	2 85	⅝	5	2½
5-¾	2 85	¾	5¼	2½
5-⅞	3 30	⅞	5½	3
5-1	3 30	1	5½	3

Packed loose.

BOTTOM FULLERS

Square shoulder, 1 inch square shank.
Cast steel, oil finish, hardened polished bits.

Nos.	Each	For Iron, in	Lgth ins	Wt lbs
6-⅜	$2 85	⅜	5½	2½
6-½	2 85	½	5½	2½
6-⅝	2 85	⅝	5½	2¾
6-¾	2 85	¾	5½	2⅞
6-⅞	3 30	⅞	5	2⅞
6-1	3 30	1	5	3

Packed loose.

ANVIL TOOLS

HARDIES

Square shank.

Cast steel, oil finish, hardened polished bits.

Nos.	Each	Size Shank, ins	Lgth Bit ins	Lgth over all, ins	Wt Each lbs
1- ⅛	$1 35	½	1½	4	[illegible]
1- ¼	1 50	⅝	1½	5	3¼
1- ⅜	1 65	¾	1¾	5	3⅞
1- ½	1 80	⅞	2	5½	4¼
1-1	2 25	1	2	5½	4⅞
1-1⅛	2 70	1⅛	2¼	6	5
1-1¼	2 85	1¼	2½	6	5½

Packed loose

FLATTER

Square face, oval eye.

Cast steel, oil finish, hardened polished bits.

Nos.	Each	Size Face, ins	Lgth ins	Wt each, lbs
2-2	$3 00	2	4	2
2-2½	4 20	2½	4½	2½
2-3	5 25	3	5	4¼
2-3½	7 05	3½	5¾	6¾

Packed loose

SET HAMMERS

Square face and head; oval eye.

Cast steel, oil finish, hardened polished bits.

Nos.	7-1¼	7-1½	7-1¾
Size face, ins	1¼	1½	1¾
Length, ins	4½	5	5½
Wt each, lbs	1½	3	3½
Each	$2 70	3 30	4 20

Packed loose.

HOT CHISELS

Cast steel, oil finish, hardened polished bits.

Nos.	9-1¼	9-1½
Width bit, ins	1¼	1½
Length, ins	6½	7¼
Wt each, lbs	2	3
Each	$2 25	3 00

Packed loose.

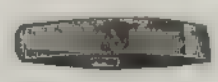
ROUND PUNCHES

Cast steel, oil finish, hardened polished bits.

Nos.	8-¼	8-⅜	8-½	8-⅝	8-¾
Diam point, ins	¼	⅜	½	⅝	¾
Length, ins	6¾	7	7	7½	7½
Wt each, lbs	1¾	1¾	2	2	2
Each	$2 25	2 25	2 25	2 66	2 85

Packed loose.

COLD CHISELS



Cast steel, oil finish, hardened polished bits.

Nos.	10-1¼	10-1½
Width bit, ins	1¼	1½
Length, ins	5¾	6
Wt each, lbs	2	3
Each	$2 25	3 00

Packed loose

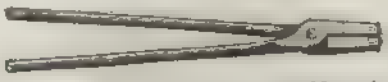
PRITCHELS—Horseshoers; octagon steel, oil finish. Cast steel, oil finish, hardened polished bits. Per Doz

No. 1420—⅝ in; length 10 ins; wt per doz 10 lbs. $14 40

One doz in cardboard box.

TONGS

BLACKSMITHS'



Common or Straight Lip. Wrought steel, drop forged, oil finish.

Nos.	90	91	92	93
Length, ins	18	20	22	24
Wt per doz, lbs	32	35½	36½	39
Per Doz	$25 50	26 25	27 75	30 00

Packed loose.

Curved Lip. Wrought steel, drop forged, oil finish.

Nos.	30	31	32
Length, ins	18	20	22
Wt per doz, lbs	30	32½	35½
Holds round iron, ins	¼ to 5/16	5/16 to ½	½ to ¾
Per Doz	$30 00	31 50	34 50

Packed loose

Single Pick-up. Wrought steel, drop forged, oil finish.

Per Doz

No. 9—Length 20 ins $36 00

Packed loose; wt per doz 34 lbs.

Double Pick-up. Wrought steel, drop forged, oil finish.

Per Doz

No. 20—Length 22 ins. $36 00

Packed loose; wt per doz 35½ lbs

HORSESHOERS'

Solid steel, iron finish.

Per Doz

No. 0—Length 12 ins; wt each 1¼ lbs . . $24 00

No. 00—Length 14 ins; wt each 1½ lbs. . . 24 00

Packed loose

HELLER BROS.

Clinching. Crucible cast steel. Polished toothed jaws.

Per Doz

No. 28—Length 14 ins; length jaws 2¼ and 2⅝ ins. . . . $77 25

Half doz in cardboard box; wt per doz 24 lbs.

BLACKSMITHS PINCERS'

—PINE KNOT—

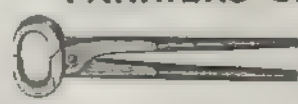
Forged crucible steel. Oil tempered jaws, polished face, natural finish handles, heavy steel rivets.

Nos.	4910	4912	4914
Length, ins	10	12	14
Wt per doz, lbs	19	23	25
Per Doz.	$24 00	25 50	28 50

Half doz in cardboard box.

FARRIERS' SHOEING PINCERS

CHAMPION



Solid hammered cast steel; steel riveted; oil finish; tempered polished jaws.

Nos.	13	14
Length, ins	13	14
Wt per doz, lbs	28	30
Per Doz	$53 25	60 00

Half doz in cardboard box.

HELLER BROS.

Solid cast steel, steel rivet; tempered, full polished jaws.

Nos.	21	20
Length, ins	12	14
Wt per doz, lbs	23	32
Per Doz.	$50 25	67 50

Half doz in cardboard box

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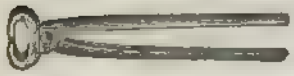
FARRIERS' CUTTING NIPPERS

"Also on Page 198"

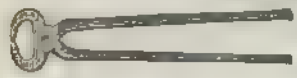


—PINE KNOT—

Solid steel, oil finish. Tempered polished jaws; steel rivet.

Nos.	40	42	44
Length, ins	10	12	14
Wt per doz, lbs	14	17	24
Per Doz	$27 00	28 50	33 00

Half doz in cardboard box.



HELLER BROS.

Crucible cast steel, full polished; tempered jaws; heavy steel rivet.

Nos.	24B	24A	24
Length, ins	10	12	14
Wt per doz, lbs	12	20	30
Per Doz	$53 25	66 75	80 25

Half doz in cardboard box.

HOOF PARERS

—PINE KNOT—

Crucible cast steel, tempered; black finish handles; polished jaws; heavy steel rivet.

Nos.	5012	5014
Length, ins	12	14
Wt per doz, lbs	20	29
Per Doz	$40 50	46 50

Half doz in cardboard box.

HELLER BROS.

Crucible cast steel, tempered; full polished.

Nos.	23A	23
Length, ins	12	14
Wt per doz, lbs	20	29
Per Doz	$66 75	80 25

Half doz in cardboard box.

FARRIERS' KNIVES

—JOHN PRIMBLE—

Crucible cast steel blade, uniformly tempered and polished; 3½ inches long, sharpened ready for use; 4 inch white bone handle.

Nos.	50-⅝	50-¾
Width blade, ins	⅝	¾
Per Doz	$29 25	29 25

Half doz in pkg; wt 2½ lbs.

WOSTENHOLM'S I. X. L.

Bone Handle.

Crucible steel blade, highly tempered, glazed finish, 3½ inches long; solid bone handle, 4 inches long.

Nos.	7834-⅝	7834-¾
Width blade, ins	⅝	¾
Per Doz	$31 50	31 50

One doz in pkg; wt per doz 2½ lbs.

POPE'S

Detachable blade, crucible steel, highly tempered glazed finish, 3½ inches long, japanned iron pierced handle; 4 inches long.

Nos.	1-⅝	1-¾	1-⅞
Width blade, ins	⅝	¾	⅞
Per Doz	$20 25	20 25	20 25

Half doz in cardboard box; wt doz 4½ lbs.

FARRIERS' KNIVES

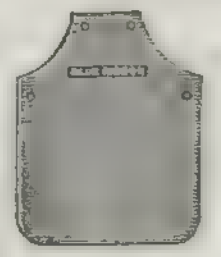
POPE'S FARRIERS' KNIFE BLADES

Crucible steel, highly tempered, glazed finish; 8½ inch cutting edge. For Pope knives.

Nos.	1B-½	1B-⅝	1B-¾
Width, ins	½	⅝	¾
Per Doz	$15 75	15 75	15 75

Three doz in cardboard box; wt per doz about 1 lb.

BLACKSMITH'S APRONS



—BLUE RIBBON—

Per Doz

No. 48—Split leather body, with brass eyelets 34 in. leather strings; size 26x34 ins $105 00

One doz in bdle; wt per doz 18 lbs.

—CYCLONE—

Per Doz

No. 49—Split leather, 26 in. strings; brass eyelets size 24x30 ins $93 00

One doz in bdle; wt per doz 21 lbs.

FORGES

LANCASTER

Pressed steel wind shield; cast iron hearth; four bent tubular steel legs; encased fan and gearing.

With Shield.

Each

No. 45 — Agricultural Forge. Hearth 22 ins in diam; diam fan case 10 ins; diam fan wings 8⅛ ins; height to top of hearth 31½ ins; wt each 123 lbs $48 75

One in crate

LANCASTER

With Half Hood.

Each

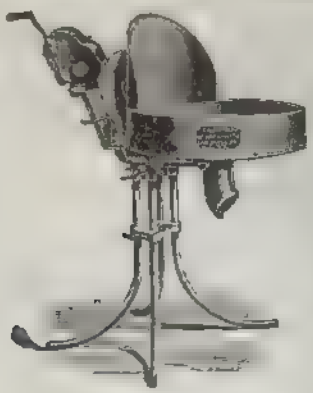
No. 43—Agricultural Forge. Hearth 23x35 ins; diam fan case 12 ins; diam fan wings 9¾ ins; height to of hearth 30 ins; wt each 181 lbs $73 50

One in crate.

FORGES

CHAMPION

Heavy Pattern. With Shield.



Pressed steel hearth and wind shield; encased fan and gearing four bent tubular steel legs.

High speed Champion spiral gearing, adjustable ball-bearings. Welds 3½ to 4 inch iron. Crank turns either direction.

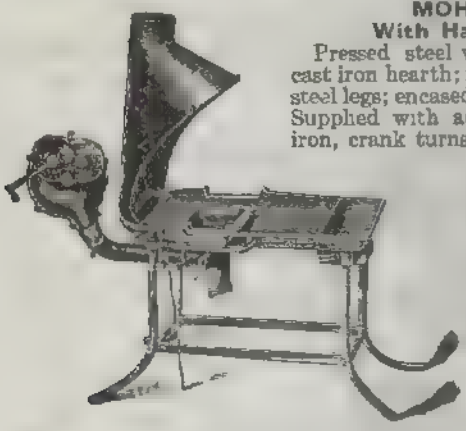
Each

No. 401—Champion Steel Rivet Forge. Hearth 18 ins; height to top of hearth 30 ins, fan 9 ins. ... $78 00

One in crate; wt 125 lbs.

MOHAWK

With Half Hood.



Pressed steel windshield hood; cast iron hearth; four bent tubular steel legs; encased fan and gearing. Supplied with adjustable tuyere iron, crank turns either direction.

Blacksmith's Direct Drive Forge. Hearth 32x45 ins.; fan case 12 inches in diameter, fan wings 9¾ inches in diameter; height to top of hearth 30 ins.

Each

No. 271 ... $82 50

One in crate; wt each 320 lbs.

CHAMPION

With Half Hood.

Note—Hearth should be well clayed before using.

Cast iron hearth; sheet steel hood. Equipped with helical cut gears encased in oil tight, dust-proof, rigid cast iron gear case. The gear ratio gives 48 revolutions of fan to one turn of crank, giving a strong high pressure blast; bent tubular steel legs braced and securely bolted to hearth. Designed for general use and large enough for plow share work. Burns coal, coke or charcoal. Requires 5½ inch stove pipe for indoor use.

Each

No. 243—Hearth 20x36 ins; height 30 ins; diam fan case 9 ins; diam fan wings 8 ins. ... $43 50

Crated; shipping wt each 108 lbs.

With Shield.

Each

No. 147—Hearth 22 ins; height 30 ins; diam fan case 8 ins, diam fan wings 6 ins ... $24 75

Crated; wt each 84 lbs.

FORGES

CHAMPION

Pressed steel hearth. Cut helical gears running smooth and noiseless in a dust-proof, oil tight gear case; bent tubular steel legs braced and securely bolted to hearth with a heavy steel leg socket. Designed for light and medium work on farms and in garages. Fan revolves 48 times to one turn of crank. Burns coal, coke or charcoal.

Note—Hearth should be well clayed before using.

With Shield.

Each

No. 145S—Diameter hearth 18 ins; height 30 ins; diam fan case 8 ins; diam fan wings 6 ins; ratio 48 to 1 ... $17 25

Crated; shipping wt each 53 lbs.

CHAMPION

With Half Hood.

Note—Hearth should be well clayed before using.

Each

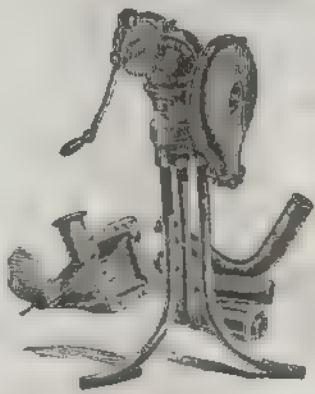
No. 146S—Diameter hearth 18 ins; height 30 ins; diam fan case 8 ins; diam fan wings 6 ins; ratio 48 to 1 ... $19 50

Crated; shipping wt each 52 lbs.

BLOWERS

CHAMPION

Ball-Bearing.



Adjustable fan casing; counter balanced fan crank. Phosphor bronze and tool steel. Adjustable tool steel ball-bearings. Lathe turned cups and cones. Highspeed spiral gearing.

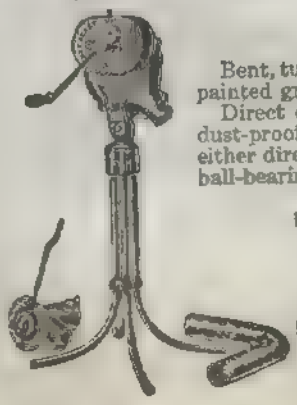
Each

No. 400—Height over all 46 ins; 12 in. fan case; diam fan wings 9⅛ ins; complete with heavy nest whirlwind tuyere iron and piping ... $69 75

No. 400LT—Same as No. 400, except less tuyere ... 66 75

One in crate; wt 156 lbs.

"HOT BLAST"



Bent, tubular steel legs, cast iron gear case, painted green.

Direct drive, cut gears are enclosed in a dust-proof, self-oiling case. Crank turns either direction. Case hardened end thrust ball-bearing, high speed spindle.

Each

No. 60—Height over all 46 ins; diam of fan case 12 ins; diam fan wings 9¾ ins; complete with tuyere iron and pipe ... $35 70

No. 60LT—Same as No. 60, except less tuyere ... 32 70

One in crate; wt each 98 lbs.

BLOWERS

—MOHAWK—

Cast iron base and standard, adjustable fan casing; counter balanced fan crank; height over all 46 inches; diameter base 17 inches. Champion adjustable nozzle tuyere iron.

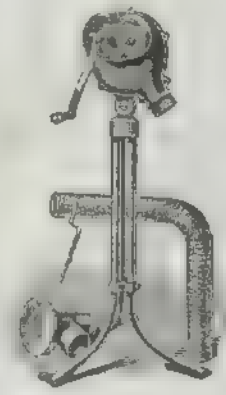
Case hardened end thrust ball bearing; high speed spindle. Each

No. 40—12 in fan case; diam fan wings 9¾ ins; with tuyere iron and piping complete $42 00

No. 40LT—Same as No. 40, except less tuyere 39 00

One in crate; wt 125 lbs

"HOT BLAST"



High speed helical gears give 48 revolutions of blast wheel to one of crank. The gear is enclosed in a dust proof, oil tight gear case. Crank turns either direction.

Each

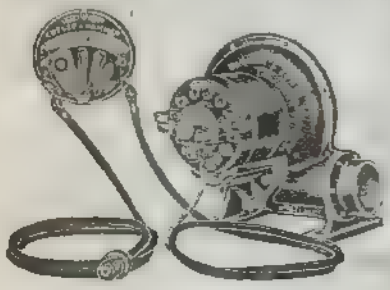
No. 340—Diam fan case 10 ins; diam fan wings 8⅞ ins; mounted on three steel legs, with tuyere iron and pipe complete $25 50

No. 340LT—Same as No. 340, except less tuyere .. 24 00

Crated; wt each 57 lbs.

CHAMPION, ELECTRIC

Blower furnished with Universal motor, wound for both alternating and direct current, either 110 or 220 volts, with detached rheostat; six speeds. Universal motor built with a hammered steel shaft, phosphor bronze bearings, self-aligning commutator of hard drawn copper with twenty four bars and large flat brushes and silk covered wire. All motors designed and built with sufficient units of power guaranteed to run blower at highest speed and highest pressure open and away from the fire for eight to ten hours without a stop.



For both direct and alternating current, with detached rheostat for six speeds, and steel pressure case. Height over all, 12 inches; floor space occupied; 12x13 inches; diameter of outlet 3 inches. Each

No. 50-110—110 volts, ⅓₆ H. P. $98 25

No. 50-220—220 volts, ⅓₆ H. P.. 98 25

One in crate; wt each 55 lbs.

BELLOWS

MOULDERS'

Single fold, hardwood outside boards, rough leather sides or folds; handle extension and leather loop for fastening; faced with leather strips and studded with tacks.

Nos.	8	10	12
Width, ins	8	10	12
Length, ins	11	15	17
Width closed, ins	1⅜	1¾	2
Wt per doz, lbs	30	40	50
Per Doz	55 50	72 00	90 00
	$16 00	*20 00*	*26 00*

Packed loose.

TUYERE IRONS

Cast iron, natural finish, bolted together.

DUCK NESTS

Per Doz

No. 5D—Single; round head, diam 7¼ ins; diam of hole 3½ ins; length over all 11 ins $33 75

Packed loose; wt each 12 lbs.

DUCK NESTS

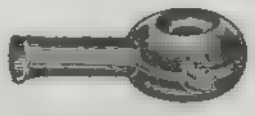
Per Doz

No. 6D—Single; round head, diam 7¼ ins; diam hole 3½ ins; length over all 13½ ins $39 00

Packed loose; wt each 16 lbs.

DUCK NESTS

Per Doz



No. 7D—Double; round head, diam 7½ ins; diam hole 3½ ins; length over all 14 ins .. $46 50

Packed loose; wt each 18 lbs.

SUTTON'S BOWL

Each

No. 60—Best Dunbar pig metal, dipped in asphaltum, cast in one piece, bowl 11½x14 ins $16 50

Packed loose; wt each 48 lbs.

NORTON'S

Cast iron, natural finish, bolted together.

Ball Valve, either right or left.

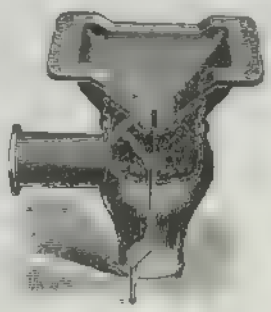
Each

No. 13—Round top; diam 6 ins; 3¼ in. hole; length of neck 6 ins; length of rods 26 ins $7 20

Packed loose; wt each 20 lbs.

CHAMPION "WHIRLWIND"

Anti-Clinker.



Heavy cast iron, japanned finish. Concentrates the blast and heat in the tuyere nest, making hotter fire.

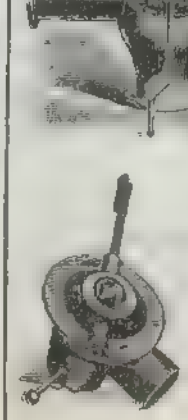
This is the same Tuyere Iron as furnished with No. 400 Champion Blower. Each

No. 400—Depth 5 ins; width 8¾ ins; length 10½ ins; over all 12¾x14¾ ins $26 25

Packed loose; wt each 54 lbs.

CHAMPION

Patent Adjustable Nozzle.



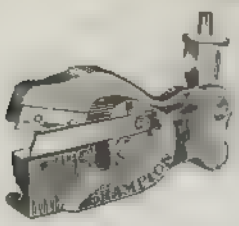
Cast iron, painted red. This is the same Tuyere Iron as furnished with Nos. 40 and 60 Blowers.

Each

No. PA—Diam head 8 ins; 3 in. hole; length of neck 3 ins; length over all 11½ ins $13 50

Packed loose; wt each 17 lbs.

STEEL SHEARS



CHAMPION

Will cut ¾ inch round and 3x ⅜ inch flat steel.

Each

No. 1C—Length 24 ins; height 10 ins..... $72 00

Crated; wt each 150 lbs.

TIRE SHRINKERS

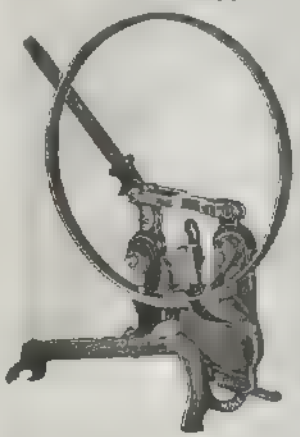
AMERICAN

Hammered tool steel jaws, hardened machine cut teeth. The jaws are worked by a mechanical lever and are thrown in and out instantly by a movement of the hand, which makes a shrinker that can be handled by one man. The tire is gripped on its flat sides, both top and bottom, and the tire is held with a perfect grip until it is shrunk. Will shrink with one stroke of lever 1¼ inches.

Each

No. 4—Will shrink up to 4x1 in. round or square edge tire, and 1¼ in. axles, has two steel jaws 4x2 ins wide, lgth base 28 ins; wth. 16 ins; wt each 342 lbs. $118 50

Shipped knocked down.



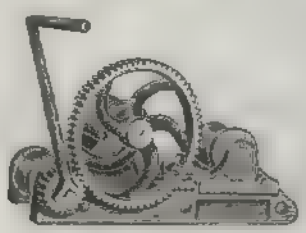
MOLES

With Anti-Kink Attachment.

Painted cast iron frame and bed; cast jaws; plain hardwood handle. The pin holes in the link connecting the jaws are so placed that the pin may be moved into different holes for different thickness of tire.

Nos.	12MK	13MK
For tires up to, ins	½x3	¾x4
Length of base, ins	42	43
Width of base, ins.	24	24
Wt each, lbs.	[illegible]	[illegible]
Each	$60 00	69 00

Packed loose.



WESTERN

Japanned cast iron frame and gear wheels, wrought iron crank, turned steel rollers and axles; will bend 3¼ inch tires or smaller to a circle 30 inch in diameter or larger.

Each

No. 2—Geared; length of base 25½ ins; width 6¼ ins; height 12 ins $36 00

Packed loose; wt each 85 lbs.

TIRE MEASURING WHEELS

Forged steel wheel, natural finish, polished steel index hand, japanned malleable iron handle and fork; raised figures and lines.

Each

No. 24—Wheel 24 ins in circumference, graduated in ins and eighths..... $6 00

One in box; wt per doz about 15 lbs.

BENCH DRILLS

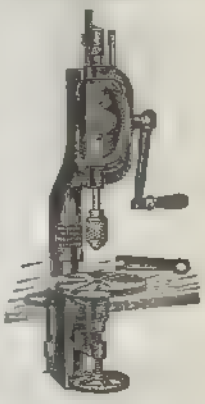
YANKEE

Cast iron frame, black finish; steel chuck, nickel plated and polished; machine cut gears and bearings; steel table post, feed screw and axle; automatic and friction feeds; adjustable table. Slide at lower end of column carries an adjustable bracket for table. Table can be adjusted vertically by hand wheel and screw, independently of bracket. Furnished with wrench for nut holding table bracket.

Single Speed. Each

No. 1003—For round shank drills up to ¼ in. in diam; diam of shank 1 in; diam of table 4¾ ins; adjustment of table 1¼ ins; diam of hand wheel 3 ins; height over all 18¾ ins..... $34 50

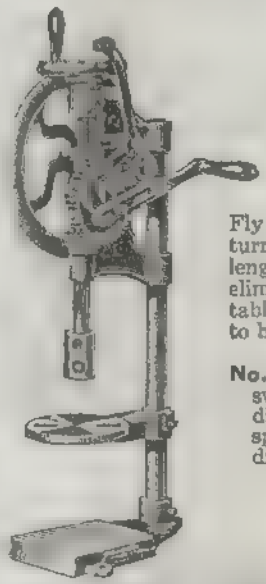
One in wood box; wt each 20 lbs.



Double Speed. Each

No. 1005—For round shank drills up to ½ in. in diam; diam of shank 1⅜ ins; diam of table 6¾ ins; adjustment of table 1¾ ins; diam of hand wheel 4½ ins; height over all 28 ins $57 00

One in wood box; wt each 51 lbs.



CHAMPION

Automatic Feed.

Feeds four speeds for work from smallest up to ¾ inch iron or steel. Fly wheel makes two revolutions to each turn of crank. Handle adjustable for length. Ball-bearing spindle end thrust eliminates friction; slotted lathe turned table. Greatest distance from spindle to base 11¼ inches.

Each

No. 104—Height over all 32 ins; swings to center of 12 in. circle; diam back column 1⅝ ins; diam spindle ⅜ in.; takes ½ in. shank drill bits..... $30 00

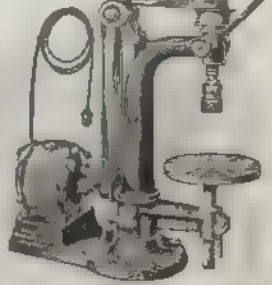
Crated; ship wt each 72 lbs.

CHAMPION, ELECTRIC

Cast iron frame, black finish; three jaw steel chuck, nickel plated and polished.

Equipped with ¼ H. P. motor at 1750 R. P. M. driving a two step cone pulley, giving two speeds of the spindle and is of ample size to drill holes up to the full capacity of drill.

Complete with attachment cord and belt.



Each

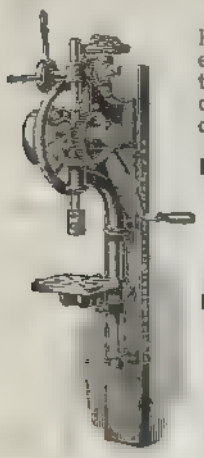
No. 50E-110—Operates on 110 volts A. C.; height over all 26 ins; drills to center of 10½ in. circle; diam table 8 ins; greatest distance from spindle to table 7¾ ins; adjustable spindle stop; up and down movement of spindle 2⅛ ins; up and down movement of table 5 ins; drilling capacity ½ in..... $120 00

Crated; ship wt each 140 lbs.

POST DRILLS

CHAMPION

Cast iron frame and feed table; machine cut gears and bearings; steel table post, shaft, axles and chuck; adjustable table can be swung out of way; automatic self-feed; crank has forward motion on both the first and second speeds.



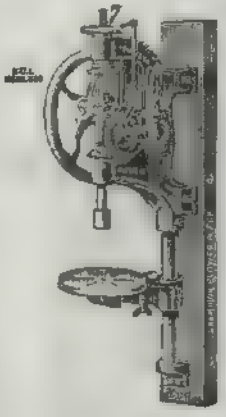
Ball-bearing. The propeller wheel hand-feed and self-feed are independent of each other. End thrust ball bearings; lathturned and slotted table: all bearings ground out of solid metal. Square table 8x9 ins.; drill bolted to hardwood board 46x6½ ins.

Each

No. 97—Diam fly-wheel 15 ins; drills holes up to 1¼ ins; and to center of 16½ in. circle; has 6½ in. up-and-down run; spindle 1⅛ ins in diam; never slip chuck takes ½ in. shank bits $69 00

No. 97P—Same as No. 97 except furnished with tight and loose pulleys, 6 ins. in diam and 2 in. face for power; speed 250 R. P. M; power required to operate ½ H. P. gasoline engine or electric motor. 79 50

One in crate; wt each 169 lbs.

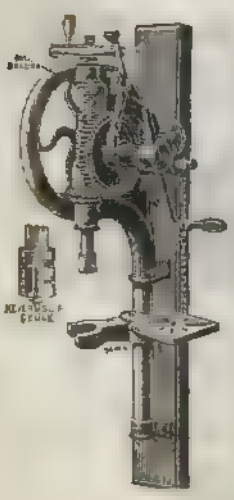


Ball-bearing; instantaneous adjustable lever-feed table, diameter 12 in.; drill bolted to hardwood board 46x6½ ins.

Each

No. 200—Diam fly-wheel 15 ins; drills holes up to 1¼ ins, and to center of 16 in. circle: has 4 in. up-and-down run; spindle 1¼ ins in diam; never slip chuck takes ½ in. shank bits $99 00

One in crate; wt each 196 lbs.



Ball-bearing; two speed with double journal bearings; entire drill swings to side with 18 inch sweep; square table size 8x9 in., drill bolted to hardwood board 53½ x 7½ ins.

Each

No. 4—Triple gear; diam fly-wheel 15 ins; drills holes up to 1½ ins, and to center of 18 in. circle; has 5 in. up-and down run; spindle 1¼ ins in diam; never slip chuck takes ½ in. shank bits $66 00

One in crate; wt each 198 lbs.

POST DRILLS

CHAMPION, BACK-GEARED

Self feed, 2 speed with crank turning in same direction on both speeds. High grade tool steel ball bearings. Self feed attachment can be set for fast or slow speed. Lathe turned slotted table can be raised or lowered, swung around or removed entirely. Spindle 1⅛ inches in diameter; up and down travel 4 inches; drills to center of 15 inch circle; capacity, holes from 0 to 1 inch; bored for ½ inch round shank drills. Each

No. 2—Hand power only; wt each 104 lbs $45 00

No. 2P—Hand and power drive, same as above, except with tight and loose pulleys, 6 ins. in diam; 2 in. face 250 R.P.M; wt each 115 lbs 52 50

Crated.

CHAMPION

Cast iron frame and feed table; machine cut gears; steel table post, shafts, axles, and chuck; adjustable table can be swung out of way; automatic self-feed.

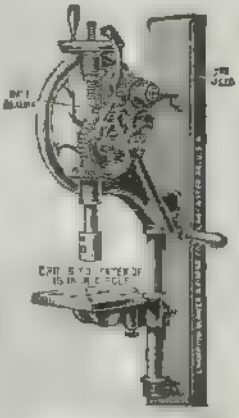
The cups and cones on Nos. 1900, 95 and 91 are both made from die steel.

Ball-bearing; full back gears with two speeds and forward motion on both the first and second speeds; square table, size 7x8 in; drill bolted to hardwood board, 46x6 inches.

Each

No. 95—Diam fly-wheel 14 ins; drills holes up to 1¼ ins, and to center of 15 in. circle; has 3 in. up-and-down run; never slip chuck takes ½ in. shank bits $47 25

One in crate; wt each 107 lbs.



Cast iron frame and feed table; machine cut gears; steel table post, shaft, axles and chuck; adjustable table can be swung out of way; automatic self-feed.

Ball-bearing; the bearings for the spindle are all ground from the solid metal; back gear with one speed. Round table, diameter 7¼ ins; drill bolted to hardwood board 40½x5½ ins. Each

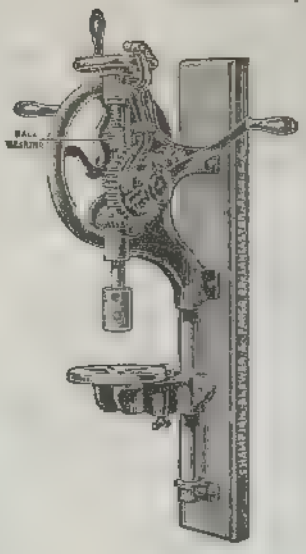
No. 98—Diam fly-wheel 14 ins; drills holes up to 1 in, and to center of 14 in. circle; has 3 in. up-and-down run; spindle 1 in. in diam; never slip chuck, takes ½ in. shank bits $30 75

One in crate; wt each 85 lbs.

Every "Champion" Drill is a perfect Drill and every Mechanic knows it. There are no ifs-an-ands about it. They are made to give perfect service for many, many years.

POST DRILLS

CHAMPION, BACK-GEARED

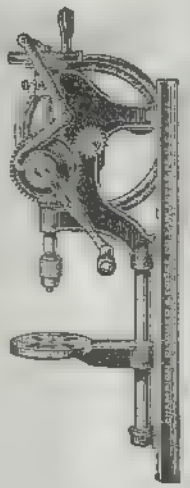


Self feed; 2 speed, ball bearing slotted lathe turned table. Drills to the center of a 12 inch circle. Greatest distance from table to spindle 8¾ inches. Spindle ⅞ inch in diameter with up and down travel of 3 inches; capacity, holes 0 to ¾ inch taking ½ inch straight shank drills.

	Each
No. 105—Hand power only; wt each 59 lbs	$24 75
No. 105P—Hand and power drive, same as above, except with tight and loose pulleys, 6 ins. in diam; 2 in. face for power; 250 R.P.M.; wt each 69 lbs	36 00

One in crate.

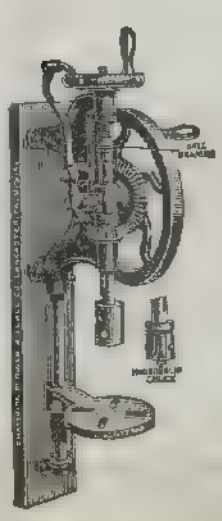
CHAMPION UTILITY



Ball-bearing; steel shaft and spindle, gray iron back mounted on hardwood board. Self feed arm adjustable for three feeds. Square thread machine cut steel screw. Machine finished gears closely fitted giving spindle speed 2½ turns to one turn of crank. Adjustable three jaw chuck holding 0 to ½ inch straight shank bits. Enameled hardwood grip on ratchet wheel for quick return. Adjustable crank for turning. Slotted lathe turned table.

	Each
No. 1000—Drills to center of 12 in circle; flat faced fly wheel 14x1½ ins; will take 1½ in belt for power operation	$21 75

One in crate; wt each 60 lbs.



CHAMPION

Hand Power.

Self feed, single speed single geared; ball-bearing; lathe turned slotted table. Drills to the center of 12 inch circle, greatest distance from table to spindle 8¾ inches.

Designed for light and medium work.

	Each
No. 106—Spindle ⅞ in. diam with up and down travel of 3 ins; capacity, holes up to ¾ in, takes ½ in. round shank drill	$14 25

Crated; shipping wt each 47 lbs.

DRILL CHUCKS

GOODELL'S

Three hardened steel jaws. Shank is arranged to receive a stud which, as the shell is turned forces jaws forward and tightens the chuck.

	Each
No. 15—With ½ in. straight shank; for drills up to ¼ in, with arbor	$3 30
No. 15½—With ½ inch straight shank; for drills up to ⅜ in, with arbor	3 90
No. 16—With ½ in. straight shank; for drills up to ½ in, with arbor	5 25
No. 165—With 41/64 in. straight shank; for drills up to ½ in, with arbor	5 25

One in box; wt each ½ lb.

CHAMPION

Three hardened steel jaws. Jaws work from center of chuck insuring perfect alignment. Jaws of chuck are forced together evenly, with great pressure holding all size bits. Ball-bearing end thrust, held in place by retainer.

	Each
No. 3J Diam 1¾ ins; length 2¾ ins; capacity 0 to ½ in	$16 50

One in cardboard box; wt each 1¼ lbs.

ARBORS FOR ABOVE CHUCKS

	Each
No. 3JA-½—With ½ in. shank	$2 25
No. 3JA-⅝—With ⅝ or 41/64 in. shank	2 25
No. 3JA-1T—With morse taper shank No. 1	3 30

Packed loose.

STANDARD IMPROVED

No projecting jaws, holds true will not injure the shank of drill; holds round or square drills; jaws are guided by three strong gibs, tempered tool steel, jaws and screws. Hole in hub is made to fit a taper arbor, but can be bored out and threaded to a special templet.

Nos.	0	1	2
Diam, ins	1 11/16	2 1/16	2⅛
Length, ins	2 11/32	2 13/16	3 3/8
Cap, in	0 to ⅜	0 to ½	0 to ¾
Wt each, lbs	1¾	3½	6
Each	$22 50	26 25	29 25

One in box.

ARBORS

For standard improved drill chucks.

Nos.	137D0 ½	137D1 ½	137D2 ½	137D2
Diam shank, ins	½	½	½	41/64
Length shank, ins	2½	2½	2½	2½
Extreme length, ins	3¾	3¾	4	3 13/16
For std chucks, Nos	0	1	2	2
Each	$1 35	1 35	1 95	1 95

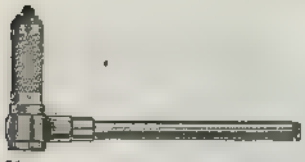
Packed loose.

For standard improved drill chucks.

Nos.	137D0	137D1
Diam shank, ins	41/64	41/64
Length shank, ins	2½	2½
Extreme length, ins	3¾	3¾
For std chucks, Nos	0	1
Each	$1 35	1 35

Packed loose.

RATCHET DRILLS

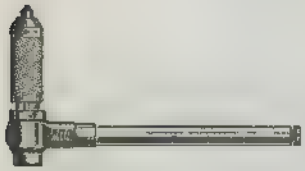


KEYSTONE
Reversible Square Sleeve.

Cold drawn tubing handle; forged body and socket; hardened wearing parts. Takes No. 104A and No. 406 square taper shank drills.

Nos.	1	2	3
Length handle, ins	10	14	16
Length head, ins	5 5/16	7 5/16	7 13/16
Wt each, lbs	3	6 1/2	7 1/2
Each	$15 00	17 25	19 50

One in cardboard box.



KEYSTONE
Reversible Morse Taper.

Cold drawn tubing handle; forged body and socket; hardened wearing parts. Takes No. 104 and No. 405 morse taper shank drills.

Nos.	21	22	23
Length handle, ins	10	14	16
Length head, ins	6 1/8	8 1/16	8 1/16
Takes drills, size ins	17/64 to 29/32	29/64 to 1 1/4	49/64 to 1 3/4
Wt each, lbs	3 1/2	6 1/2	7 1/2
Each	$15 75	18 00	20 25

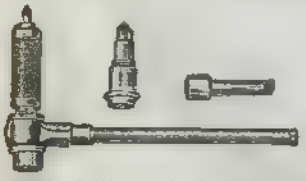
One in cardboard box.

Reversible Boiler.

Cold drawn steel hand; forged body and socket; hardened wearing parts. Takes No. 104A and No. 406 square taper shank drills.

Nos.	31	32
Length handle, ins	10	14
Length head, ins	3 15/16	4 1/2
Wt each, lbs	3	5
Each	$15 00	17 25

One in cardboard box.



KEYSTONE
Reversible Ratchet.

Special alloy steel pawl and feed screw, heat treated; steel drop forged body; steel tubing handle; polished finish. Consists of ratchet for taper shank twist drills, sleeve for square shank drills, and short boiler sockets interchangeable. No. 51, will take No. 2 morse taper and No. 1 square drill; Nos. 52 and 53 will take No. 3 morse taper and No. 1 square.

Nos.	51	52	53
Length handle, ins	10	14	16
Wt each, lbs	4 7/8	9	10 1/8
Each	$24 00	27 00	30 00

One in cardboard box

Weston, Single Acting.

Drop-forged steel body and socket; solid bar steel handle; hardened wearing parts. Nos. A12 and A14 take Nos. 104A and 406 square taper shank drills; Nos. A16 and A18 take No. 104 1/2A square taper shank drills.

Nos.	A12	A14
Length handle, ins	12	14
Length head, ins	6	7 1/2
Wt each, lbs	8	9
Each	$17 25	18 75

One in pkg.

TAPER SLEEVES

Polished tool steel; to fit Packer's taper socket ratchet drills.

	Each
No. 1—Tapers from 2 to 1; length 3 1/2 ins; wt each 1/4 lb	$1 95
No. 2—Tapers from 3 to 2; length 4 3/8 in; wt each 3/8 lb	2 [illegible]

In paper, packed loose.

POST DRILL CHUCKS

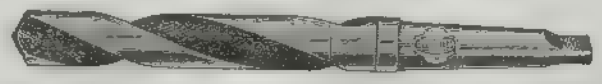
Hardened steel, bright finish; square milled socket takes regular bit shank twist drills. Shank to fit blacksmith's post drills Nos. 97, 97P, 200, 4, 96, 1900, 95, 91, 93 1/2 and 98 and all other post drills taking regular 1/2 inch straight shank drills.

	Each
No. 1P—With 1/2 in. straight shank; for bit stock drills.	$2 65

One in wood box; wt each 1/2 lb.

TWIST DRILLS

—BLUE GRASS—Morse Taper Shank.



Milled from extra quality crucible carbon steel, oil tempered. Perfect and absolutely accurate in gauge. Fully warranted.

Edge of twist and body full polished, grooves and shank sand blast finish.

No. BG405 Size ins	Each	Length over all, ins	Taper Shank No.	Wt doz lbs
1/8	63 $0 45	5 1/8	1	3/4
5/127	63 45	5 3/8	1	1
5/64	69 50	5 3/4	1	1 1/2
3/32	75 55	5 7/8	1	1 7/8
7/64	84 60	6 1/8	1	1 7/8
9/128	90 65	6 1/4	1	1 7/8
5/64	96 70	6 3/8	1	2 1/4
11/128	1 05 75	6 1/2	1	2 1/4
3/16	1 11 80	6 3/4	1	2 1/4
13/128	1 23 90	7	1	2 1/2
7/64	1 38 1 00	7 1/4	1	3
15/128	1 53 1 10	7 1/2	1	3
1/8	1 65 1 20	7 3/4	1	3 1/2
17/128	1 80 1 30	8	1	3 3/4
9/64	1 92 1 40	8 1/4	1	4 1/2
19/128	2 07 1 50	8 1/2	2	4 1/2
5/32	2 22 1 60	8 3/4	2	7
21/128	2 34 1 70	9	2	7 1/2
11/64	2 49 1 80	9 1/4	2	8
23/128	2 64 1 90	9 1/2	2	9
3/16	2 70 2 00	9 3/4	2	9 1/2
25/128	2 91 2 10	9 7/8	2	9 3/4
13/64	3 00 2 20	10	2	10 1/2
27/128	3 30 2 40	10 1/4	2	12
7/32	3 60 2 60	10 1/2	2	12
15/64	4 20 3 00	10 3/4	3	16 1/2
29/128	4 50 3 25	10 7/8	3	17
1	4 80 3 50	11	3	18
1 1/8	6 15 4 50	11 3/4	3	21 3/4

1/8 to 1/2 twelve; 17/128 to 11/64 six; 3/32 to 3/8 three; 29/128 to 1 1/8 in. one in pkg.

No. 1 Taper Shank is .475 inch diameter at shoulder and taper .600 inch in 12 inches.

No. 2 Taper Shank is .700 inch diameter at shoulder and taper .602 inch in 12 inches.

No. 3 Taper Shank is .938 inch diameter at shoulder and taper .602 inch in 12 inches.

INCANDESCENT LAMPS

LICENSED

Made Under License From General Electric Co.

Less than Standard Package Quantities 30% .
Standard Package Quantities 33⅓% .

"List Prices on Incandescent Lamps shown on this page **are not** subject to regular discount applicable to entire Catalog, but to the special discount, as herewith shown."

S 17 S-19 S-21

FOR ELECTRIC STREET RAILWAY SERVICE

All Electric Street railways have 525-650 volts direct current. Direct current cannot be reduced in voltage except at great expense. Since a lamp of this voltage, if it could be produced at all, would be too fragile for use it has been found best to burn lamps of 105-125 volts in series of 5. However, lamps, if they are to burn satisfactorily in series, must have the filaments cut very accurately and uniformly in circumference in order that the same number of amperes may flow through each lamp in series.

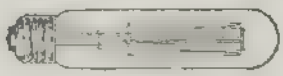
Nos.	Watt	Volts	Bulb	Type	Length over all Ins	Std Pkg Quan	Std Pkg Weight Lbs	Type	Each
23-105 TSR	23	105	S-17	Clear	4⅛	120	21	Street R. R.	+$0 25
23-110 TSR	23	110	"	"	"	120	21	" "	+ 25
23-115 TSR	23	115	"	"	"	120	21	" "	+ 25
23-120 TSR	23	120	"	"	"	120	21	" "	+ 25
23-125 TSR	23	125	"	"	"	120	21	" "	+ 25
23-130 TSR	23	130	"	"	"	120	21	" "	+ 25
36-105 TSR	36	105	S-19	"	5 1/16	120	24	" "	+ 25
36-110 TSR	36	110	"	"	"	120	24	" "	+ 25
36-115 TSR	36	115	"	"	"	120	24	" "	+ 25
36-120 TSR	36	120	"	"	"	120	24	" "	+ 25
36-125 TSR	36	125	"	"	"	120	24	" "	+ 25
36-130 TSR	36	130	"	"	"	120	24	" "	+ 25
56-105 TSR	56	105	S-21	"	5¼	120	24	" "	+ 30
56-110 TSR	56	110	"	"	"	120	24	" "	+ 30
56-115 TSR	56	115	"	"	"	120	24	" "	+ 30
56-120 TSR	56	120	"	"	"	120	24	" "	+ 30
56-125 TSR	56	125	"	"	"	120	24	" "	+ 30
56-130 TSR	56	130	"	"	"	120	24	" "	+ 30
94-105 TSR	94	105	S-24½	"	6 15/16	60	16	" "	+ 80
94-110 TSR	94	110	"	"	"	60	16	" "	+ 80
94-115 TSR	94	115	"	"	"	60	16	" "	+ 80
94-120 TSR	94	120	"	"	"	60	16	" "	+ 80
94-125 TSR	94	125	"	"	"	60	16	" "	+ 80
94-130 TSR	94	130	"	"	"	60	16	" "	+ 80

G-18½

LOCOMOTIVE HEAD LIGHTING

These lamps are used mostly for lighting steam trains. Each car is usually equipped with generator attached to the axle of one of the wheels and a storage battery of either thirty to thirty four or sixty to sixty five volts. When the car is traveling above a certain speed the generator charges the storage battery just as on automobiles.

Nos.	Watt	Volt	Bulb	Type	Length over all Ins	Std Pkg Quan	Std Pkg Weight Lbs	Type	Each
15-32 TLC	15	33	G-18½	Clear	3 9/16	120	21	Train Lt	$0 85
100-32 TCLH	100	32	P-25	"	6 15/16	60	19	Locomotive	+ 1 00
250-32 TCLH	250	32	"	"	6 15/16	60	19	"	+ 1 60



T-10

FOR STANDARD LIGHTING CIRCUITS

For show cases, show windows, art galleries, desks, lamps, lamps for music racks in orchestras and in banks and counting houses where trough reflectors are used along the top of cages.

Nos.	Watt	Volt	Bulb	Type	Length over all Ins	Std Pkg Quan	Std Pkg Weight Lbs	Type	Each
25-110 TBT	25	110	T-10	"	5⅝	60	18	Tubular	+$0 45
25-115 TBT	25	115	"	"	"	60	18	"	+45
25-120 TBT	25	120	"	"	"	60	18	"	+45
25-125 TBT	25	120	"	"	"	60	18	"	+45

+F. O. B. Kentucky Factory Only.

EDISON MAZDA INCANDESCENT LAMPS

The average life of a Mazda Lamp is 1000 hours. The decrease in candle power during the life of the lamp is less than 20%.
Edison Mazda Lamps are made in the following types:
New Standard Line, having Type A inside frosted bulb. Having the following advantages over other types:
1. **Easily Cleaned.** Frosting is on the inside and bulb therefore does not gather dirt. 2. **Better Lighting.** Splendid diffusion is obtained with such small loss of light that these lamps will replace both the clear and frosted lamps of the old types. 3. **Stronger.** These lamps are much more rugged than the old types. Breakage will be appreciably less. 4. **Attractive Appearance.** Pearl Gray bulb is pleasing in appearance and harmonizes with any background color. 5. **Simplified Stocks.** Five new types and sizes replace more than forty old types and sizes. **Mazda C Gas** filled lamps having type PS bulb in clear, white bowl and daylight blue bulb. **Sign Lighting Lamps** in type S clear and type P daylight blue. In ordering be sure to specify the following: Watts, volts, type of bulb (for instance A-17 inside frosted or PS-30 clear) type of lamp (for instance standard or country home lighting or train lighting.)

S-14 S-17 S-19 10 Watts

P-19, 25 and 50 Watts

A-17, 15 Watts

A-19, 25 Watts

A-21, 40 and 50 Watts

A-21, 60 Watts

Edison Lamps Sold on Contract Only. See Discount Pages 1084 and 1085.

Nos.	Watt	Volts	Bulb	Type	Length Ins	Carton Quan	Std Pkg Quan	Std Pkg Lbs	Type		Each
10-110ES	10	110	S-14	Clear	3½	10	120	13	Sign		$0 20
10-115ES	10	115	"	"	"	6	120	13	"		20
10-120ES	10	120	"	"	"	6	120	13	"		20
10-125ES	10	125	"	"	"	6	120	13	"	✦	20
10-110ESR	10	110	"	Red	"	6	120	13	Standard	✦	25
10-115ESR	10	115	"	"	"	6	120	13	"	✦	25
10-120ESR	10	120	"	"	"	6	120	13	"	✦	25
10-125ESR	10	125	"	"	"	6	120	13	"	✦	25
10-110ESB	10	110	"	Blue	"	6	120	13	"	✦	25
10-115ESB	10	115	"	"	"	6	120	13	"	✦	25
10-120ESB	10	120	"	"	"	6	120	13	"	✦	25
10-125ESB	10	125	"	"	"	6	120	13	"	✦	25
10-110ESG	10	110	"	Green	"	6	120	13	"	✦	25
10-115ESG	10	115	"	"	"	6	120	13	"	✦	25
10-120ESG	10	120	"	"	"	6	120	13	"	✦	25
10-125ESG	10	125	"	"	"	6	120	13	"	✦	25
10-110ESY	10	110	"	Yellow	"	6	120	13	"	✦	25
10-115ESY	10	115	"	"	"	6	120	13	"	✦	25
10-120ESY	10	120	"	"	"	6	120	13	"	✦	25
10-125ESY	10	125	"	"	"	6	120	13	"	✦	25
10-110ESO	10	110	"	Amber Orange	"	6	120	13	"	✦	25
10-115ESO	10	115	"	"	"	6	120	13	"	✦	25
10-120ESO	10	120	"	"	"	6	120	13	"	✦	25
10-125ESO	10	125	"	"	"	6	120	13	"	✦	25
15-32EA	15	28-32	A-17	Inside Frosted	3⅝	6	120	14½	Country Home		25
15-110EAFT	15	110	"	Flame Tinted	"	6	120	14½	Colored	✦	35
15-115EAFT	15	115	"	"	"	6	120	14½	"	✦	35
15-120EAFT	15	120	"	"	"	6	120	14½	"	✦	35
15-125EAFT	15	125	"	"	"	6	120	14½	"	✦	35
15-110EBBS	15	110	S-14	Blue	3½	6	120	13	Sign		34
15-115EBBS	15	115	"	"	"	6	120	13	"		34
15-120EBBS	15	120	"	"	"	6	120	13	"		34
15-125EBBS	15	125	"	"	"	6	120	13	"	✦	34
15-110EA	15	110	A-17	Inside Frosted	3⅝	6	120	14½	Standard		20
15-115EA	15	115	"	"	"	6	120	14½	"		20
15-120EA	15	120	"	"	"	6	120	14½	"		20
15-125EA	15	125	"	"	"	6	120	14½	"		20
25-110EAS	25	110	A-19	Blue	3 19/32	6	120	17	Sign		40
25-115EAS	25	115	"	"	"	6	120	17	"		40
25-120EAS	25	120	"	"	"	6	120	17	"		40
25-125EAS	25	125	"	"	"	6	120	17	"	✦	40

Each lamp packed in an individual container.

✦F. O. B. Missouri or Ohio Factories Only.

EDISON MAZDA INCANDESCENT LAMPS

Edison Lamps Sold on Contract Only. See Discount Pages 1084 and 1085.

Nos.	Watt	Volts	Bulb	Type	Length over all Ins	Carton Quan	Std Pkg Quan	Std Pkg Weight Lbs	Type		Each
25-32EA	25	28-32	"	Inside Frosted	3 15/16	6	120	17	Country Home		$0 25
25-110EA	25	110	"	" "	"	6	120	17	Standard		20
25-115EA	25	115	"	" "	"	6	120	17	"		20
25-120EA	25	120	"	" "	"	6	120	17	"		20
25-125EA	25	125	"	" "	"	6	120	17	"		20
25-110EAFT	25	110	"	Flame Tinted	"	6	120	17	Colored	+	25
25-115EAFT	25	115	"	" "	"	6	120	17	"	+	25
25-120EAFT	25	120	"	" "	"	6	120	17	"	+	25
25-125EAFT	25	125	"	" "	"	6	120	17	"	+	25
25-110EBFT-G25	25	110	G-25	" "	4 1/16	6	60	13	Standard		40
25-115EBFT-G25	25	115	"	" "	"	6	60	13	"		40
25-120EBFT-G25	25	120	"	" "	"	6	60	13	Mill		40
FR25-110EB-G25	25	110	"	White	"	6	60	13	Standard		35
FR25-115EB-G25	25	115	"	"	"	6	60	13	"		35
FR25-120EB-G25	25	120	"	"	"	6	60	13	"		35
FR40-110EB-G25	40	110	"	"	"	6	120	26	"	+	35
FR40-115EB-G25	40	115	"	"	"	6	120	26	"		35
FR40-120EB-G25	40	120	"	"	"	6	120	26	"	+	35
R40-110EBFT-G25	40	110	"	Flame Tinted	"	6	120	26	"		40
25-110EAB	25	110	A-19	Blue	3 15/16	6	120	17	Colored		25
25-115EAB	25	115	"	"	"	6	120	17	"		25
25-120EAB	25	120	"	"	"	6	120	17	"	+	25
25-125EAB	25	125	"	"	"	6	120	17	"	+	25
25-110EAR	25	110	"	Red	"	6	120	17	"		25
25-115EAR	25	115	"	"	"	6	120	17	"		25
25-120EAR	25	120	"	"	"	6	120	17	"	+	25
25-125EAR	25	125	"	"	"	6	120	17	"	+	25
25-110EAG	25	110	"	Green	"	6	120	17	"		25
25-115EAG	25	115	"	"	"	6	120	17	"		25
25-120EAG	25	120	"	"	"	6	120	17	"	+	25
25-125EAG	25	125	"	"	"	6	120	17	"	+	25
25-110EAY	25	110	"	Yellow	"	6	120	17	"		25
25-115EAY	25	115	"	"	"	6	120	17	"		25
25-120EAY	25	120	"	"	"	6	120	17	"	+	25
25-125EAY	25	125	"	"	"	6	120	17	"	+	25
25-110EAO	25	110	"	Amber Orange	"	6	120	17	"	+	25
25-115EAO	25	115	"	" "	"	6	120	17	"		25
25-120EAO	25	120	"	" "	"	6	120	17	"	+	25
25-125EAO	25	125	"	" "	"	6	120	17	"	+	25
25-220EA	25	220	"	Inside Frosted	"	6	120	17	Standard		26
25-230EA	25	230	"	" "	"	6	120	17	"	+	26
25-240EA	25	240	"	" "	"	6	120	17	"	+	26
25-250EA	25	250	"	" "	"	6	120	17	"		26
40-110EA	40	110	A-21	" "	4 7/16	6	120	20	"		20
40-115EA	40	115	"	" "	"	6	120	20	"		20
40-120EA	40	120	"	" "	"	6	120	20	"		20
40-125EA	40	125	"	" "	"	6	120	20	"		20
40-110EAFT	40	110	"	Flame Tinted	"	6	120	20	Colored		25
40-115EAFT	40	115	"	" "	"	6	120	20	"		25
40-120EAFT	40	120	"	" "	"	6	120	20	"		25
40-125EAFT	40	125	"	" "	"	6	120	20	"	+	25
50-110EBMT	50	110	P-19	Clear	3 1/8	6	120	17	Mill		25
50-115EBMT	50	115	"	"	"	6	120	17	"		25
50-120EBMT	50	120	"	"	"	6	120	17	"		25
50-250EBMT	50	250	"	"	"	6	120	17	"	+	30
50-110EAS	50	110	A-19	Blue	3 15/16	6	120	17	Sign		40
50-115EAS	50	115	"	"	"	6	120	17	"		40
50-120EAS	50	120	"	"	"	6	120	17	"		40
50-125EAS	50	125	"	"	"	6	120	17	"	+	40

Each lamp packed in an individual container.

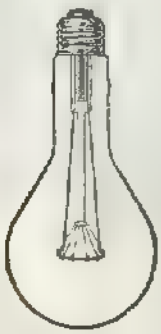
+F. O. B. Missouri or Ohio Factories Only.

EDISON MAZDA INCANDESCENT LAMPS

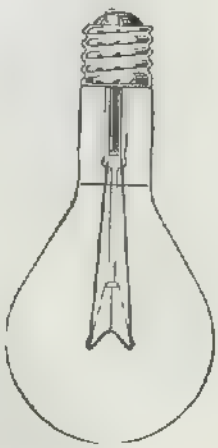
Edison Lamps Sold on Contract Only. See Discount Pages 1084 and 1085.

Nos.	Watt	Volts	Bulb	Type	Length over all Ins	Carton Quan	Std Pkg Quan	Std Pkg Weight Lbs	Type		Each
50-32EA	50	28-32	A-21	Inside Frosted	4 15/16	6	120	21	Country Home		$0 27
50-110EA	50	110	"	" "	"	6	120	21	Standard		20
50-115EA	50	115	"	" "	"	6	120	21	"		20
50-120EA	50	120	"	" "	"	6	120	21	"		20
50-125EA	50	125	"	" "	"	6	120	21	"		20
50-220EA	50	220	"	"	"	6	120	21	"		26
50-230EA	50	230	"	" "	"	6	120	21	"		26
50-240EA	50	240	"	" "	"	6	120	21	"		26
50-250EA	50	250	"	" "	"	6	120	21	"	✤	26
50-275EAMT	50	275	"	" "	4 7/16	6	120	21	Mine Type		40
50-110EAFT	50	110	A-21	Flame Tinted	4 15/16	6	120	21	Colored	✤	30
50-115EAFT	50	115	"	" "	"	6	120	21	"	✤	30
50-120EAFT	50	120	"	" "	"	6	120	21	"	✤	30
50-125EAFT	50	125	"	" "	"	6	120	21	"	✤	30
50-110EARS	50	110	A-19	Inside Frosted	3 15/16	6	120	17	Rough Service		37
50-115EARS	50	115	"	" "	"	6	120	17	"		37
50-120EARS	50	120	"	" "	"	6	120	17	"		37
50-125EARS	50	125	"	" "	"	6	120	17	"		37
60-110EA	60	110	A-21	" "	5 1/4	6	120	22	Standard		20
60-115EA	60	115	"	" "	"	6	120	22	"		20
60-120EA	60	120	"	" "	"	6	120	22	"		20
60-125EA	60	125	"	" "	"	6	120	22	"		20
60-110EADB	60	110	"	Daylight Blue	"	6	120	22	"		38
60-115EADB	60	115	"	" "	"	6	120	22	"		38
60-120EADB	60	120	"	" "	"	6	120	22	"	✤	38
60-125EADB	60	125	"	" "	"	6	120	22	"	✤	38

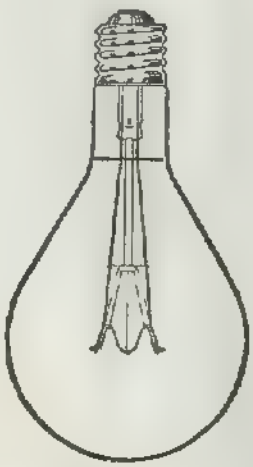
A-23, 100 Watts



PS-25, 100 and 150 Watts



PS-35, 300 Watts



PS-40, 500 Watts

Nos.	Watt	Volt	Bulb	Type	Length over all Ins	Carton Quan	Std Pkg Quan	Std Pkg Wt Lbs	Type		Each
75-110EA	75	110	A-23	Inside Frosted	6 1/16	6	60	20	Standard		$0 25
75-115EA	75	115	"	" "	"	6	60	20	"		35
75-120EA	75	120	"	" "	"	6	60	20	"		35
75-125EA	75	125	"	" "	"	6	60	20	"	✤	35

Each lamp packed in an individual container.

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EDISON MAZDA INCANDESCENT LAMPS

Edison Lamps Sold on Contract Only. See Discount Pages 1084 and 1085.

Nos.	Watt	Volts	Bulb	Type	Length over all Ins	Carton Quan	Std Pkg Quan	Std Pkg Weight Lbs	Type	Each
100-32EA	100	28-32	A-23	Inside Frosted	6 1/16	6	60	14	Country Home	$0 40
100-110EA	100	110	"	" "	"	6	60	14	Standard	35
100-115EA	100	115	"	" "	"	6	60	14	"	35
100-120EA	100	120	"	" "	"	6	60	14	"	35
100-125EA	100	125	"	" "	"	6	60	14	"	35
100-220EA	100	220	"	Inside Frosted	"	6	60	14	"	43
100-230EA	100	230	"	" "	"	6	60	14	"	43
100-240EA	100	240	"	" "	"	6	60	14	"	43
100-250EA	100	250	"	" "	"	6	60	14	"	43
100-110EADB	100	110	"	DaylightBlue	"	6	60	14	"	60
100-115EADB	100	115	"	" "	"	6	60	14	"	60
100-120EADB	100	120	"	" "	"	6	60	14	"	60
100-125EADB	100	125	"	" "	"	6	60	14	"	60
150-110EC	150	110	PS-25	Clear	6 15/16	1	24	10	"	60
150-115EC	150	110	"	"	"	1	24	10	"	60
150-120EC	150	120	"	"	"	1	24	10	"	60
150-125EC	150	125	"	"	"	1	24	10	"	60
150-110ECBE	150	110	"	White Bowl	"	1	24	10	"	65
150-115ECBE	150	115	"	" "	"	1	24	10	"	65
150-120ECBE	150	120	"	" "	"	1	24	10	"	65
150-125ECBE	150	125	"	" "	"	1	24	10	"	65
150-110ECB	150	110	"	Daylight Blue	"	1	24	10	"	1 00
150-115ECB	150	115	"	" "	"	1	24	10	"	1 00
150-120ECB	150	120	"	" "	"	1	24	10	"	1 00
150-125ECB	150	125	"	" "	"	1	24	10	"	1 00
200-110EC	200	110	PS-30	Clear	8 1/8	1	24	16	"	80
200-115EC	200	115	"	"	"	1	24	16	"	80
200-120EC	200	120	"	"	"	1	24	16	"	80
200-125EC	200	125	"	"	"	1	24	16	"	80
200-220EC	200	220	"	"	"	1	24	16	"	1 00
200-230EC	200	230	"	"	"	1	24	16	"	1 00
200-240EC	200	240	"	"	"	1	24	16	"	1 00
200-250EC	200	250	"	"	"	1	24	16	"	1 00
200-110ECBE	200	110	"	White Bowl	"	1	24	16	"	85
200-115ECBE	200	115	"	" "	"	1	24	16	"	85
200-120ECBE	200	120	"	" "	"	1	24	16	"	85
200-125ECBE	200	125	"	" "	"	1	24	16	"	85
200-220ECBE	200	220	"	" "	"	1	24	16	"	1 10
200-230ECBE	200	230	"	" "	"	1	24	16	"	1 10
200-240ECBE	200	240	"	" "	"	1	24	16	"	1 10
200-250ECBE	200	250	"	" "	"	1	24	16	"	1 10
200-110ECB	200	110	"	Daylight Blue	"	1	24	16	"	1 80
200-115ECB	200	115	"	"	"	1	24	16	"	1 80
200-120ECB	200	120	"	"	"	1	24	16	"	1 80
200-125ECB	200	125	"	"	"	1	24	16	"	1 80
300-110EC	300	110	PS-35	Clear	9 7/8	1	24	25	"	1 25
300-115EC	300	115	"	"	"	1	24	25	"	1 25
300-120EC	300	120	"	"	"	1	24	25	"	1 25
300-125EC	300	125	"	"	"	1	24	25	"	1 25
300-220EC	300	220	"	"	"	1	24	25	"	1 50
300-230EC	300	230	"	"	"	1	24	25	"	1 50
300-240EC	300	240	"	"	"	1	24	25	"	1 50
300-250EC	300	250	"	"	"	1	24	25	"	1 50

Each lamp packed in an individual container.

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EDISON MAZDA INCANDESCENT LAMPS

Edison Lamps Sold on Contract Only. See Discount Pages 1084 and 1085.

Nos.	Watt	Volts	Bulb	Type	Length over all Ins	Carton Quan	Std Pkg Quan	Std Pkg Weight Lbs	Type	Each
300-110ECBE	300	110	PS35	White Bowl	9⅞	1	24	25	Standard	✚$1 85
300-115ECBE	300	115	"	" "	"	1	24	25	"	✚ 1 85
300-120ECBE	300	120	"	" "	"	1	24	25	"	✚ 1 85
300-125ECBE	300	125	"	" "	"	1	24	25	"	✚ 1 85
300-220ECBE	300	220	"	" "	"	1	24	25	"	✚ 1 60
300-230ECBE	300	230	"	" "	"	1	24	25	"	✚ 1 60
300-240ECBE	300	240	"	" "	"	1	24	25	"	✚ 1 60
300-250ECBE	300	250	"	" "	"	1	24	25	"	✚ 1 60
300-110ECB	300	110	"	Daylight Blue	"	1	24	25	"	1 85
300-115ECB	300	115	"	" "	"	1	24	25	"	✚ 1 85
300-120ECB	300	120	"	" "	"	1	24	25	"	✚ 1 85
300-125ECB	300	125	"	" "	"	1	24	25	"	✚ 1 85
500-110EC	500	110	PS-40	Clear	9 11/16	1	12	16	"	2 00
500-115EC	500	115	"	"	"	1	12	16	"	2 00
500-120EC	500	120	"	"	"	1	12	16	"	2 00
500-125EC	500	125	"	"	"	1	12	16	"	✚ 2 00
500-220EC	500	220	"	"	"	1	12	16	"	2 40
500-230EC	500	230	"	"	"	1	12	16	"	✚ 2 40
500-240EC	500	240	"	"	"	1	12	16	"	✚ 2 40
500-250EC	500	250	"	"	"	1	12	16	"	✚ 2 40
500-110ECBE	500	110	"	White Bowl	"	1	12	16	"	✚ 2 15
500-115ECBE	500	115	"	" "	"	1	12	16	"	✚ 2 15
500-120ECBE	500	120	"	" "	"	1	12	16	"	✚ 2 15
500-125ECBE	500	125	"	" "	"	1	12	16	"	✚ 2 15
500-220ECBE	500	220	"	" "	"	1	12	16	"	✚ 2 55
500-230ECBE	500	230	"	" "	"	1	12	16	"	✚ 2 55
500-240ECBE	500	240	"	" "	"	1	12	16	"	✚ 2 55
500-250ECBE	500	250	"	" "	"	1	12	16	"	✚ 2 55
500-110ECB	500	110	"	Daylight Blue	"	1	12	16	"	✚ 2 85
500-115ECB	500	115	"	" "	"	1	12	16	"	✚ 2 85
500-120ECB	500	120	"	" "	"	1	12	16	"	✚ 2 85
500-125ECB	500	125	"	" "	"	1	12	16	"	✚ 2 85
750-110EC	750	110	PS-52	Clear	13 1/16	1	8	22	"	3 75
750-115EC	750	115	"	"	"	1	8	22	"	✚ 3 75
750-120EC	750	120	"	"	"	1	8	22	"	✚ 3 75
750-125EC	750	125	"	"	"	1	8	22	"	✚ 3 75
750-220EC	750	220	"	"	"	1	8	22	"	✚ 4 25
750-230EC	750	230	"	"	"	1	8	22	"	✚ 4 25
750-240EC	750	240	"	"	"	1	8	22	"	✚ 4 25
750-250EC	750	250	"	"	"	1	8	22	"	✚ 4 25
750-110ECBE	750	110	"	White Bowl	"	1	8	22	"	✚ 3 95
750-115ECBE	750	115	"	" "	"	1	8	22	"	✚ 3 95
750-120ECBE	750	120	"	" "	"	1	8	22	"	✚ 3 95
750-125ECBE	750	125	"	" "	"	1	8	22	"	✚ 3 95
750-220ECBE	750	220	"	" "	"	1	8	22	"	✚ 4 50
750-230ECBE	750	230	"	" "	"	1	8	22	"	✚ 4 50
750-240ECBE	750	240	"	" "	"	1	8	22	"	✚ 4 50
750-250ECBE	750	250	"	" "	"	1	8	22	"	✚ 4 50
1000-110EC	1000	110	"	Clear	"	1	8	22	"	4 00
1000-115EC	1000	115	"	"	"	1	8	22	"	✚ 4 00
1000-120EC	1000	120	"	"	"	1	8	22	"	✚ 4 00
1000-125EC	1000	125	"	"	"	1	8	22	"	✚ 4 00
1000-110ECBE	1000	110	"	White Bowl	"	1	8	22	"	✚ 4 25
1000-115ECBE	1000	115	"	" "	"	1	8	22	"	✚ 4 25
1000-120ECBE	1000	120	"	" "	"	1	8	22	"	✚ 4 25
1000-125ECBE	1000	125	"	" "	"	1	8	22	"	✚ 4 25
1000-220EC	1000	220	"	Clear	"	1	8	22	"	✚ 4 75
1000-230EC	1000	230	"	"	"	1	8	22	"	✚ 4 75
1000-240EC	1000	240	"	"	"	1	8	22	"	✚ 4 75
1000-250EC	1000	250	"	"	"	1	8	22	"	✚ 4 75
1000-220ECBE	1000	220	"	White Bowl	"	1	8	22	"	✚ 5 00
1000-230ECBE	1000	230	"	" "	"	1	8	22	"	✚ 5 00
1000-240ECBE	1000	240	"	" "	"	1	8	22	"	✚ 5 00
1000-250ECBE	1000	250	"	" "	"	1	8	22	"	✚ 5 00

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EDISON MAZDA INCANDESCENT LAMPS

S-17
S-19
S-21

MAZDA B

For Electric Street Railway Service.

All electric street railways have 525-650 volts direct current. Direct current cannot be reduced in voltage except at great expense. Since a lamp of this voltage, if it could be produced at all, would be too fragile for use, it has been found best to burn lamps of 105-125 volts in series of 5. However, lamps, if they are to burn satisfactorily in series, must have their filaments cut very ACCURATELY and uniformly in circumference in order that the same number of amperes may flow through each lamp in series.

Edison Lamps Sold on Contract Only. See Discount Pages 1084 and 1085.

Nos.	Watt	Volts	Bulb	Type	Length over all Ins	Std Pkg Quan	Std Pkg Weight Lbs	Type	Each
23-105ESR	23	110	S-17	Clear	4 5/8	120	17	Street R.R.	✦$0 25
23-110ESR	23	110	"	"	"	120	17	" "	✦ 25
23-115ESR	23	115	"	"	"	120	17	" "	✦ 25
23-120ESR	23	120	"	"	"	120	17	" "	✦ 25
23-125ESR	23	125	"	"	"	120	17	" "	✦ 25
23-130ESR	23	130	"	"	"	120	17	" "	✦ 25
36-105ESR	36	105	S-19	"	5 9/16	120	19	" "	✦ 25
36-110ESR	36	110	"	"	"	120	19	" "	✦ 25
36-115ESR	36	115	"	"	"	120	19	" "	✦ 25
36-120ESR	36	120	"	"	"	120	19	" "	✦ 25
36-125ESR	36	125	"	"	"	120	19	" "	✦ 25
36-130ESR	36	130	"	"	"	120	19	" "	✦ 25
56-105ESR	56	105	S-21	"	5 1/8	120	22	" "	✦ 30
56-110ESR	56	110	"	"	"	120	22	" "	✦ 30
56-115ESR	56	115	"	"	"	120	22	" "	✦ 30
56-120ESR	56	120	"	"	"	120	22	" "	✦ 30
56-125ESR	56	125	"	"	"	120	22	" "	✦ 30
56-130ESR	56	130	"	"	"	120	22	" "	✦ 30
94-105ESR	94	105	S-24½	"	6 11/16	60	23	" "	✦ 80
94-110ESR	94	110	"	"	"	60	23	" "	✦ 80
94-115ESR	94	115	"	"	"	60	23	" "	✦ 80
94-120ESR	94	120	"	"	"	60	23	" "	✦ 80
94-125ESR	94	125	"	"	"	60	23	" "	✦ 80
94-130ESR	94	130	"	"	"	60	23	" "	✦ 80
23-105ESRH	23	105	A-19	Clear	3 5/16	120	17	Headlight	✦ 60
23-110ESRH	23	110	"	"	"	120	17	"	✦ 60
23-115ESRH	23	115	"	"	"	120	17	"	✦ 60
23-120ESRH	23	120	"	"	"	120	17	"	✦ 60
23-125ESRH	23	125	"	"	"	120	17	"	✦ 60
23-130ESRH	23	130	"	"	"	120	17	"	✦ 60
36-105ESRH	36	105	"	"	"	120	17	"	✦ 60
36-110ESRH	36	110	"	"	"	120	17	"	✦ 60
36-115ESRH	36	115	"	"	"	120	17	"	✦ 60
36-120ESRH	36	120	"	"	"	120	17	"	✦ 60
36-125ESRH	36	125	"	"	"	120	17	"	✦ 60
36-130ESRH	36	130	"	"	"	120	17	"	✦ 60
56-105ESRH	56	105	P-25	"	4¾	60	13	"	✦ 85
56-110ESRH	56	110	"	"	"	60	13	"	✦ 85
56-115ESRH	56	115	"	"	"	60	13	"	✦ 85
56-120ESRH	56	120	"	"	"	60	13	"	✦ 85
56-125ESRH	56	125	"	"	"	60	13	"	✦ 85
56-130ESRH	56	130	"	"	"	60	13	"	✦ 85
94-105ESRH	94	105	"	"	"	60	13	"	✦ 1 10
94-110ESRH	94	110	"	"	"	60	13	"	✦ 1 10
94-115ESRH	94	115	"	"	"	60	13	"	✦ 1 10
94-120ESRH	94	120	"	"	"	60	13	"	✦ 1 10
94-125ESRH	94	125	"	"	"	60	13	"	1 10
94-130ESRH	94	130	"	"	"	60	13	"	✦ 1 10

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EDISON MAZDA INCANDESCENT LAMPS

Edison Lamps Sold on Contract Only. See Discount Pages 1084 and 1085.

A-17
15 Watt

A-19
25 Watts

A-21
50 Watts

A-21
60 Watts

For Train Lighting And Locomotive Headlighting Service.

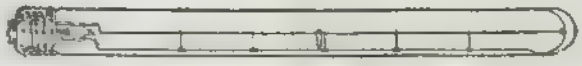
These lamps are used mostly for lighting steam trains. Each car is usually equipped with a generator attached to the axle of one of the wheels and a storage battery of either thirty to thirty-four or sixty to sixty-five volts. When the car is traveling above a certain speed the generator charges the storage battery just as on automobiles.

Nos.	Watt	Volts	Bulb	Type	Length over all Ins	Std Pkg Quan	Std Pkg Weight Lbs	Type	Each
15-32EAT	15	30-34	A-17	Inside Frosted	3 5/8	120	14 1/2	Train	✚$0 25
15-65EAT	15	60-65	"	" "	"	120	14 1/2	"	✚ 25
25-32EAT	25	30-34	A-19	" "	3 11/16	120	17	"	✚ 25
50-65EAT	50	60-65	A-21	" "	4 1/16	120	21	"	✚ 27
100-34EAT	100	30-34	A-23	" "	6 1/16	60	14	"	✚ 40
100-65EAT	100	60-65	"	" "	"	60	14	"	✚ 40
15-33ELC	15	33	S-14	Clear	3 1/8	120	13	Locomo. Cab	✚ 22
100-32ELH	100	32	P-25	"	4 3/4	60	13	Locomo. Headlight	✚1 00
250-32ELH	250	32	"	"	"	60	13	" "	✚1 60

FOR STANDARD LIGHTING CIRCUITS

T-10, 25 Watts

For show cases, show windows, art galleries desk lamps, lamps for music racks in orchestras and in banks and counting houses where trough reflectors are used along the top of cages.


T-8, 40 Watts

Nos.	Watt	Volts	Bulb	Type	Length over all Ins	Std Pkg Quan	Std Pkg Wt Lbs	Type	Each
25-110EBT	25	110	T-10	Clear	5 5/8	60	18	Tubular	$0 45
25-115EBT	25	115	"	"	"	60	18	"	45
25-120EBT	25	120	"	"	"	60	18	"	45
25-125EBT	25	125	"	"	"	60	18	"	✚ 45
40-110EBT	40	110	T-8	"	11 7/8	24	12	"	1 00
40-115EBT	40	115	"	"	"	24	12	"	1 00
40-120EBT	40	120	"	"	"	24	12	"	1 00
40-125EBT	40	125	"	"	"	24	12	"	✚ 1 00

F-Bulb

DECORATIVE

Designed for decorative use in torcheres, candelabra candle fixtures and brackets, in homes, hotels, clubs, churches, etc.

Nos.	Watt	Volts	Bulb	Type	Length over all Ins	Std Pkg Quan	Std Pkg Weight Lbs	Type	Each
15-110F10-FT	15	110	F10	Flame Tinted	3 1/4	60	8 1/2	Candelabra	$0 40
15-110F10-F	15	110	"	White Decorated	"	60	8 1/2	"	40
25-110F15-FT	25	110	F15	Flame Tinted	4 1/2	60	11	Medium	40
25-115F15-FT	25	115	F15	"	"	60	11	"	40
25-120F15-FT	25	120	F15	"	"	60	11	"	✚ 40
25-125F15-FT	25	125	F15	"	"	60	11	"	✚ 40
25-110F15-F	25	110	F15	White	"	60	11	"	40
25-115F15-F	25	115	F15	"	"	60	11	"	40
25-120F15-F	25	120	F15	"	"	60	11	"	✚ 40
25-125F15-F	25	125	F15	"	"	60	11	"	✚ 40

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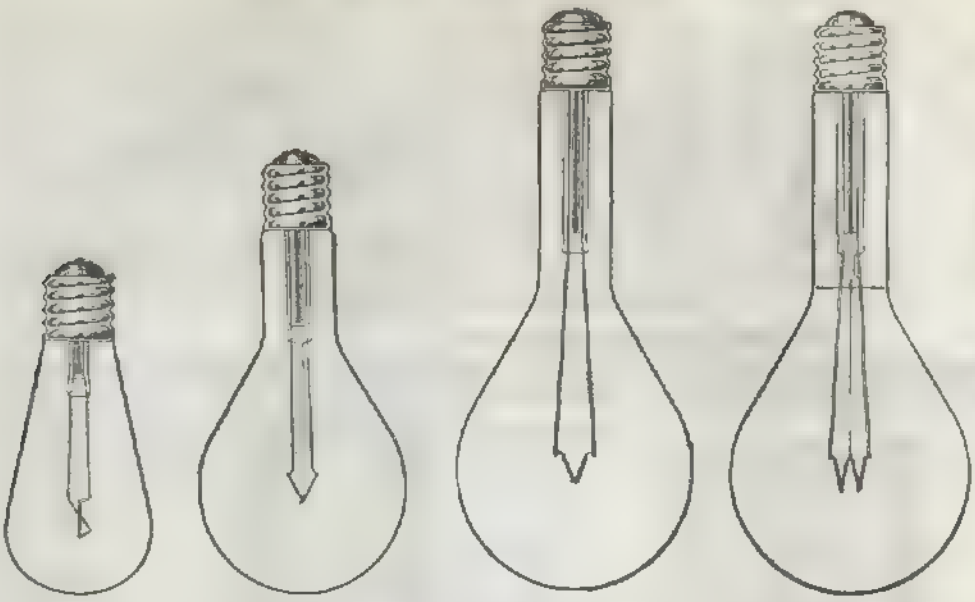
EDISON MAZDA INCANDESCENT LAMPS

"MAZDA C" STREET SERIES



S-Bulb. 2500 Lumens 4000 and 6000 Lumens 10000 and 15000 Lumens

"MAZDA C" STREET SERIES

Owing to the high amperage, low voltage and consequently shorter, thicker and more rugged filament, these lamps have an average life of 1300 hours.

Note: In ordering be sure to specify the Lumens and Amperes.

Because of the high amperage of these lamps they can be manufactured only with the large mogul screw base.

Edison Lamps Sold on Contract Only. See Discount Pages 1084 and 1085.

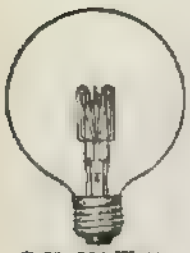
Nos.	Lumens	Amp	Bulb	Type	Length over all Ins	Std Pkg Quan	Std Pkg Wt Lbs	Type	Each
600-4ECSS	600	4	S-24½	Clear	7⅛	60	22	St. Sr	+$0 85
600-5.5ECSS	600	5.5	"	"	"	60	22	" "	+ 85
600-6.6ECSS	600	6.6	"	"	"	60	22	" "	85
600-7.5ECSS	600	7.5	"	"	"	60	22	" "	+ 85
800-4ECSS	800	4	"	"	"	60	22	" "	+ 85
800-5.5ECSS	800	5.5	"	"	"	60	22	" "	+ 85
800-6.6ECSS	800	6.6	"	"	"	60	22	" "	85
800-7.5ECSS	800	7.5	"	"	"	60	22	" "	+ 85
1000-4ECSS	1000	4	"	"	"	60	22	" "	+ 85
1000-5.5ECSS	1000	5.5	"	"	"	60	22	" "	+ 85
1000-6.6ECSS	1000	6.6	"	"	"	60	22	" "	85
1000-7.5ECSS	1000	7.5	"	"	"	30	22	" "	+ 85
2500-4ECSS	2500	4	PS-35	"	9 1/16	24	20	" "	+ 1 60
2500-5.5ECSS	2500	5.5	"	"	"	24	20	" "	+ 1 60
2500-6.6ECSS	2500	6.6	"	"	"	24	20	" "	1 60
2500-7.5ECSS	2500	7.5	"	"	"	24	20	" "	+ 1 60
4000-4ECSS	4000	4	"	"	"	24	20	" "	+ 1 90
4000-5.5ECSS	4000	5.5	"	"	"	24	20	" "	+ 1 90
4000-6.6ECSS	4000	6.6	"	"	"	24	20	" "	+ 1 90
4000-7.5ECSS	4000	7.5	"	"	"	24	20	" "	+ 1 90
4000-15ECSS	4000	15	PS-40	"	9 13/16	12	20	" "	+ 1 90
6000-6.6ECSS	6000	6.6	"	"	"	12	20	" "	+ 2 50
6000-7.5ECSS	6000	7.5	"	"	"	8	20	" "	+ 2 50
6000-20ECSS	6000	20	"	"	"	12	20	" "	+ 2 50
10000-20ECSS	10000	20	"	"	"	12	20	" "	+ 3 10
15000-20ECSS	15000	20	"	"	"	12	20	" "	+ 4 50
25000-20ECSS	20000	20	"	"	"	12	20	" "	+ 7 00

+F. O. B. Ohio or New Jersey Factories Only.

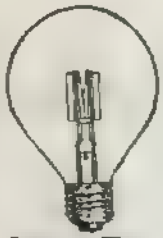
D 5

EDISON MAZDA INCANDESCENT LAMPS—"MAZDA C" Spotlight And Stereopticon.

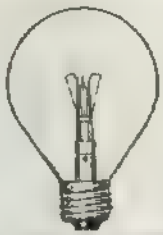
Edison Lamps Sold on Contract Only. See Discount Pages 1084 and 1085.



G-30, 500 Watts



P-25, 100 Watts



G-30, 250 and 400 Watts

Round type. Formerly the magic lantern was a source of constant danger because one could never tell when the child operating it would set something on fire from the coal oil wick. The magic lantern equipped with the 100 watt concentrated filament mazda "B" Lamp may be left in the hands of child with the same safty as a desk lamp. Until recently the small moving picture machine, such as used in schools and at church socials, had to have an expert too perate and adjust the carbons of the arc light, but now such a machine, fitted with a 100 watt Mazda "B" or a 250 watt Mazda "C" Stereopticon lamp can be operated by anybody and will give a steadier light than the arc and without the hissing sound.

The 500 and 1000 watt Stereopticon Lamps are used in the larger private moving picture machines. Also for throwing the border light in the largest and most up to date movie theatres. The Stereopticon lamp has an average life of 300 hours.

FLOOD LIGHTING ROUND T

These lamps are used in projection for lighting the front of buildings. They are much cheaper and more efficient than the old way of outlining with small lamps. These lamps have an average life of 1000 hours.

Nos.	Watt	Volts	Bulb	Type	Length over all Ins	Std Pkg Quan	Std Pkg Weight Lbs	Type	Each
100-110ECS	100	110	P-25	Clear	4 3/4	60	19	Spot	✚$1 00
100-115ECS	100	115	"	"	"	60	19	"	✚ 1 00
100-120ECS	100	120	"	"	"	60	19	"	✚ 1 00
100-125ECS	100	125	"	"	"	60	19	"	✚ 1 00
250-110ECS	250	110	G-30	"	5 1/8	24	12	"	1 75
250-115ECS	250	115	"	"	"	24	12	"	✚ 1 75
250-120ECS	250	120	"	"	"	24	12	"	✚ 1 75
250-125ECS	250	125	"	"	"	24	12	"	✚ 1 75
250-110ECFL	250	110	"	"	"	24	12	Flood light	1 75
250-115ECFL	250	115	"	"	"	24	12	"	✚ 1 75
250-120ECFL	250	120	"	"	"	24	12	"	✚ 1 75
250-125ECFL	250	125	"	"	"	24	12	"	✚ 1 75
400-110ECS	400	110	"	"	"	24	12	Spotlight	✚ 3 00
400-115ECS	400	115	"	"	"	24	12	"	✚ 3 00
400-120ECS	400	120	"	"	"	24	12	"	✚ 3 00
400-125ECS	400	125	"	"	"	24	12	"	✚ 3 00
500-110ECFL	500	110	G-40	"	7 7/16	12	12	Flood light	3 25
500-115ECFL	500	115	"	"	"	12	12	" "	✚ 3 25
500-120ECFL	500	120	"	"	"	12	12	" "	✚ 3 25
500-125ECFL	500	125	"	"	"	12	12	" "	✚ 3 25

T-20 500 Watts

T-20 1000 Watts

For Motion Picture Projection.

Used in small portable projections of stereopticon lanterns where a concentrated light source is necessary in connection with the lens systems employed. Tubular bulb lamps permit more efficient utilization of light as the lens equipment can be placed closer to light source and therefore should be used whenever possible in preference to round bulb lamps.

Tubular bulb lamps should be burned vertically, tip up and should never be lighted when in any other position.

Can be supplied, fitted with skirted medium screw base, giving a light center length of 3 7/8 inches and a maximum over all length of 6 3/8 inches, without extra charge.

Nos.	Watt	Volts	Bulb	Type	Length over all Ins	Std Pkg Quan	Std Pkg Weight Lbs	Type	Each
500-110ECMP	500	110	T-20	"	9 1/16	6	15	"	$3 00
500-115ECMP	500	115	"	"	"	6	15	"	✚ 3 00
500-120ECMP	500	120	"	"	"	6	15	"	✚ 3 00
500-125ECMP	500	125	"	"	"	6	15	"	✚ 3 00
1000-110ECMP	1000	110	"	"	"	6	15	"	6 50
1000-115ECMP	1000	115	"	"	"	6	15	"	6 50
1000-120ECMP	1000	120	"	"	"	6	15	"	6 50
1000-125ECMP	1000	125	"	"	"	6	16	"	✚ 6 50

✚F. O. B. Ohio or New Jersey Factories Only.

LAWN MOWERS

Our Monarch, Wizard, Elm Park Special and Magic mowers are manufactured by the Worcester Lawn Mower Co. The fact that practically all parts are made in their own factory under the direct supervision of men long experienced in the manufacture of lawn mowers coupled with the use of only the best materials obtainable insures a product hard to equal. Every mower absolutely guaranteed to give satisfaction.

Four tempered tool steel blades; 5½ inch ball bearing cylinder; patent cone adjustment; cones hardened and ground and cannot work loose; 1⅛ inch diameter ball races; ¼ inch tool steel ball bearings; rocker adjusted cutter bar; lipped self-sharpening underknife of high carbon crucible steel; rigid construction throughout and finished in attractive colors. These are practical mowers for the average home owner and being very capable and strongly built will give entire satisfaction on any lawn.

MONARCH, BALL BEARING

With 8 Inch Drive Wheels.

Width of cut, inches	14	16	18
Wt. boxed inc. handle, lbs.	42	44	47
Each	$11 00	12 00	13 00

WIZARD, BALL BEARING

With 9 Inch Drive Wheels.

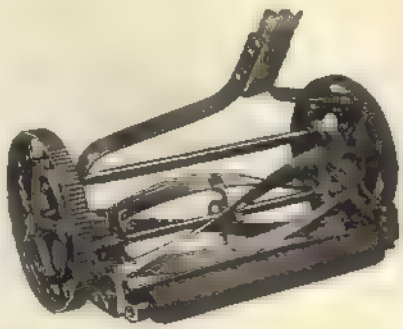
Width of cut, inches	14	16	18
Wt. boxed inc. handle, lbs.	50	52	55
Each	$12 00	13 00	14 00

Same construction as the Monarch and Wizard lawn mowers but with larger drive wheels. An exceptionally popular ball bearing mower for all lawn conditions. The Elm Park is a thoroughly high grade mower capable of very fine work, and will give long and satisfactory service

ELM PARK, BALL BEARING

With 10 Inch Drive Wheels.

Width of cut, inches	14	16	18
Wt. boxed inc. handle, lbs.	58	60	63
Each	$14 00	15 00	16 00



Four tempered blades of special alloy steel; 5½ inch ball bearing cylinder; patent cone adjustment; cones hardened and ground and cannot work loose; 1⅛ inch diameter ball races; ¼ inch tool steel ball bearings; rocker adjusted cutter bar; lipped self-sharpening underknife of high carbon steel, hardened and carefully tempered; open pattern drive wheels; frame held in perfect alignment by scientific construction design; finished in attractive colors. A light weight, easy running, dependable and satisfactory ball bearing mower at a very low price.

SPECIAL NO. 8-4

With 8 Inch Drive Wheels.

Width of cut, ins.	14	16
Wt boxed, inc. handle, lbs.	38	40
Each	$10 50	11 50

SPECIAL NO. 10-4

With 10 Inch Drive Wheels.

Width of cut, in.	14	16	18
Wt. boxed, inc. handle, lbs.	52	54	57
Each	$11 50	12 50	13 50

Three tempered tool steel blades; 5½ inch plain bearing cylinder; adjustable plain bearing; rocker adjusted cutter bar; underknife nicely tempered. An excellent mower for the price.

MAGIC PLAIN BEARING

With 8 Inch Drive Wheels

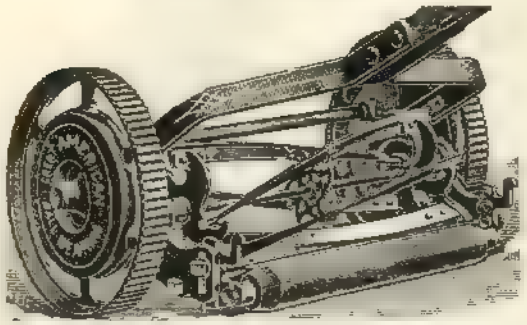
Width of cut, inches	12	14	16
Wt. boxed, inc. handle, lbs.	35	36	37
Each	$8 00	9 00	10 00

All above, one in a box, handle separate.

PENNSYLVANIA QUALITY LAWN MOWERS AND TRIMMERS

Our Great American, Super Great American and Wm Penn mowers and Pennsylvania trimmers are made by the Pennsylvania Lawn Mower Works. The highest grade of materials are used throughout and all have the adjustable "Staytite" handle which is the mark of quality and identifies all Pennsylvania Quality Mowers. These mowers cost more than ordinary lawn mowers but the service they give ultimately makes them cheaper. All are fully guaranteed.

LAWN MOWERS



GREAT AMERICAN, BALL BEARING

10 Inch, High Drive Wheels.

Five crucible tool steel blades, hardened and tempered; 6 in. ball bearing cylinder; Braun self aligning ball bearings, hardened cups and cones, eccentric screw adjustment; 10 in. solid center wheels; malleable and cast parts, machined in jigs; rocker adjusted cutter bar; self sharpening, raised edge crucible tool steel bottom knife, hardened and tempered; color, aluminum painted frame, gold painted wheels and gold and red striping. The best all-around mower of its type made.

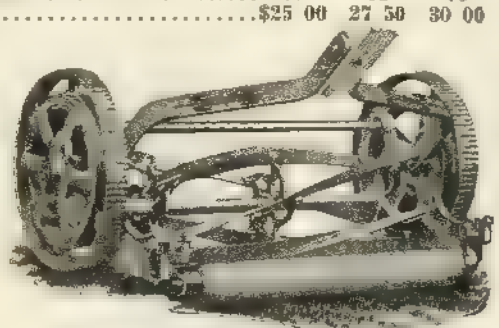
Width of cut, inches.....	15	17	19	21
Wt. boxed inc. handle, lbs.....	67	69	73	76
Each $22 50	25 00	27 50	30 00	

SUPER GREAT AMERICAN

10 Inch, Ball Bearing, High Drive Wheels.

The Super Great American Mower contains all of the features of the Great American and in addition has two sets of Braun ball bearings in each wheel and the wheels have double spokes. This mower is recommended for gardener's use, as well as for the household lawn.

Width of cut, inches.....	15	17	19	21
Wt. boxed inc. handle, lbs.....	69	71	75	78
Each $25 00	27 50	30 00	32 50	



WM. PENN, BALL BEARING

10 Inch, High Drive Wheels.

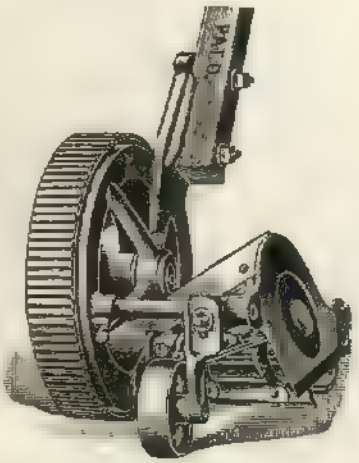
Five crucible tool steel blades, hardened and tempered. 5½ inch ball bearing cylinder; Braun self aligning ball bearings, hardened cups and cones, eccentric screw adjustment; 10 in. open center wheels; rocker adjusted cutter bar; spring steel, hardened and tempered bottom knife; finished in attractive colors. A sturdily constructed, popular, smooth cutting household mower.

Width of cut, inches	16
Wt. boxed inc. handle, lbs	50
Each $17 50	

LAWN TRIMMERS

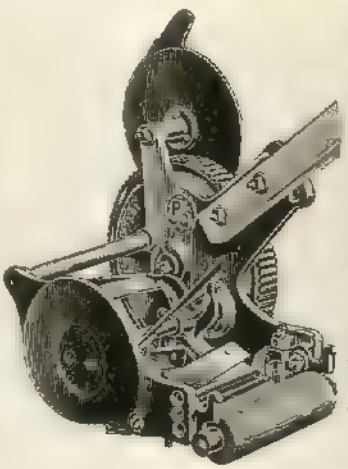
PENNSYLVANIA BALL BEARING

The unique construction of this undercutting trimmer permits cutting, not only close up to a wall, fence, tree, etc., but it will get the grass under a fence or rock-cut base of tomb stones, house foundations and other places hitherto out of reach of anything but a hand shear or grass-hook. The special design slanting side plate and conical shaped cylinder of this trimmer makes it possible to cut all grass left along walls, fences, foundations, etc., by the regular style of lawn mower.



Width of cut, 5½ inches; 9½ inch drive wheel; four blade ball bearing cylinder, adjustable "Staytite" handle. Made throughout of the same high quality materials as the Great American lawn mower and finished in attractive colors. Net weight, including handle, 25 lbs. Shipping wt. 34 lbs.

Pennsylvania Undercut Trimmer. .....Each $16 00



A new lawn accessory that saves time and labor. With this machine, which consists of a lawn trimmer equipped with a steel disc and a small plow, you can trim the overhanging grass along the edge of the paths and flower beds. Any gardner will find this Pennsylvania combined lawn trimmer and edger to be one of his most useful labor-saving tools. It will cut to within ⅜ of an inch of any wall and relieve him of the back-breaking work of using hand tools.

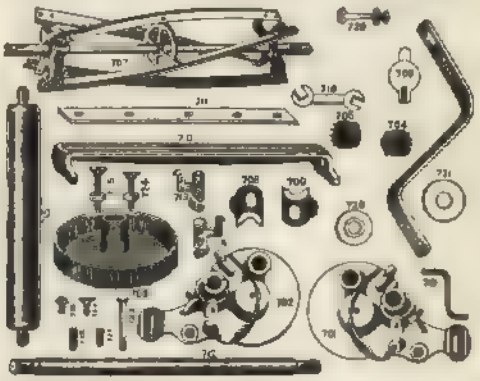
Width of cut, 8 inches; wheel, 8 inch diameter; 5½ inch four-blade ball bearing cylinder; adjustable "Staytite" handle. Made throughout of the same high quality materials as the Great American lawn mower and finished in attractive colors. Net weight including handle, 22 lbs. Shipping Wt. 31 lbs.

Pennsylvania Trimmer and Edger. .....Each $14 00

All above, one in a box, handle separate.

LAWN MOWER PARTS

FOR STYLE "K" GREAT AMERICAN



For 3 Knife Solid and 4 Knife O pen Cylinder. 14, 16 and 18 Inches.

The right or left side of a mower is determined by standing in back of it, in position to push. Each part is numbered, and wherever possible, the number has been cast on it. Where the number is not shown on the part, it may be identified by consulting the list and diagram.

In ordering parts always give the number and description of the part wanted together with the name, size of machine and numbers cast on side plates.

New No	Old No.	Article	Weight	Each
	701	Left Hand Side Plate...	3½ lbs.	$2 50
	702	Right Hand Side Plate..	3½ lbs.	2 50
	703	Driving Wheels, both alike, each	3¾ lbs.	2 00
	704	Left Hand Pinion, 14 Cogs	6 ozs	50
	705	Right Hand Pinion, 14 Cogs	6 ozs.	50
	706	Pawls, both alike, each.	6 ozs.	10
	*707	Cylinder, complete (state if solid 3 knives or open 4 Knives), 14 in.....	5¼ lbs.	6 00
		Cylinder, complete (state if solid 3 knives or open 4 Knives), 16 in.....	5¾ lbs.	7 00
		Cylinder, complete (state if solid 3 knives or open 4 Knives), 18 in.....	6½ lbs.	8 00
	708	Left Hand Cylinder Cap	3 ozs.	50
	709	Right Hand Cylinder Cap	3 ozs.	50
	710	Cast Back for Stationary Knife, 14 in.....	2¾ lbs.	1 50
		Cast Back for Stationary Knife, 16 in.....	3¼ lbs.	1 70
		Cast Back for Stationary Knife, 18 in.....	3¾ lbs	1 90
	711	Steel Stationary Blade, 14 in.	7 ozs.	70
		Steel Stationary Blade, 16 in.	8 ozs.	80
		Steel Stationary Blade, 18 in.	10 ozs.	90
	*712	Shaft for frame, 14 in...	2 lbs.	70
		Shaft for frame, 16 in...	2¼ lbs.	80
		Shaft for frame, 18 in...	2½ lbs.	90
118	713	Left Hand Roller Bracket	7 ozs.	30
119	714	Right Hand Roller Bracket	7 ozs.	30
1221	715	Wood Roller, 14 in.....	1¼ lbs.	90
		Wood Roller, 16 in.....	1½ lbs.	1 00
		Wood Roller, 18 in.....	1¾ lbs.	1 10
	*716	Hand Brace, both alike, 14 in., each.....	1 lb.	45
		Handle Brace, both alike, 16 in., each.....	1¼ lbs.	55

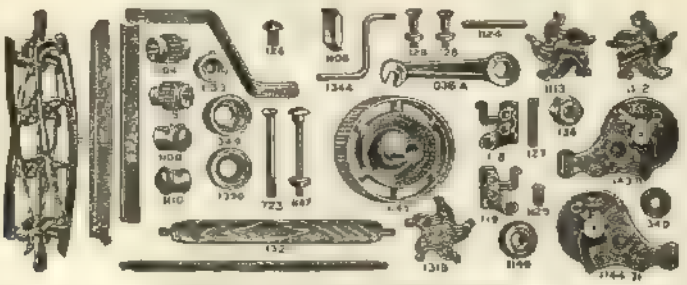
*Not carried in stock.

New No.	Old No.	Article	Weight	Each
	*716	Handle Brace, both alike, 18 in., each.....	1¼ lbs.	$0 65
	717	Wood Handle	2¼ lbs.	1 50
1418	*718	Wrench	4 ozs.	20
1133	720	Cast Inside Washers for Dead Knife, both alike, each	1 oz.	05
	721	Cast Washers for Pinion	1 oz.	05
1338	721½	Cast Washers for Wheel.	1 oz.	05
	722	Machine Screws for end of Cylinder, both alike, each 5/16x⅝	1 oz.	05
	723	Machine Screws for end of Driving Wheel, 3x5/16.	2 ozs.	05
129	724	Bolts for Dead Knife, both alike, each, ¼x1⅜	1 oz.	05
128	725	Bolts for Roller Bracket, both alike, each ¼x1¼	1 oz.	05
126	726	Machine Screw for Dead Knife, ¼x½, Round Head	1 oz.	05
1030	727	Set Screw for Adjusting Cylinder Cap, both alike, each 5/16x⅞....	1 oz.	05
127	728	Set Screw for Adjusting Dead Knife, both alike, each 5/16x1 3/16.....	1 oz.	05
131	*729	Bolts for Wood Handle, both alike, each ¼x2½	1 oz.	05
	730	Spiral Knife for Cylinder (State if open or solid), 14 in.....	12 ozs.	80
		Spiral Knife for Cylinder (state if open or solid), 16 in.....	14 ozs.	90
		Spiral Knife for Cylinder (state if open or solid), 18 in.....	1 lb.	1 00
B1432	*731	Cylinder Rings	5 ozs.	60
	*732	Cylinder Ends (state if Right or Left).....	1¼ lbs.	1 20
137	*733	Roller Pins, each.....	2 ozs.	15
142	*734	Rivets for Cylinder Knives, ¼x9/16	1 oz.	05

*Not carried in stock.

LAWN MOWER PARTS

FOR GREAT AMERICAN BALL BEARING VARIOUS MODELS PRIOR TO 1927.



For 15, 17, 19 and 21 Inch Mowers.

The right or left side of a mower is determined by standing in back of it, in position to push. Each part is numbered, and wherever possible, the number has been cast on it. Where the number is not shown on the part, it may be identified by consulting the list and diagram.

In ordering parts always give the number and description of the part wanted together with the name, size of machine and numbers cast on side plates.

New No.	Old No.	Article	Weight	Each
1101-42	1143-71	Left Hand Side Plate, with Cup	4 lbs	$3 00
1102-42	1144-71	Right Hand Side Plate, with Cup	4 lbs	3 00
1145	1145	Driving Wheel (both alike)	7 lbs	3 00
1104	1104	Left Hand Pinion, 13/16 Hole, 13 Cogs	4 ozs.	50
1105	1105	Right Hand Pinion, 13/16 Hole, 13 Cogs	4 ozs.	50
1106	1106	Steel Pawl (both alike)	1 oz.	10
1349	1349	Ball Cup alike, without Balls	3 ozs.	40
1350	1350	Dust Cap for Ball Cup	1 oz.	20
B1522	1109	Left Hand Cone	4 ozs.	60
B1523	1110	Right Hand Cone	4 ozs.	60
1111-42	1111	Cylinder, complete, 15 in.	7 lbs.	8 00
		Cylinder, complete, 17 in.	7¾ lbs.	9 00
		Cylinder, complete, 19 in	8½ lbs.	10 00
		Cylinder, complete, 21 in	9 lbs	11 00
*1316A	*1112	Left .. Hand .. Cylinder Head	1¼ lbs	2 00
*1317A	*1113	Right Hand Cylinder Head	1¼ lbs	2 00
*1318	*1318	Cylinder Ring	8 ozs.	90
*1115	*1115	Cylinder Knife, 15 in.	9 ozs	1 00
		Cylinder Knife, 17 in.	10 ozs	1 10
		Cylinder Knife, 19 in.	12 ozs.	1 20
		Cylinder Knife, 21 in.	15 ozs.	1 30
1312	1116	Cast Back for Stationary Knife, 15 in.	3¾ lbs.	1 75
		Cast Back for Stationary Knife, 17 in.	4 lbs.	2 00
		Cast Back for Sationary Knife 19 in.	4½ lbs	2 25
		Cast Back for Stationary Knife, 21 in.	5¼ lbs	2 50
1313	1313	Steel Stationary Blade, 15 in.	1 lb.	1 25
		Steel Stationary Blade, 17 in	1¼ lbs.	1 35
		Steel Stationary Blade, 19 in.	1½ lbs.	1 50
		Steel Stationary Blade, 21 in.	1¾ lbs.	1 70
*1314	*1314	Shaft for Frame, 15 in.	2 lbs.	1 90
		Shaft for Frame, 17 in.	2¼ lbs.	1 10
		Shaft for Frame, 19 in.	2¾ lbs.	1 20
		Shaft for Frame, 21 in.	3 lbs	1 30

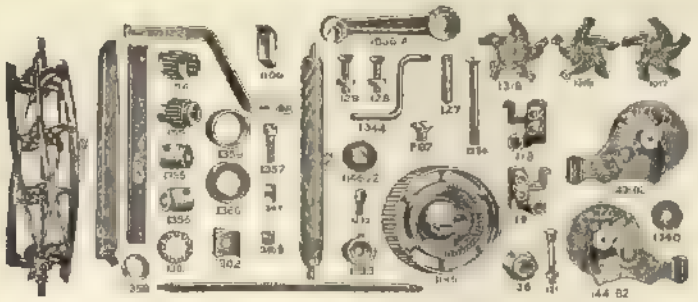
*Not carried in stock.

New No.	Old No	Article	Weight	Each
1321	1321	Wood Roller 15 in., 13¾ in.	1¼ lbs.	90
		Wood Roller, 17 in. 15¾ in.	1½ lbs.	1 00
		Wood Roller, 19 in., 17¾ in.	1¾ lbs.	1 10
		Wood Roller, 21 in., 19¾ in.	2 lbs	1 20
118	118	Left Hand Roller Bracket	7 ozs	30
119	119	Right Hand Roller Bracket	7 ozs.	30
*1122	*1122	Handle Brace, 15 in.	1⅝ lbs	50
		Handle Brace, 17 in	1¼ lbs	60
		Handle Brace, 19 in.	1½1 bs	70
		Handle Brace, 21 in.	1¾ lbs	80
1123	-1123	Wood Handle	3¼ lbs.	1 50
127	127	Set Screw for Regulating Cast Back, 21/64x1¼	1 oz.	05
126	126	Machine Screw for Stationary Knife Blades, ¼x⅝	1 oz.	05
131	131	Bolt for Wood Handle, ¼x2¾	2 ozs.	05
128	128	Bolt for Roller Bracket and Cast Back, ¼x1¼	1 oz.	05
*1133	*1133	Washer for Cast Back, ¼	1 oz.	05
1340	1340	Washer for Roller Bracket Bolt, ¼	1 oz.	05
*136	*136	Nut for End of Shaft, Hexagon	1 oz.	05
1036A	1036A	Wrench	6 ozs	40
1344	1344	Sharpening Crank	4 ozs.	20
1351	1351	Balls, complete Set for one Cup, with Retainer	2 ozs.	40
*1353	*1353	Rivets for Cylinder Knives, 9/16x13/64	1 oz	05
*137	*137	Roller Pins	2 ozs.	15
*1141-42	*1141	Shaft . for . Cylinders, 15 in	8 ozs	60
		Shaft for Cylinders, 17 in.	12 ozs	70
		Shaft for Cylinders, 19 in.	14 ozs	80
		Shaft for Cylinders, 21 in.	1 lb.	90
1146-71	-1146	Washer for Wheel, 1145.	1 oz.	05
1147	1147	Bolt for Wheel, 1145, ¼x3¼	2 ozs.	10
*145	*145	Handle Clamps, each.	7 ozs.	20
*146	*146	Bolt for Handle Clamps, ¼x⅞	1 oz	05

*Not carried in stock.

LAWN MOWER PARTS

FOR GREAT AMERICAN BALL BEARING



PRESENT STYLE WITH BRAUN BEARINGS

The right or left side of a mower is determined by standing in back of it, in position to push. Each part is numbered, and wherever possible, the number has been cast on it. Where the number is not shown on the part, it may be identified by consulting the list and diagram.

In ordering parts always give the number and description of the part wanted together with the name, size of machine and numbers cast on side plates.

For 15, 17, 19 and 21 Inch Mowers.

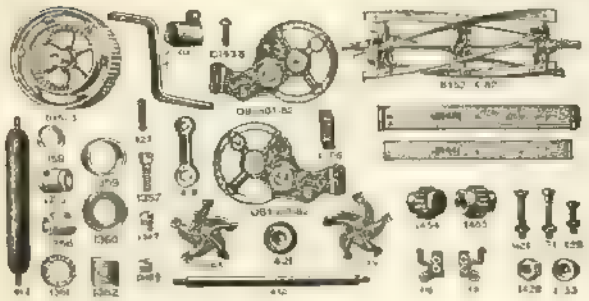
No.	Article	Weight	Each
1143-82	Left Hand Side Plate, with Cup	1 lbs.	$3 00
1144-82	Right Hand Side Plate, with Cup	4 lbs.	3 00
1145	Driving Wheel (both alike) ...	7 lbs.	3 00
1154	L. H. Pinion, ⅝ Hole, 13 Cogs, 1½ long	4 ozs.	50
1155	R. H. Pinion, ⅝ Hole, 13 Cogs, 1½ long	4 ozs.	50
1106	Steel Pawl (both alike) ⅜ wide	1 ozs.	10
1355	Left Cone, 1¼ in. long	5 ozs.	60
1356	Right Cone, 1¼ in. long	5 ozs.	60
1357	Lock Screw (for adjusting Left Cone, ¼ in—20; ⅜ in. long under fillister head)	1 oz.	10
1347	Eccentric Screw for adjusting cone, 7/16x9/16	1 oz.	20
1358	Lock Washer	1 oz.	05
1359	Ball Cup (without balls), spherical	2 ozs.	40
1360	Dust Cap for Cup	1 oz.	20
1361	Ball Retainer with 10 balls—¼ in.	2 ozs.	40
1362	Lock Pad (⅝ in square).....	1 oz.	10
1348⅝	Lock Screw (for stationary cone ⅝x7/16 cup point)	1 oz.	10
*1111-82	Cylinder, complete, 15 in.	7 lbs.	8 00
	Cylinder, complete 17 in.	7¾ lbs.	9 00
	Cylinder, complete, 19 in.	8½ lbs.	10 00
	Cylinder, complete 21 in.	9 lbs.	11 00
*X1316	Left Hand Cylinder Head	1¼ lbs.	2 00
*X1317	Right Hand Cylinder Head ...	1¼ lbs.	2 00
1318	Cylinder Ring	8 ozs.	90
1115	Cylinder Knife, 15 in.	9 ozs.	1 00
	Cylinder Knife, 17 in.	10 ozs.	1 10
	Cylinder Knife, 19 in.	12 ozs.	1 20
	Cylinder Knife, 21 in.	15 ozs.	1 38
1116	Cast Back for Stationary Knife, 15 in.	3½ lbs.	1 75
	Cast Back for Stationary Knife 17 in	4 lbs.	2 00
	Cast Back for Stationary Knife, 19 in.	4½ lbs.	2 25
	Cast Back for Stationary Knife, 21 in.	5¼ lbs.	2 50
1313	Steel Stationary Blade, 15 in. state if countersunk or flat hole	1 lb.	1 25
	Steel Stationary Blade, 17 in. state if countersunk or flat hole	1¼ lb.	1 25
	Steel Stationary Blade, 19 in. state if countersunk or flat hole	1½ lb.	1 50
1313	Steel Stationary Blade, 21 in. state if countersunk or flat hole	1¾ lb.	$1 70
*1118	Shaft for Frame, 15 in. (16¼ in.)	2 lbs.	80
	Shaft for Frame, 17 in. (18¼ in.)	2¼ lbs.	90
	Shaft for Frame, 19 in. (20¼ in.)	2¾ lbs.	1 00
	Shaft for Frame, 21 in. (22¼ in.)	3 lbs.	1 10
1321	Wood Roller, 15 in. (13½ in.)	3 lbs.	1 00
	Wood Roller, 17 in. (15½ in.)	1½ lbs.	1 10
	Wood Roller, 19 in. (17½ in.)	1⅝ lbs.	1 20
	Wood Roller, 21 in. (19½ in.)	2 lbs.	1 30
118	Left Hand Roller Bracket	7.. ozs.	30
119	Right Hand Roller Bracket	7 ozs.	30
*1122	Handle Brace, 15 in.	1½ lbs.	50
	Handle Brace, 17 in.	1¼ lbs.	60
	Handle Brace, 19 in.	1½ lbs.	70
	Handle Brace, 21 in.	1¾ lbs.	80
1123	Wood Handle with Steel Clamp	3 ¼ lbs.	1 50
127	Set Screw for Regulating Cast Back, 5/16 x 1¼	1 oz.	05
P87	Machine Screw for Stationary Knife Blade ¼ x ⅜	1 oz.	05
131	Bolt for Wood Handle, 5/16x2½	2 ozs.	05
*29	Bolt for Cast Back, ¼ x 1⅜ ...	1 oz.	05
128	Bolt for Roller Bracket, ¼x1¼	1 oz	05
1334	Machine Screw for Wheel, 5/16 x 3¼	2 ozs.	10
*1133	Washer for Cast Back, ⅛	1 oz.	05
1340	Washer for Roller Bracket Bolt and Handle, ¼	1 oz.	05
*136	Nut for End of Shaft, Hexagon	1 oz.	05
1036A	Wrench	6 ozs.	40
1344	Sharpening Crank	4 ozs.	20
*1353	Rivets for Cylinder Knives, 9/16 x 13/64	1 oz.	05
*137	Roller Pins, each	2 ozs.	15
*1141-82	Shaft for Cylinders, 15 in. (19¼ in.	1¾ lbs.	70
	Shaft for Cylinders 17 in. (21¾ in.	2 lbs.	80
	Shaft for Cylinders, 19 in. (23¾ in.	2¼ lbs.	90
	Shaft for Cylinders, 21 in. (25¾ in.	2½ lbs.	1 00
1146-72	Wheel Washer for side plates..	1 oz.	05
*1332	Set Screw for fastening cylinder head to shaft sq. hd., 5/16x½	1 oz.	05
*1044	Oil Cup	1 oz.	20
*145	Steel Handle Clamps, each	7 ozs.	20
*146	Bolt for Handle Clamps, ¼x⅞	1 oz.	05

*Not carried in stock.

*Not carried in stock.

LAWN MOWER PARTS

FOR WM. PENN BALL BEARING



PRESENT STYLE WITH BRAUN BEARINGS

For 16 Inch Mower.

The right or left side of a mower is determined by standing in back of it, in position to push. Each part is numbered, and wherever possible, the number has been cast on it. Where the number is not shown on the part, it may be identified by consulting the list and diagram.

In ordering parts always give the number and description of the part wanted together with the name, size of machine and numbers cast on side plates

No.	Article	Weight	Each
OB 1501-82	Left Hand Side Plate with Ball Cup	31¼ lbs.	$2 50
OB 1502-82	Right Hand Side Plate with Ball Cup	31¼ lbs.	2 50
OB1503	Driving Wheel, both alike, 10 in.	6¼ lbs.	2 50
O1490	Driving Wheel, 9-inch	5½ lbs.	2 25
1454	Left Hand Pinion, 13 cogs, ⅜ hole	4 ozs.	50
1455	Right Hand Pinion 13 cogs ⅜ hole	4 ozs.	50
1106	Pawl, both alike, each ⅜ in. wide	1 oz.	10
*B1527 -82	Cylinder complete 5 knives, 16 in.	7 lbs.	8 50
*B1482	Steel Shaft for Cylinder 16 in.	1¾ lbs	60
*1216X	Right Hand Cylinder Head, 5 Wing	1¾ lbs	1 75
*1217X	Left Hand Cylinder Head, 5 Wing	1¾ lbs.	1 75
1410	Stationary Knife, complete, 16 in.	2¾ lbs.	1 60
1411	Steel Stationary Blade, 16 in.	9 ozs.	80
*1412	Shaft for Frame, 16 in. (16½ in.)	1½ lbs.	70
1413	Wood Roller, 16 in. (14 in.	1¼ lbs.	1 00
118	Left Hand Roller Bracket	7 ozs.	30
119	Right Hand Roller Bracket	7 ozs.	30
*1416	Handle Braces, each 16 in.	1 lb	55
1417	Wood Handle, Steel Clamp	2½ lbs.	1 50
1418	Wrench	4 ozs.	20
127	Set Screws for Adjusting Dead Knife, 21/64 x 1¼	1 oz.	05
1340	Washer for Roller Bracket and Handle	1 oz.	$0 05
1146-72	Washer for Wheel	1 oz.	05

No.	Article	Weight	Each
*W1424	Bolt for Wheel Bearing, 5/16 x 2¾	2 oz.	05
128	Bolt for Roller Bracket and Dead Knife, ⅛ x 1¼	1 oz.	05
131	Bolt for Handle, 5/16 x 2½	2 ozs.	05
*B1527	Cylinder Knives, each, 16 in.	12 ozs.	90
*1428	Hexagon Nut on Shaft	1 oz.	05
*137	Roller Pin.	2 ozs.	15
*1353	Rivets for Cylinder Knives, 9/16 x 13/64	1 oz.	05
*1430	Rivets for Dead Knife Blade, ⅛ x 13/64	1 oz.	05
*1218X	Cylinder Ring, 5 Wing	5 ozs.	60
1355	Left Cone—1¼ in. long	5 ozs.	60
1356	Right Cone—1¼ in. long	5 ozs	60
*1357	Lock Screw (for adjusting Left Cone ¼ in.—20; ⅞ in. long under fillister head	1 oz.	10
*1347	Eccentric Screw for adjusting cone 7/16 in. x ½ in.	1 oz	20
*1358	Lock Washer	1 oz	05
1359	Ball Cup (without balls), spherical	2 ozs.	40
1360	Dust Cap for Cup	1 oz.	20
1361	Ball Retainer with 10 balls—¼ in.	2 ozs.	40
1362	Lock Pad (⅝ in. square)	1 oz.	10
*1348⅜	Lock Screw (for stationary cone, ⅜ in x 7/16 in. cup point)	1 oz	10
*OX	Shield for Cap for Pinion	4 ozs.	20
*203	Machine Screw to Fasten Shield, ¼ x ⅜	1 oz.	05
*145	Steel Handle Clamps, each	7 ozs.	20
*146	Bolt for Handle Clamps, ¼ x ¾	1 oz.	05
*1332	Sq Head Set Screw, fasten Cyl. Head to Shaft, 5/16 x ½	1 oz.	05
*1133	Washer for Cast Back	1 oz.	05
*1044	Oil Cup	1 oz.	20

FOR MOWERS MADE PRIOR TO 1928

No.	Article	Weight	Each
OB1501	Left Hand Side Plate	31¼ lbs.	$2 50
OB1502	Right Hand Side Plate	31¼ lbs.	2 50
O1404	L H Pinion, 13 16 hole 12 cogs	4 ozs	50
O1405	R H Pinion, 13 16 hole, 13 cogs	4 ozs.	50
1406	Pawl, 5 16 in. wide	1 oz	10
*1424	Wheel Bolt, ¼ x 2¾	1 oz	05
*B2507	Cylinder 5-knife, 16 inch B1527X-82	7 lbs.	8 50

*Not carried in stock.

No.	Article	Weight	Each
*2508	Left Hand Cylinder Head, 5 wings	1¾ lbs	$1 75
*2509	Right Hand Cylinder Head, 5 wings	1¾ lbs	1 75
1421	Wheel Washer for ¼ in. bolt	1 lb	05
B1522	Left Hand Cone, 1⅛ in. long	4 ozs	60
B1523	Right Hand Cone, 1⅛ in long	4 ozs	60
*1348	Lock Screw for Cone, 5/16 x ½	1 oz.	10
1349	Ball Cup, square edge	2 ozs.	40
1351	Retainer, with 8 balls	2 ozs.	40

*Not carried in stock.

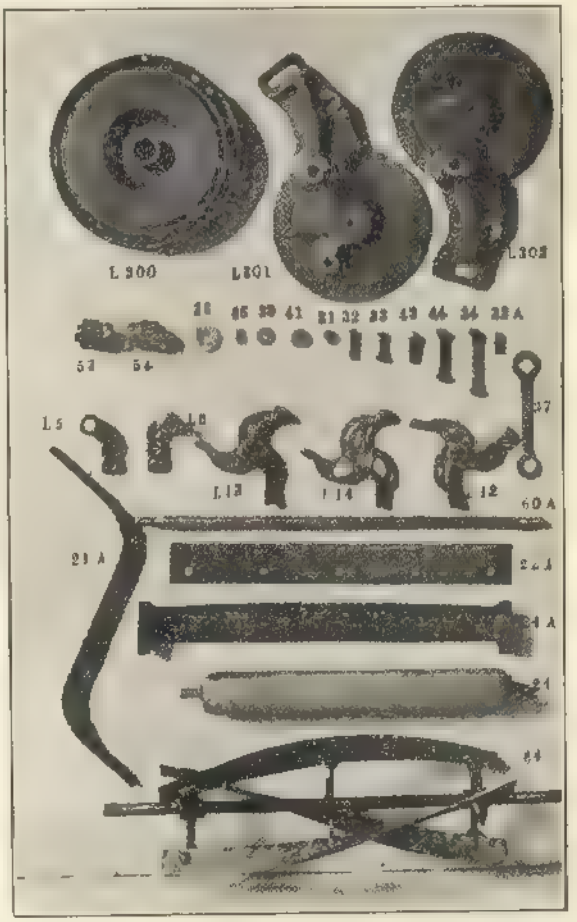
LAWN MOWER PARTS

FOR MAGIC

The right or left side of a mower is determined by standing in back of it, in position to push. Each part is numbered, and wherever possible, the number has been cast on it. Where the number is not shown on the part, it may be identified by consulting the list and diagram.

In ordering parts always give the number and description of the part wanted together with the name, size of machine and numbers cast on side plates.

		Each
L301	Right Hand Side Plate	$2 40
L302	Left Hand Side Plate	2 40
L300	Wheel	2 00
L 4A	Cutter Bar ..... 12 in. 14 in. 16 in.	
	$1 40 1 60 1 80	
L 5	Right Hand Bracket	24
L 6	Left Hand Bracket	24
*L 12	Right Hand Cutter Head	1 20
*L 13	Left Hand Cutter Head	1 20
*L 14	Center Cutter Head	60
L 53	Right Hand Pinion Gear	40
L 54	Left Hand Pinion Gear	40
21A	Handle Brace .....12 in. 14 in. 16 in	
	$0 56 64 72	
22A	Under Knife .....12 in. 14 in. 16 in.	
	$1 00 1 20 1 40	
* 60A	Front Brace .....12 in. 14 in. 16 in.	
	$0 60 80 1 00	
24	Wood Roller .....12 in. 14 in. 16 in.	
	$0 80 90 1 00	
* 44	Bolt for Wheel	20
* 43	Screw for End Cutter Bar	20
* 31	Screw for Under Knife	10
* 32	Screw for Adjusting Cutter Bar	10
* 32A	Adjusting Block	10
* 33	Bolt for Brackets	10
* 34	Bolt for Handle Brace	10
* 36	Washer for Wheel	10
37	Wrench	20
65	Pawls	10
* 39	Washer for Handle	04
* 64	Wiper Complete 3 Knives	
	Size ..... 12 in. 14 in. 16 in.	
	Each $6 00 7 00 8 00	
* 41	Nut for Front Brace	10
	Wood Handle	1 50



* Not carried in stock.

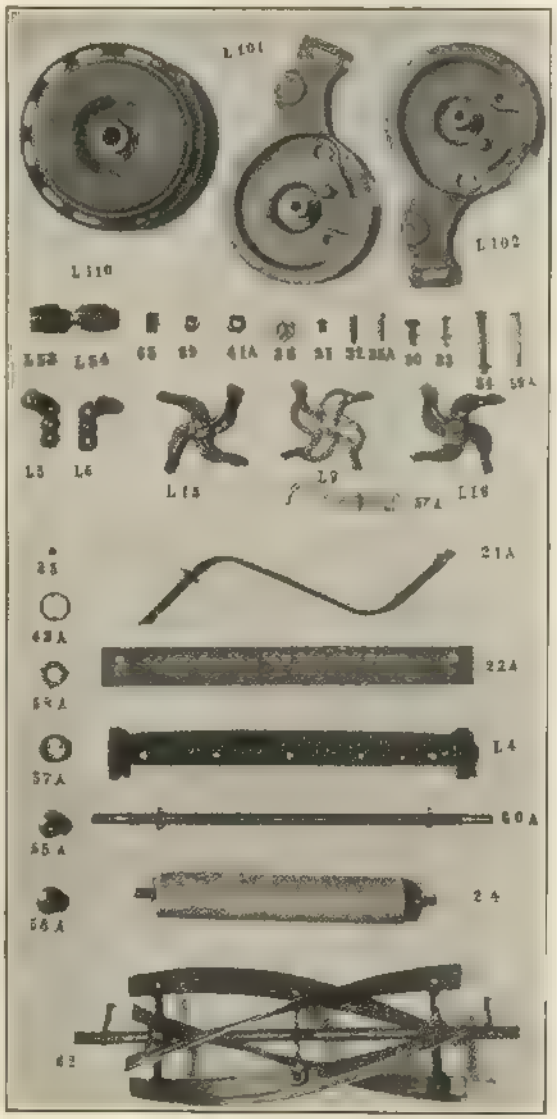
LAWN MOWER PARTS

FOR MONARCH

The right or left side of a mower is determined by standing in back of it, in position to push. Each part is numbered, and wherever possible, the number has been cast on it. Where the number is not shown on the part, it may be identified by consulting the list and diagram.

In ordering parts always give the number and description of the part wanted together with the name, size of machine and numbers cast on side plates.

		Each
L101	Right Hand Side Plate	$3 75
L102	Left Hand Side Plate	3 75
L110	Wheel	2 00
L 4	Cutter Bar. 14 in. $1 60 / 16 in. 1 80 / 18 in. 2 00	
L 5	Right Hand Bracket	24
L 6	Left Hand Bracket	24
*L 15	Right Hand Cutter Head	1 20
*L 16	Left Hand Cutter Head	1 20
*L 9	Center Cutter Head	60
L 53	Right Hand Pinion Gear	40
L 54	Left Hand Pinion Gear	40
* 21	Handle Brace. 14 in. $0 64 / 16 in. 72 / 18 in. 80	
22A	Under Knife. 14 in. $1 20 / 16 in. 1 40 / 18 in. 1 60	
* 60A	Front Brace. 14 in. $0 80 / 16 in. 1 00 / 18 in. 1 20	
24	Wood Roller. 14 in. $0 90 / 16 in. 1 00 / 18 in. 1 10	
55A	Right Hand Cone	1 00
56A	Left Hand Cone	1 00
* 57A	Ball Case	60
58A	Ball Retainer	40
* 59A	Screw for Wheel	20
* 30	Screw for End Cutter Bar	20
* 31	Screw for Under Knife	10
* 32	Screw for Adjusting Cutting Bar	10
* 33	Bolt for Brackets	10
* 34	Bolt for Handle Brace	10
35	Set Screw for Cones	10
* 35A	Adjusting Screw for Cones	10
* 36	Washer for Wheel	10
37A	Wrench	20
65	Pawls	10
* 39	Washer for Handle	04
* 62	Wiper Complete, 4 Knives. Each, $8 00 / 9 00 / 10 00. Size, 14 in. / 16 in. / 18 in.	
* 41	Nut for Front Brace	10
	Wood Handle	1 50



*Not carried in stock.

LAWN MOWER PARTS

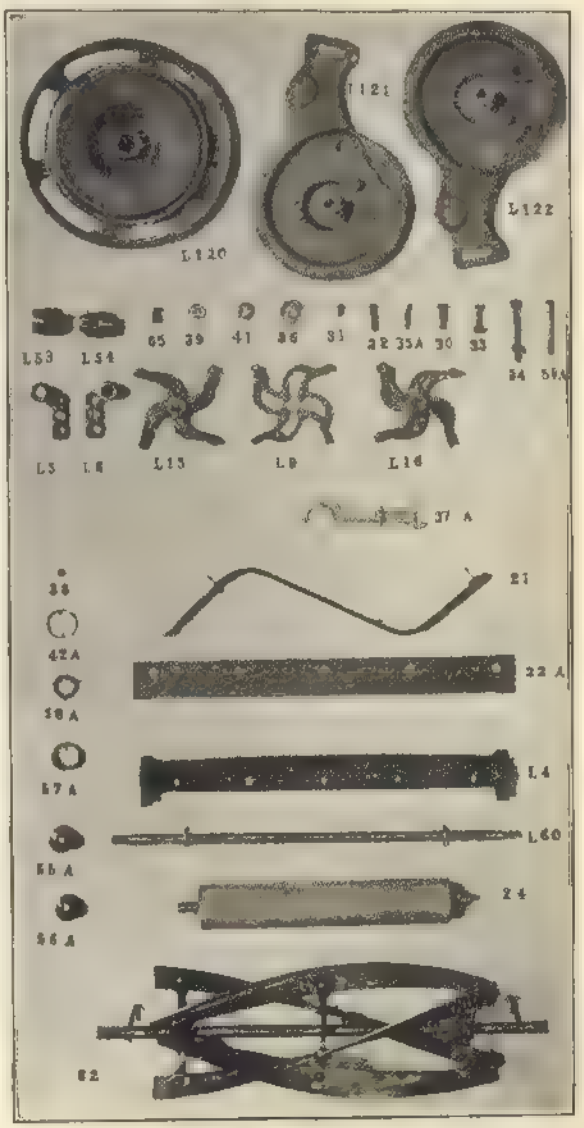
FOR WIZARD

The right or left side of a mower is determined by standing in back of it, in position to push. Each part is numbered and wherever possible, the number has been cast on it. Where the number is not shown on the part, it may be identified by consulting the list and diagram.

In ordering parts always give the number and description of the part wanted together with the name, size of machine and numbers cast on side plates.

		Each
L121	Right Hand Side Plate	$3 75
L122	Left Hand Side Plate	3 75
L120	Wheel	2 00
L 4	Cutter Bar. 14 in. $1 60 — 16 in. 1 80 — 18 in 2 00	
L 5	Right Hand Bracket	24
L 6	Left Hand Bracket	24
*L 15	Right Hand Cutter Head	1 20
*L 16	Left Hand Cutter Head	1 20
*L 9	Center Cutter Head	60
L 53	Right Hand Pinion Gear	40
L 54	Left Hand Pinion Gear	40
* 21	Handle Brace. 14 in. $0 64 — 16 in. 72 — 18 in 80	
22A	Under Knife. 14 in. $1 20 — 16 in. 1 40 — 18 in. 1 60	
*L 60	Front Brace. 14 in. $0 80 — 16 in. 1 00 — 18 in 1 40	
24	Wood Roller. 14 in. $0 90 — 16 in. 1 00 — 18in. 1 10	
55A	Right Hand Cone	1 00
56A	Left Hand Cone	1 00
* 57A	Ball Case	60
58A	Ball Retainer	40
* 59A	Screw for Wheel	20
* 30	Screw for End Cutter Bar	20
* 31	Screw for Under Knife	10
* 32	Screw for Adjusting Cutter Bar	10
* 33	Bolt for Brackets	10
* 34	Bolt for Handle Brace	10
35	Set Screw for Cones	10
* 35A	Adjusting Screw for Cones	10
* 36	Washer for Wheel	10
37A	Wrench	20
65	Pawls	10
* 39	Washer for Handle	04
* 62	Wiper Complete, 4 Knives. Size. 14 in. Each, $8 00 — 16 in. 9 00 — 18 in. 10 00	
* 41	Nut for Front Brace	10
	Wood Handle	1 50

*Not carried in stock.



LAWN MOWER PARTS

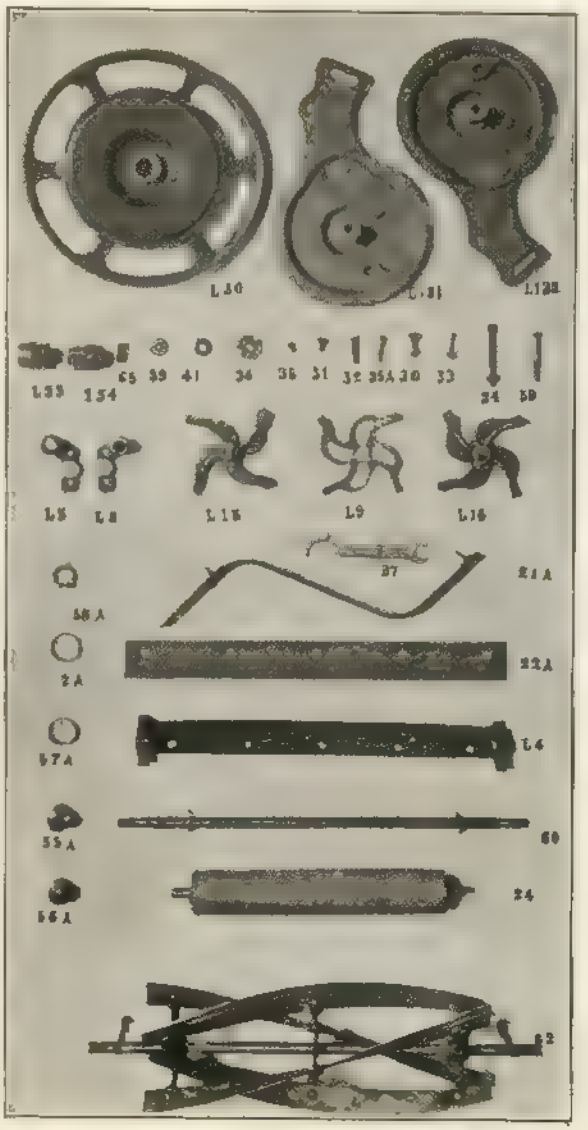
FOR ELM PARK

The right or left side of a mower is determined by standing in back of it, in position to push. Each part is numbered, and wherever possible, the number has been cast on it. Where the number is not shown on the part, it may be identified by consulting the list and dingram.

In ordering parts always give the number and description of the part wanted together with the name, size of machine and numbers cast on side plates.

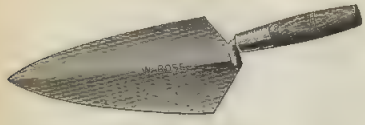
		Each
L131	Right Hand Side Plate	$3 75
L132	Left Hand Side Plate	3 75
L 30	Wheel	2 00
L 4	Cutter Bar — 14 in. $1 60 — 16 in. 1 80 — 18 in. 2 60	
L 5	Right Hand Bracket	24
L 6	Left Hand Bracket	24
*L 15	Right Hand Cutter Head	1 20
*L 16	Left Hand Cutter Head	1 20
*L 9	Center Cutter Head	60
L 53	Right Hand Pinion Gear	40
L 54	Left Hand Pinion Gear	40
* 21	Handle Brace — 14 in. $0 64 — 16 in. 72 — 18 in. 80	
* 22	Under Knife — 14 in. $1 20 — 16 in. 1 40 — 18 in. 1 60	
*L 60A	Front Brace — 14 in. $0 80 — 16 in. 1 00 — 18 in 1 20	
24	Wood Roller — 14 in. $0 90 — 16 in. 1 00 — 18 in. 1 10	
55A	Right Hand Cone	1 00
56A	Left Hand Cone	1 00
* 57A	Ball Case	60
58A	Ball Retainer	40
* 59	Screw for Wheel	20
* 30	Screw for End Cutter Bar	20
* 31	Screw for Under Knife	10
* 32	Screw for Adjusting Cutter Bar	10
* 33	Bolt for Brackets	10
* 34	Bolt for Handle Brace	10
35	Set Screw for Cones	10
* 35A	Adjusting Screw for Cones	10
* 36	Washer for Wheel	10
37A	Wrench	20
65	Pawls	10
* 39	Washer for Handle	04
* 62	Wiper Complete, 4 Knives — Size, 14 in. — 16 in. — 18 in. — Each, $8 00 — 9 00 — 10 00	
* 41	Nut for Front Brace	10
	Wood Handle	1 50

*Not carried in stock



M CEMENT TOOLS

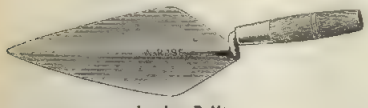
ROSE BRICK



Philadelphia Pattern

Hardwood handle, length 6 inches.

NO.	Size In.	lb Doz.	DOZEN
110-11	11	12	$38.00
110-11½	11½	12	40.00
110-12	12	12	42.00



London Pattern

Hardwood handle, length 6 inches.

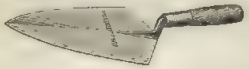
NO.	Size In.	lb Doz.	DOZEN
116-11	11	12	$38.00
116-11½	11½	12	40.00
116-12	12	12	42.00

Round Heel

Hardwood handle, length 6 inches.

NO	Size In.	lb Doz.	DOZEN
113-11	11	12	$38.00
113-11½	11½	12	40.00
113-12	12	12	42.00

MARSHALLTOWN BRICK



Wood Handle—Philadelphia Pattern

Forged in one piece from highest grade trowel steel, tempered, ground and polished; hand smithed; straight post with handle set at correct angle for perfect balance and hang; polished steel ferrule.

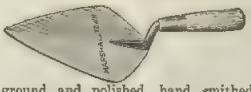
NO.	Size	Wt. Doz.	DOZEN
19W-10	10 x5 in.	12 lb.	$23.00
19W-10½	10½x5½ in.	12 lb.	23.00
19W-11	11 x5½ in.	12 lb.	23.00
19W-11½	11½x5⅝ in.	12 lb.	23.00
19W-12	12 x6 in.	12 lb.	23.00

One-half dozen in a box.

Leather Handle—Philadelphia Pattern

NO.	Size	Wt. Doz.	DOZEN
19L-10½	10½x5½ in.	12 lb.	$26.00
19L-11	11 x5½ in.	12 lb.	26.00
19L-11½	11 x5⅝ in.	12 lb.	26.00

BRICK TROWELS



Wood Handle—Boston Pattern

Forged in one piece from highest grade trowel steel, tempered, ground and polished, hand smithed, straight post with handle set at correct angle for perfect balance and hang. Polished steel ferrule.

NO.	Size Blade	Wt. Doz.	DOZEN
23W-8½	8½x5½ in.	12 lb.	$23.00
23W-9	9 x6 in.	12 lb.	23.00
23W-9½	9½x6½ in.	12 lb.	23.00
23W10	10x6½ in.	12 lb.	23.00

Half dozen in a box.

Marshalltown—London Pattern Wood Handle

Forged in one piece of steel from highest grade trowel steel, tempered, ground and polished; hand smithed straight post with handle set at correct angle for perfect balance and hang; polished steel ferrule.

NO.	Size Blade	Wt. Doz.	DOZEN
33W-11	11 x 11-16 in.	12 lb.	$22.00
33W-11½	11½x 7-8 in.	12 lb.	22.00
33W-12	12 x 1-8 in.	12 lb.	22.00

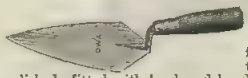
Marshalltown Wide Heel Wood Handle

Forged in one piece from highest grade trowel steel, tempered, ground and polished; hand smithed; straight post with handle set at correct angle for perfect balance and hang; polished steel ferrules.

NO.	Size Blade	Wt. Doz.	DOZEN
21W-10½	10½x6 in.	12 lb	$24.00
21W-11	11 x6 in.	12 lb	24.00
21W-11½	11½x6½ in.	12 lb	24.00

Marshalltown Extra Wide Heel—Wood Handle

NO.	Size Blade	Wt. Doz.	DOZEN
17W-10½	10½x6½ in.	12 lb	$25.00
17W-11	11 x6⅝ in.	12 lb	25.00
17W-11½	11½x6¾ in.	12 lb	25.00



Iowa

Forged in one piece from first quality steel, tempered, ground and polished; fitted with hardwood handle and polished ferrule.

NO.	Size	Wt. Doz.	DOZEN
25-8	8 x4½ in.	11 lb.	$10.00
25-9	9 x4⅝ in.	11 lb.	12.00
25-10	10x4⅝ in.	11 lb.	12.00
25-10½	10½x5 in.	11 lb.	12.00
25-11	11x5 in.	11 lb.	12.00
25-11½	11½x5¼ in.	11 lb.	12.00
25-12	12x5½ in.	11 lb.	12.00

One-half dozen in a box.

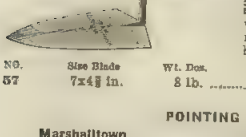
CEMENT TOOLS

Star

A sheet steel trowel with riveted malleable shank for occasional work.

NO.	Blade	DOZEN
204-8	8 in.	$3 00
204-10	10 in.	3 00

TILE SETTERS

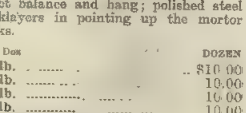


Blade forged in one piece from the highest grade trowel steel, tempered, ground, and polished. Hardwood handles with polished steel ferrules. Used for laying brick.

NO.	Size Blade	Wt. Doz.	DOZEN
57	7x4¾ in.	8 lb.	$18.00

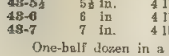
POINTING

Marshalltown



Forged in one piece of steel from highest grade trowel steel, tempered, ground and polished; hand smithed straight post with handle set at correct angle for perfect balance and hang; polished steel ferrule. Used by bricklayers in pointing up the mortar joints between the bricks.

NO.	Length	Wt. Doz.	DOZEN
45-4	4 in.	4 lb.	$10 00
45-4½	4½ in.	4 lb.	10.00
45-5	5 in.	4 lb.	10.00
45-5½	5½ in.	4 lb.	10.00
45-6	6 in.	4 lb.	10 00



Iowa

Forged from one piece first quality steel, tempered, ground and polished; fitted with hardwood handle and polished steel ferrule. Used by bricklayers in pointing up the mortar joints between the bricks.

NO.	Length	Wt. Doz.	DOZEN
43-4	4 in.	4 lb	$6.00
43-4½	4½ in	4 lb.	6 00
43-5	5 in.	4 lb.	6.00
43-5½	5½ in.	4 lb.	6.00
43-6	6 in	4 lb	6 00
43-7	7 in.	4 lb.	9.00

One-half dozen in a box.

Star

Made with the blade of cold rolled strip steel rivited to a malleable mounting on which the handle is driven. Used by bricklayers in pointing up the mortar joints between the bricks.

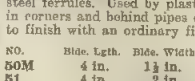
NO	[illegible]	Wt. Doz.	DOZEN
205	5 in.	4 lb.	$1.50

GAUGING

Forged in one piece from highest grade trowel steel, tempered, ground and polished hardwood handles with polished steel ferrules. Used by the tilesetters in setting tile of all kinds and to square up and gunge the tile in the mortar.

NO.	Blde. Lgth.	Blde. Width	Wt. Doz.	DOZEN
48	3½ in.	4½ in.	10 lb.	$15.00
49	3 in.	3½ in.	10 lb.	15.00

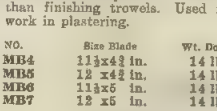
MARGIN



Forged in one piece from highest grade trowel steel, tempered, ground and polished hardwood handle with polished steel ferrules. Used by plasterers for smoothing the mortar in corners and behind pipes or in places where it is difficult to finish with an ordinary finishing trowel.

NO.	Blde. Lgth.	Blde. Width	Wt. Doz.	DOZEN
50M	4 in.	1½ in.	3 lb.	$9 00
51	4 in.	2 in.	3½ lb.	9.00
52	5 in.	2 in.	3½ lb.	9.00
54	5 in.	1½ in.	3½ lb.	9 00

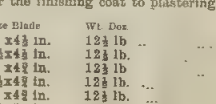
FINISHING



Marshalltown—Browning

Blade made of highest grade crucible spring steel, ground and polished; special light stiff mounting fastened with twelve rivets; natural finish wood handle shaped for comfortable grip. Longer mounting than finishing trowels. Used for browning or first coat. work in plastering.

NO.	Size Blade	Wt. Doz.	DOZEN
MB4	11½x4½ in.	14 lb.	$45.00
MB5	12 x4½ in.	14 lb.	45.00
MB6	11½x5 in.	14 lb.	45.00
MB7	12 x5 in.	14 lb.	45.00



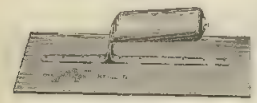
Marshalltown

Blade made of highest grade crucible spring steel, ground and polished; special light stiff mounting fastened with ten rivets; natural finish wood handle shaped for comfortable grip. Used for the finishing coat to plastering.

NO.	Size Blade	Wt. Doz.	DOZEN
MF1	11 x4½ in.	12½ lb	$45 00
MF2	11½x4½ in.	12½ lb.	45 00
MF3	11 x4½ in.	12½ lb	45.00
MF4	11½x4½ in.	12½ lb.	45.00
MF5	12 x4½ in.	12½ lb.	45 00
MF6	11½x5 in.	12½ lb.	45 00
MF7	12 x5 in.	12½ lb	45 00

M CEMENT TOOLS

FINISHING TROWELS



Marshalltown Extralite

Light spring steel blade, tempered, ground and polished, special stiff aluminum alloy mounting, hard steel rivets, smooth turned wood handle, fastened with brass nut and washer. About 25% lighter than the standard trowel.

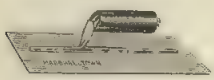
NO	Size Blade	Wt. Doz.	DOZEN
MX1	11 x4½ in.	10 lbs.	$36.00
MX2	11½x4½ in.	10 lbs.	36.00
MX3	11 x4¾ in.	10 lbs.	36.00
MX4	11½x4¾ in.	10 lbs.	36.00

Same as above except has California handle.

NO	Size Blade In.	Lbs. Doz.	DOZEN
MXS1	11 x4½	10	$36.00
MXS2	11½x4½	10	36.00
MXS3	11 x4¾	10	36.00
MXS4	11½x4¾	10	36.00

Packed one in a box.

CEMENT



Marshalltown

Blade made of highest grade crucible spring steel, ground and polished. Special light stiff mounting fastened with ten rivets; natural finish wood handle shaped for comfortable grip.

Differ from plastering trowels in that they are slightly convex on the face so that the edges of the blades will not dig into the mortar in finishing the cement.

NO.	Size Blade	Wt. Doz.	DOZEN
MCW3	11 x4½ in.	13½ lb.	$45.00
MCW4	11½x4½ in.	13½ lb.	45.00
MCW5	12 x4½ in.	13½ lb.	45.00
MCW64	14 x4 in.	13½ lb.	50.00
MCW66	16 x4 in.	13½ lb.	52.00
MCW73	14 x4½ in.	13½ lb.	50.00
MCW75	16 x4½ in.	13½ lb.	52.00
MCW76	16 x5 in.	13½ lb.	52.00

PLASTERING

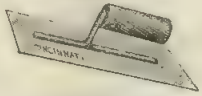
Marshalltown—California Handle

California Pattern plastering trowel, extra thin. 24-gauge slightly concave blade. The handle is especially formed to fit the hand.

NO	Length	Width	DOZEN
MFS-1	11 in.	4½ in.	$45.00
MFS-2	11½ in.	4½ in.	45.00
MFS-3	11 in.	4¾ in.	45.00
MFS-4	11½ in.	4¾ in.	45.00
MFS-5	12 in.	4¾ in.	45.00

One-half dozen in a box.

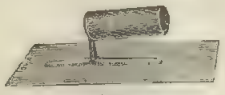
PLASTERING



Cincinnati

A standard grade trowel with spring blade, tempered and polished malleable mountings fastened with five rivets, natural finish wood handle. Cheaper grade of tool. Used mostly for cement.

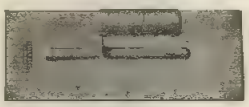
NO.	Size Blade	Wt. Doz.	DOZEN
5-11	11x4½ in.	13 lb.	$20.00
5-11½	11½x4½ in.	13 lb.	20.00
5-12	12x4½ in.	13 lb.	20.00



Iowa

Tempered and polished steel blade; polished malleable mounting fastened with four rivets; plain handle. Used by the householder for plastering and patching

NO.	Size Blade	Wt. Doz	DOZEN
50-10	10 x4½ in.	12 lb.	$13.50
50-10½	10½x4½ in.	12 lb.	13.50
50-11	11 x4½ in.	12 lb.	13.50
50-11½	11½x4½ in.	12 lb.	13.50
50-12	12 x4½ in.	12 lb.	13.50



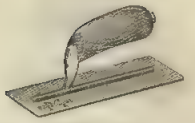
Handy

Malleable mountings, rivited to cold rolled strip steel blades.

NO.	Size	Wt Dozen	DOZEN
208	10 in.	-- lb	$4.00

CEMENT TOOLS M

STUCCO



Stucco Trowel

Used to apply the special stucco mortars.

NO	Size In. Blade	Wt. lb Doz.	DOZEN
MS	8x3¼	10	$30.00

FLOOR TROWELS OR FLOATS

Abrams—Double Action Long Handle

The above illustration shows the action of the long handle of the Abram cement tools. Substantially constructed for long service, the double of this handle is a very popular feature of this tool. As the trowel is pushed, the forward edge of the blade is tilted slightly; as the trowel is pulled, this action is reversed and the rear edge of the plate is raised. Simple and easy to operate, these tools satisfactorily meet all requirements.

Abrams

NO.	Size	Handle	Wt. Each	EACH
1B	24x5 in.	6 ft.	5 lb	$12.00

Abrams

Cold rolled steel, ⅛ inch thick; beveled face.

NO.	Size	Handle	Wt. Each	EACH
4	24x6 in.	6 ft.	8 lb	$12.00

FLOOR TROWELS OR FLOATS

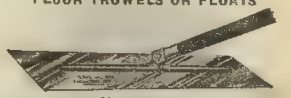
Long Handle

Complete with 6-ft handle.

NO.	Size	Wt. Doz.	DOZEN
1FT	5x24 in.	60 lb.	$100.00
2FT	5x36 in.	75 lb.	140.00

Packed in bulk.

FLOOR TROWELS OR FLOATS



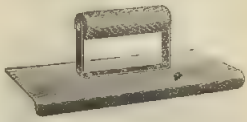
Marshalltown

For smoothing the cement on roads, sidewalks or large floors.

Long handle cement trowel complete with 6 ft. handle.

NO.	Size	Wt. Doz.	DOZEN
C24	5x24 in.	48 lb.	$100.00
C36	5x36 in.	68 lb.	140.00

SIDE WALK TROWELS



Used for smoothing the edges of cement walks and the turn down edge, which is round, makes the proper radius at the edge of the cement.

NO.	Size Blade	Wt. Doz.	DOZEN
10	11½x5½ in.	15 lb	$21.00

EDGERS

Border or Curb Edger—"Comet"

A sturdy, light tool made of specially treated steel.

NO.	Size	Radius	Wt. Doz.	DOZEN
1	3½x5½x1½ in.	¼ in.	9 lb.	$16.50
2	4 x6 x2½ in.	⅜ in.	12 lb	18.00
3	8 x6 x5 in.	⅜ in.	21 lb	27.00

Packed in bulk.

CURB TOOL

Ex-El-Al

NO.	Size In.	Drop In.	Radius In.	DOZEN
X47	4x5½	⅜	2½	$9.00

M CEMENT TOOLS

SQUARE EDGERS

Cement Finishers' Square "S" Edgers

NO.	Size	Radius	Wt. Doz.	DOZEN
OS	6 x4 in.	5/8 in.	9 lb	$13.50
1S	5 x3½ in.	½ in.	8 lb	12.00
2S	5 x2½ in.	½ in.	8 lb	12.00
3S	5½x2½ in.	½ in.	8 lb	12.00
4S	5 x2⅝ in.	⅜ in.	7 lb	12.00
6S	5 x2¼ in.	7/32 in.	7 lb	10.50
7S	5 x2⅛ in.	7/32 in.	7 lb	10.50
8S	5 x2 in.	7/32 in.	7 lb	10.50
9S	5 x1½ in.	7/32 in.	7 lb	10.50

Square Corner

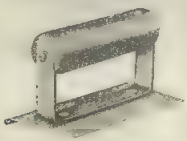
NO.	Size	Wt. Dozen	DOZEN
5S	5 x2½ in.	7 lb	$12.00

Same as above but unfinished. General use

NO.	Size	Wt. Dozen	DOZEN
S10	5 x2¾ in.	8 lb.	$9.00

Packed in bulk.

STRAIGHT EDGER



Ex-El-Al

NO.	Size In.	Radius In.	DOZEN
X30	2¾x5½	¼	$9.00

STRAIGHT EDGER

Ex-El-Al

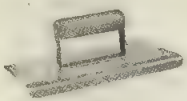
NO.	Size In.	Radius In.	DOZEN
X44	3x5	½	$9.00

STRAIGHT EDGER

Ex-El-Al

NO.	Size In.	Radius In.	DOZEN
X46	2¾x5	6	$9.00

LONG EDGER



Ex-El-Al

NO.	Size In.	Radius In.	DOZEN
X49	5x1¼	½	$18.00

CURVED EDGER

Ex-El-Al

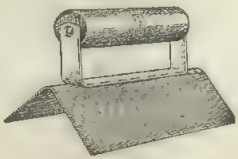
NO	Size In.	Radius In	DOZEN
X45	3x5	½	$9.00

FLOOR EDGER

Ex-El-Al

NO.	Size In.	Raise In.	Radius In.	DOZEN
X48	4x5½	½	2½	$9.00

EDGERS



Round Outside Corner

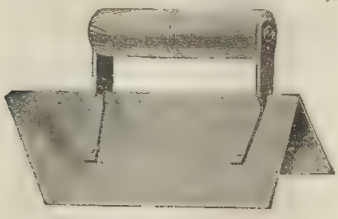
NO.	Size	Radius	Wt. Doz.	DOZEN
ROSC	2¼x2¼x6 in.	½ in.	9 lb.	$18.00

M CEMENT TOOLS

ROUND OUTSIDE CORNER TROWEL

Ex-El-Al

NO.	Lgth. In.	Sides In.	Radius In.	DOZEN
X43	6	2½	½	$12.00



Steel—Square Outside Corner Trowels

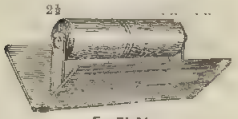
NO.	Size	Wt. Doz.	DOZEN
1SO	2½x2½x6 in.	8 lb.	$18.00
2SO	3 x3 x7 in.	9 lb.	21.00

All above—packed in bulk.

SQUARE OUTSIDE CORNER TROWEL

Ex-El-Al

NO.	Lgth. In.	Sides In.	DOZEN
X41	6	2½	$12.00



Ex-El-Al
Round Inside Corner

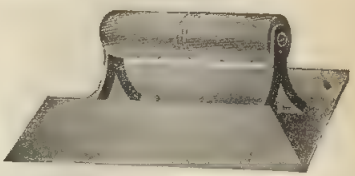
NO.	Size	Wt. Doz.	DOZEN
RISC	2½x2½x6 in.	8 lb.	$18.00

ROUND INSIDE CORNER TROWEL

Ex-El-Al

NO.	Lgth. In.	Sides In.	Radius In.	DOZEN
X42	6	2½	½	$12.00

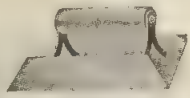
EDGERS



Steel—Square Inside Corner Trowels

NO.	Size	Wt. Doz.	DOZEN
1SI	2½x2½x6 in.	8 lb.	$18.00
2SI	3 x3 x7 in.	9 lb.	21.00

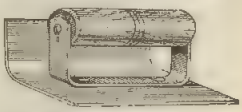
SQUARE INSIDE CORNER TROWEL



Ex-El-Al

NO.	Lgth. In.	Sides In.	DOZEN
X40	6	2½	$12.00

FLOOR EDGER OR COVE TOOLS



NO.	Size	Wt. Doz.	DOZEN
FE	4½x6x2½ in.	12 lb.	$18.00

SANITARY BASE TOOLS

Marshalltown

Full polished steel blade, 1-inch radius; double mounting riveted to blade; wood handle mortised and fastened with screws.

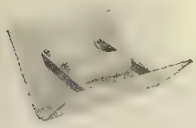
Used for forming bases of different angles in buildings and they are also used for forming the proper radius and street curbs.

NO.	Size	Wt. Doz.	DOZEN
108	6x6x8 in.	30 lb.	$58.00
110	6x6x10 in.	30 lb.	58.00

CEMENT TOOLS

M

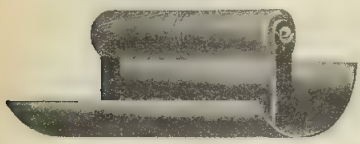
BASE TOOL



Ex-El-Al

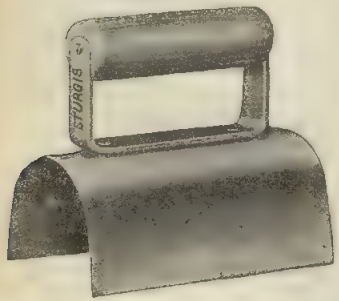
NO.	Size In.	Radius In.	DOZEN
X50A	6x6x6	1	$42.00
X50B	6x6x8	1	42.00
X50C	6x6x10	1	42.00

GUTTER TROWELS



NO.	Size	Wt Doz	DOZEN
3GT	4x7 in.	12 lb.	$24.00
5GT	5x7½ in.	12 lb.	27.00

COPING TROWELS



Similar to gutter trowel, but has handle on reverse side.

NO.	Size	DOZEN
3CT	4x7 in.	$24.00
5CT	5x7½ in	27.00

FLOOR BEADER

Abrams—Double Action

Cuts thin and shallow bead for marking or blocking out floors. Nickeled iron.

NO.	Size	Handle	Wt. Each	EACH
25	10x3¼ in.	6 ft.	5 lb	$8 00

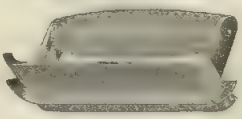
EDGER

Abrams—Double Action

Has ⅜-inch form face and about ⅜-inch radius. Nickeled iron.

NO.	Size	Handle	Wt. Each	EACH
30	10x3¼ in.	6 ft.	5 lb	$8.00

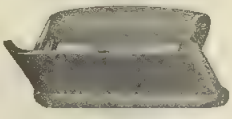
CAST JOINTING TOOL



Used for making joint lines in sidewalks, etc. Polished and nickeled.

NO.	Width	Length	Wt. Dozen	DOZEN
2001	2¼ in.	5¾ in.	16 lb.	$8.00

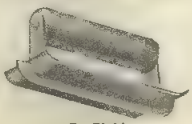
CAST BEVEL EDGING TOOL



Used for making small turned edges on sidewalk, etc. ⅜ in. radius.

NO.	Width	Length	Wt. Dozen	DOZEN
2002	2¾ in.	6 in.	16 lb.	$8.00

CAST IRON GROOVER



Ex-El-Al

NO.	Size In.	Groove Dp. In.	DOZEN
X29	2½x5½	⅜	$7 20

CEMENT TOOLS

M

IRON WHOLE JOINTERS

With adjustable crucible steel blade.

NO.	Size	Wt. Doz.	DOZEN
1WJ	2½x4 in.	19 lb.	$44.00
2WJ	3 x2½ in.	15 lb.	33.00
3WJ	3 x2 in.	14 lb.	30.00
6WJ	3½x2½ in.	17 lb.	39.00
7WJ	3 x3 in.	15 lb.	39.00
8WJ	4 x3½ in.	18 lb.	48.00

Packed in bulk.

Solid Jointer

Designed to accommodate people desiring an inexpensive tool

NO.	Size In.	lb Doz.	DOZEN
23	2½x3	9	$16 50

IRON ALPINE PLASTER WHOLE JOINTERS

For Wall Marking

NO.	Size	Wt. Doz.	DOZEN
5WAP	1½x3 in.	9 lb.	$24.00

Packed in bulk.

HAIRLINE JOINTER

Ex-El-Al

Adjustable blade.

NO.	Wide In.	Lgth In.	DOZEN
X55	1¼	3	$20.00

CEMENT JOINTER

Ex-El-Al

Adjustable blade.

NO	Wide In.	Lgth In.	DOZEN
X52	2½	3	$20 00
X53	2	3	20.00

HALF JOINTERS

Iron

Made with adjustable steel blade and handle.

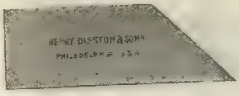
NO.	Size	Wt. Doz.	DOZEN
4HJ	3x1½ in.	10 lb.	$27 00

Packed in bulk.

M

CEMENT TOOLS

MASONS' MITRE RODS



Disston

Beveled on long edge.

NO.	Wt. Doz.	DOZEN
4	1½ lb.	$5.00
6	2 lb	7.00
8	3 lb.	10 00
10	4 lb.	12.00
12	5 lb.	16 00

LINE ROLLERS

Stearns

Made of iron. Depth of grooves are ⅛-in. and spaced at 1/6-in.

NO	Lgth. In.	Diam. In.	lb Each	EACH
121	10	4	12	$7.00

Packed in bulk.

INDENTATION ROLLERS

Stearns

NO.	Lgth. In.	Diam. In.	lb Each	EACH
127	10	4	9	$6 00

Packed in bulk

DRIVEWAY ROLLERS

Stearns

Made of iron. Grooves are ⅛-in. in depth and spaced at 2 inches.

NO.	Lgth. In.	Diam. In.	lb Each	EACH
122	10	4	11	$7.50

Packed in bulk.

Five-ply veneer board. Contains 9 tools as follows:

1 only No. 4S Edger	$1.00
1 only No. 6S Edger	.83
1 only No. 2S Edger	1.00
1 only No. 1 Square Outside	1.50
1 only No. 2 Jointer	2.50
1 only No. 1 Border Tool	1.18
1 only No. 1 Floor Edger	1.50
1 only No. 7 Special Jointer	3.25
1 only No. 2 Beader Tool	1.50
Total	$14.51

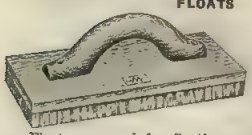
NO	lb Asst	ASSORTMENT
700	28	$14.51

Complete in wooden box.

CEMENT TOOLS

M

FLOATS



Cork Mounted

Handled; Redwood back with cork face; wood handle fastened with screws.

Floats are used for floating mortar, either cement or plaster. Floating a wall produces a rough finish which is sometimes preferred over a fine finish, produced by a finishing trowel.

NO.	Size	Wt. Doz.	DOZEN
41	12x5x1 1/8 in.	12 lb.	$18.00

One-fourth dozen in a box.

UNHANDLED FLOATS

Cork

Unhandled; Plain Selected Cork.

NO.	Size	Wt. Doz.	DOZEN
80	12x4 1/2x1 1/2 in.	5 lb.	$13.50
80	12x5 x1 1/2 in.	5 lb.	15 30

Packed loose.

Wood

Redwood back, handled.

Handle is securely fastened with screws.

NO.	Size	Wt. Doz.	DOZEN
45	16x4 1/2 in.	7 lb.	$9.00
44	12x5 in.	6 lb.	6.00
43	10 1/2x4 in.	5 lb.	4.00

Cast Aluminum

Square corners, smoothly finished, and equipped with wooden handle.

NO.	Size In.	Wt. lb Doz.	DOZEN
103	10x3 1/2	10	$15 00

Angle

Similiar to above, but ends are beveled.

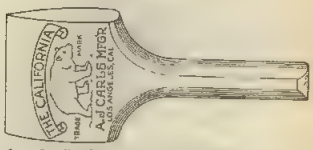
NO.	Size	Wt. Doz.	DOZEN
44S	10 1/2x4 in.	6 lb.	$10.00

Packed loose.

FLOAT HANDLES

NO.	DOZEN
46H	$3.00

ANGLE PADDLES



Hardwood—Sanded Finish. Used by plasterers for about the same purposes as margin trowels are used. For smoothing down the plaster where it is difficult to do the work with a finishing trowel.

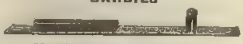
NO.	Size	Wt. Doz.	DOZEN
100	7 1/2x2 3/4x1 1/2 in.	4 lb.	$3 00

With bronze blade inserted in edge, used by plasterers for about the same purposes as margin trowels are used. For smoothing down the plaster where it is difficult to do the work with a finishing trowel.

NO.	Size	Wt. Doz.	DOZEN
101	8x3x3 1/2 in.	4 lb	$5.50

1/2 dozen in a box.

DARBIES



Marshalltown—Aluminum

Made of 8 g. hard rolled aluminum, edges straight and smooth. 18 in., rib and 3 1/2 in., handle.

Used for truing up walls of plaster, taking off the humps and pushing the mortor to the low places.

NO.	Size	Wt. Doz.	DOZEN
2	3 1/2x44 in.	30 lb	$50.00

Pine—Aluminum Bound

Made of 3/4-inch Pine with thin strip of aluminum fastened on edges. 6 inch rib and 3 1/2 inch handle. Used for truing up walls of plaster, taking off the humps and pushing the mortor to the low places.

NO.	Size	Wt. Doz.	DOZEN
AB3	3 1/2x44 in.	18 lb	$35.00

Pine

Made of clear seasoned wood 3/4 inch thick; 18 in. rib; 3 1/2 in., handle. Used for truing up walls of plaster, taking off the humps and pushing the mortor to the low places.

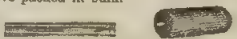
NO.	Size	Wt. Doz.	DOZEN
02	3 1/2x44 in.	27 lb.	$8.00

Mahogany

Same dimensions as No., 02. Used for truing up walls of plaster, taking off the humps and pushing the mortor to the low places.

NO.	Size	Wt. Doz.	DOZEN
03	3 1/2x44 in.	27 lb.	$16.00

All above packed in bulk.



NO.	Style	Handles	DOZEN
4L	Rib long		$2 00
4R	Round		2.00

CEMENT TOOLS

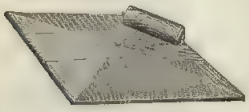
HAWKS

Marshalltown—Aluminum

Made of 12 g. hard rolled aluminum, edges smoothed and straight. Bevel edged 3½-inch diam., hub ½-inch, handle 5 in. bolted. Each hawk equipped with rubber callous preventer

M NO.	Size	Wt. Doz.	DOZEN
1	13x13 in.	24 lb.	$40.00
2	13½x13½ in.	24 lb.	42.00
3	14x14 in.	24 lb.	43.00

One-fourth dozen in a carton.



Wood

Made of one piece, clear, seasoned wood, fitted with dove-tailed cross brace to prevent warp; brass nut to take handle.

M NO.	Size	Wt. Doz.	DOZEN
22	13½x13½ in.	27 lb.	$19 00

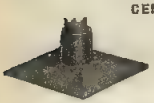
Similar to above, but of lighter construction.

022	13½x13½ in.	24 lb.	$14 00

Extra Hawk Handles

M NO.	DOZEN
23H	$5.00

CEMENT TAMPERS



One piece, cast iron; without handle. Handle No. XSCM4 fits this tool.

F NO.	Size	Wt. Each	CWT.
46	4x6 in.	7 lb	$12.00
48	4x8 in.	8 lb	12.00
66	6x6 in.	10 lb.	12.00
88	8x8 in.	15 lb.	12 00
100	10x10 in.	19 lb.	12.00

Packed in bulk.

BRICKLAYERS TOOLS

BEADING IRONS Concave Ends

Forged and drawn from the highest grade tool steel, polished, milled grooves. Each tool makes two sizes of beads, 5-16 and 3-8 inch. Used for making the bead in the mortar between brick or tile or cement work.

M NO.	For Convex Joints	Wt. Doz.	DOZEN
2	¼ and 5-16 in.	3 lb.	$8 50
3	5-16 and ⅜ in.	3 lb.	8 50
4	⅜ and 1-2 in.	3 lb.	8 50
	One End Concave, One Convex		
13	⅜ in.		8 50

JOINTERS

Marshalltown

Bricklayer's Jointers—Marshalltown

High grade tool steel; tempered and full polished. Used for striking off the joints of mortor between bricks.

M NO.	Size	Weight Doz.	DOZEN
402	⅝x8¼ in.	4 lb.	$9.00

SETS

Made of the very best grade of tool steel. Oil finish, blue tempering color—7½ inches long, ⅝-inch octagon steel handle.

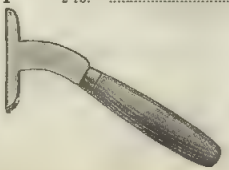
M NO.	Cut. Edge	Wt. Doz.	DOZEN
353	4 in.	15 lb.	$20.00

Packed in bulk.

TILE MARKERS

Polished spring steel blade; ⅛ in cutter, hardwood handle with polished steel ferrule. Used for marking imitation tile in mortars.

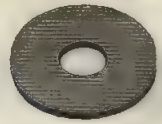
M NO.	Wt. Doz.	DOZEN
1	2 lb.	$6.00



Polished spring steel blade; 2½-inch cutter; hardwood handle with polished steel ferrule.

M NO.	Wt. Doz.	DOZEN
2	2 lb.	$6.00

CALLOUS PREVENTERS



For use on plasterers' Hawks as a protection to the hand; made of sponge rubber, ¼ inch thick; 2½ in. in diameter, with 1¼ inch hole for hawk handle.

M

NO.	Wt. Doz.	DOZEN
0	½ lb.	$4.00

Packed loose.

TAPE

M

NO.	Wt. Oz. Rolls	Ft. in Roll	POUND
10-4	4	37½	$1.00
10-8	8	75	1.00

One roll in a box

LAMP BLACK

BG-1

O-1

Suitable for general painting. This is a good, reliable and uniform black.

F

Eagle Germantown

NO.	lb Pkg.	POUND
BG-1	1	$0.50
BG-½	½	.60
BG-¼	¼	.70

Fifty pounds in a carton.

Ordinary

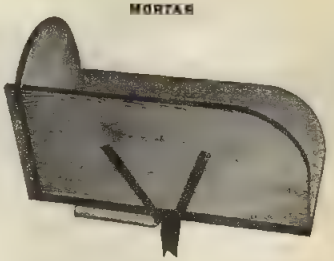
For coloring mortar and cement marking and stenciling this will be found a very satisfactory black.

NO	lb Pkg.	POUND
O-1	1	$0.35
O-½	½	.40
O-¼	¼	.45

Fifty pounds in a carton

HODS

MORTAR



Wood

F With handle.

NO.	Size	Wt. Each	EACH
175	24x11½x12 in.	19 lb.	$10.00

Steel

Formed of one piece heavy sheet steel, securely reinforced and riveted at the dumping point and is water tight. The handle socket is tightened by a bolt. With handle.

F

NO	Size In.	lb Doz	DOZEN
158	24x11½x12	160	$54.00

BRICK

Steel

The brick hod has an extra reinforcement at the upper edge and handle socket is tightened by a bolt. With handle.

F

NO.	Size In.	lb Doz.	DOZEN
182	22x7x10	110	$35 00

Hod Handles

NO.	EACH
5	$0.50

WISS REVOLVING DISPLAY ASSORTMENT J

This display unit, consisting of an electric turntable and plush covered pyramid can be used every day in the year for showing many different kinds of goods. Every store should have one. The cost of operation is less than 1 cent for 24 hours. The complete display measures 25 inches high (over all) and 18 inches wide. The motor is 10½ by 3¾ inches and the plush covered pyramid is 20 inches by 18 inches. The total weight with merchandise is 18 pounds.

Doz.	No.	Pattern	Resale Price Pair	List Price Dozen
1-12	136	Nic. St. Trim.	$1.55	$16.15
1-12	136½	Nic. St. Trim.	1.60	17.50
1-12	137	Nic. St. Trim.	1.70	18.65
1-12	137½	Nic. St. Trim.	1.80	19.50
1-12	138	Nic St. Trim.	1.85	20.50
1-12	127½	Nic Bt Trim.	1.85	20.55
1-12	128	Nic. Bt. Trim.	2.00	21.65
1-12	38	Jap St. Trim.	1.60	17.30
1-12	29	Jap Bt. Trim	2.25	24.25

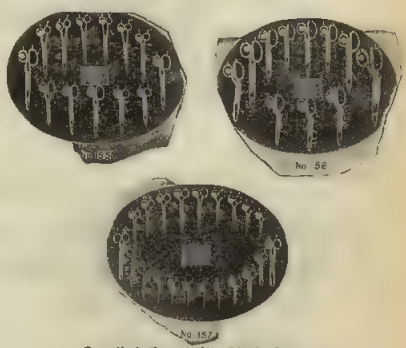
Doz.	No.	Pattern	Resale Price Pair	List Price Dozen
1-12	105	Nic. Ladies Sciss.	$1.05	$11.40
1-12	155	Nic. Ladies Sciss.	1.15	12.80
1-12	336	Nic. Ladies Sciss.	1.75	19.20
1-12	336½	Nic. Ladies Sciss.	1.90	21.00
1-12	337	Nic. Ladies Sciss.	2.20	24.00
1-12	337½	Nic. Ladies Sciss.	2.35	25.80

Doz.	No.	Pattern	Resale Price Pair	List Price Dozen
1-12	763½	S. S. Ladies Sciss.	$1.10	$12.00
1-12	764	S. S. Ladies Sciss.	1.15	12.60
1-12	764½	S. S. Ladies Sciss.	1.20	13.20
1-12	765	S. S. Ladies Sciss.	1.25	13.80
1-12	765½	S. S. Ladies Sciss.	1.30	14.40
1-12	814½	S. S. Ladies Sciss.	1.35	15.60
1-12	816	S. S. Ladies Sciss.	1.65	18.00
1-12	774	S. S. Emb. Sciss.	1.30	14.40
1-12	148	Nic. Barber Sciss.	2.00	20.50
1-12	447½	Fr. Barber Sciss.	2.30	22.45
1-12	14	Nic. Buttonhole Sciss.	1.65	18.00

Doz.	No.	Pattern	Resale Price Pair	List Price Dozen
1-12	164	Nic. Pocket Sciss.	$1.10	$12.00
1-12	364	S. S. Pocket Sciss.	1.25	13.80
1-12	503¾	S. Manicure Sciss.	1.50	16.20
1-12	573	S. S. Manicure Sciss	1.50	16.20
1-12	573½	S. S. Manicure Sciss	1.65	18.00
1-12	623½	C. D. Pedicure	1.20	16.20
NO.				EACH
900				$70.00

Note: Customer may make up own assortment of shears and purchase display separately.

OVAL PLUSH PANELS



Supplied Free With Stock Orders

These panels are for window displays, and inside store display.

They are substantially made of hardwood, covered with silk plush. Hooks are provided with space for two pairs of each number.

J

SHEARS

Clayton

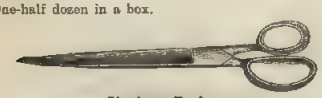
Ferrosteel, heavily nickel plated, highly finished.

NO.	Length	Wt. Dozen	DOZEN
30-6	6 in.	2½ lb.	$ 9.00
30-7	7 in.	3 lb.	10.80
30-8	8 in.	5 lb.	12.00

Cast steel, full nickel plated; brass bolt and nut; straight pattern.

NO.	Length	Wt. Dozen	DOZEN
165-6	6 in.	2½ lb.	$6.00
165-7	7 in.	3 lb.	7.80
165-8	8 in.	5 lb.	9.00

One-half dozen in a box.



Clayton—Bankers

Cast steel, full nickel plated; brass bolt and nut.

NO.	Length	Wt. Dozen	DOZEN
56-10	10 in.	4½ lb.	$12.00

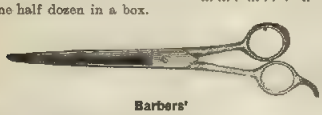
One-half dozen in a box.

Clayton—Bent Trimmers

Cast steel, full nickel plated; brass nut and bolt; bent frame.

NO.	Length	Wt. Dozen	DOZEN
175-6	6 in.	2½ lb.	$ 7.80
175-7	7 in.	3 lb.	9.00
175-8	8 in.	5 lb.	10.80

One half dozen in a box.



Barbers'

Cast steel, full nickel plated.

NO.	Length	Wt. Dozen	DOZEN
44-8½	8½ in.	2½ lb.	$9.00

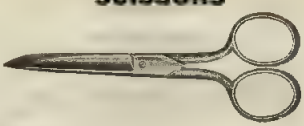
SCISSORS

Clayton—Pocket

Cast steel, nickel plated, blades and bows.

NO.	Length	Wt. Doz.	DOZEN
240-4	4 in.	1 lb.	$3.00
240-4½	4½ in.	1½ lb.	3.60

SCISSORS



Clayton—School

Cast steel, nickel plated.

NO.	Length	Wt. Doz.	DOZEN
255-4	4 in.	¾ lb.	$4.20
255-5	5 in.	1 lb.	5.40
255-6	6 in.	1½ lb.	7.20

One-half dozen in a box.

Clayton—Kiddie School Shears—Cast Steel

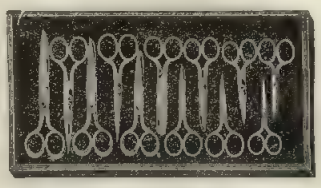
Leatherette finish; trimmer handle; nickel plated blades.

NO.	Length	Wt. Doz.	DOZEN
235	4½ in.	2½ lb.	$3.00

Nickel handles and blades.

NO.	Length	DOZEN
235N.P.	4½ in.	$3.00

ASSORTMENTS



Assortments

Cast steel, nickel plated blades and bows, consists of the following—

1 only, 4 inch Ladies' — 2 only, 5½ inch Ladies'
2 only, 4½ inch Ladies' — 1 only, 6 inch Ladies'
2 only, 5 inch Ladies' — 2 only, 4½ inch Pocket
1 only, 4½ inch Button Hole

NO.		ASST.
45	Asst. of 12 Scissors	$6.00

Assortments

This assortment consists of cast steel shears, full nickel plated, assorted straight and bent handles.

Consisting of one-sixth dozen each 6, 6½, 7, 7½ and 8 inch; one-twelfth dozen each 8½ and 9 inch.

NO.		ASST.
188	Assortment of 12 Shears	$7.20

Packed in an attractive counter display case.

SHEAR AND SCISSOR ASSORTMENTS J

WALL DISPLAY CASE

A beautiful golden oak finish wall display case, size 33x17x3 inches with glass door front. Pins for hanging shears long enough to accommodate three pair. Stock is always on display and kept in clean salable condition. This case will greatly increase your shear sales.

No. 300 Assortment

Case contains twenty-one staple numbers, as follows—

Ladies' Scissors—Nickel Plated

Quantity	Stock No.		DOZEN
1/12 doz.	763½		$13.20
1/12 doz.	764		13 80
1/12 doz.	765		15.00
1/12 doz.	765½		15.60
1/12 doz.	766		16.80
1/12 doz.	815		18.60
1/12 doz.	816		19.80

Barbers' Shears—Nickel Plated

Quantity	Stock No.		DOZEN
1/12 doz.	147		$21.60
1/12 doz.	623½	Nail Scissors	18.00
1/12 doz.	503½	Cuticle Scissors	18.00

Straight Trimmers—Nickel Plated

Quantity	Stock No.		DOZEN
1/6 doz.	136		$18.60
1/6 doz.	136½		19.20
1/6 doz.	137		20.40
1/6 doz.	137½		21 60
1/6 doz.	138		22.20
1/12 doz.	138½		24.00

Straight Trimmers—Japanned

Quantity	Stock No.		DOZEN
1/6 doz.	37		$17.40
1/6 doz.	37½		18.60
1/6 doz.	38		19.20

Bent Trimmers—Nickel Plated

Quantity	Stock No.		DOZEN
1/12 doz.	127		$21.60
1/12 doz.	128		24.00

NO.		EACH
300 Asst.	2 5/12 doz. pcs.	$48.20

No. 100 Assortment

With wall display case illustrated.

Case contains ¼ dozen each of twenty-four staple numbers, as follows—

Ladies' Scissors—Nickel Plated

Quantity	Stock No.	DOZEN
¼ doz.	155	$13.80
¼ doz.	155½	14.40
¼ doz.	156	15.00
¼ doz.	763½	13.20
¼ doz.	764	13.80
¼ doz.	815	18.60
¼ doz.	816	19.80

Pocket Scissors—Nickel Plated

Quantity	Stock No.	DOZEN
¼ doz.	164	$13.20
¼ doz.	865	16.80

Barbers' Shears—Nickel Plated

Quantity	Stock No.		DOZEN
¼ doz.	148		$24.00
¼ doz.	664	Nail Scissors	19.80
¼ doz.	573½	Cuticle Scissors	19.80
¼ doz.	14	Button Hole Sci.	19.80

Straight Trimmers—Nickel Plated

Quantity	Stock No.	DOZEN
¼ doz.	136	$18 60
¼ doz.	136½	19.20
¼ doz.	137	20.40
¼ doz.	137½	21.60
¼ doz.	138	22.20
¼ doz.	138½	24.00

Straight Trimmers—Japanned

Quantity	Stock No.	DOZEN
¼ doz.	37	$17.40
¼ doz.	37½	18.60
¼ doz.	38	19.20

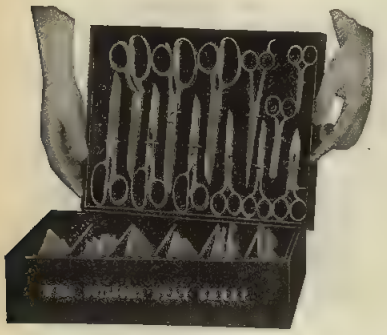
Bent Trimmers—Nickel Plated

Quantity	Stock No.	DOZEN
¼ doz.	126½	$20.40
¼ doz.	128	24.00

NO.		EACH
100 Asst.	6 doz. pieces	$111.90

Scissors and Shears aremeasured in inches over all. (bows and blades).

J WISS SHEAR AND SCISSOR ASSORTMENT



Intended for use on top of show case. Twelve different sizes and patterns displayed on the plush tray which forms the cover of the box. Compartments below for reserve stock.

Trays are detachable and can be placed before a customer to facilitate selection. Assortment is comprised of a dozen staple sizes and patterns of Wiss shears. Selected especially for retailers whose business does not warrant a complete stock.

Two pair of each number. One on the tray and one in the box below.

Assortments

Doz.	NO.	Pattern	EACH
1-6	136	Straight Trimmers	$1.55
1-6	137	Straight Trimmers	1.70
1-6	138	Straight Trimmers	1.85
1-6	127½	Bent Trimmers	1.85
1-6	147½	Barbers' Shears	1.80
1-6	336	Ladies' Scissors	1.75
1-6	815	Ladies' Scissors	1 55
1-6	764	Embroidery Scissors	1.15
1-6	464	Pocket Scissors	1.20
1-6	44	Buttonhole Scissors	1.90
1-6	503½	Manicure Scissors	1.20
1-6	623½	Nail Scissors	1.20

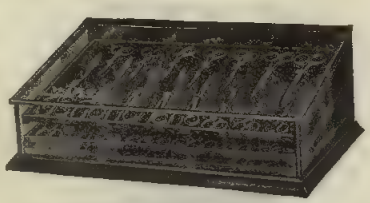
Asst. 24 Complete (with case) $37 40

EMPTY DISPLAY BOXES

Wiss Plush Top Show Case Display Boxes size 10½x 14 in.—with box 3½ inches deep partitioned to hold reserve stock.

Top tray holds 12 pair scissors and shears.

NO.	EACH
75DB	$1.25



Glass Top Counter or Show Case Display

Made attractive enough to fit with any stores fixtures. Plate glass top and sides.

Holds three orange plush covered trays. Fitted with spring clips to hold shears and scissors in place.

Tray No. 1 Holds (12 Shears)

One pair of each of the following Nos.—

136	$1.55	127	1.80
137	1.60	127½	1.85
137½	1.65	128½	2.25
138	1 70	37½	1.55
336½	1.85	27	1.55
337½	2.35	28	1.70
Total Value			$21.40

Tray No. 2 Holds (15 Scissors)

One pair of each of the following Nos.—

763½	$1.10	814½	1.35
764	1.15	815	1.55
764½	1.20	815½	1.60
765	1.25	816	1.65
765½	1.30	816½	1.80
766	1.40	155½	1.20
814	1.30	773½	1.25
		774½	1 45
Total Value			$20.55

Tray No. 3 Holds (15 Shears & Scissors)

One pair of each of the following Nos.—

147	$1.70	364½	1.30
147½	1.80	365½	1.50
148	1.85	44	1.35
447½	2.05	623½	1.20
463½	1.15	663½	1.50
164	1 10	573	1.35
165	1.20	573½	1.50
		503½	1.20
Total Value			$22.25

Complete Assortment

NO.		ASST
A600	42 Pieces and Case	$61.20

Case Only

NO.		EACH
600		$10.00

SHEARS AND SCISSORS J

WISS

Certificate of Guarantee.

THIS IS TO CERTIFY *that every article bearing our trade mark is unrestrictedly guaranteed by us to be absolutely perfect. Wiss dealers are authorized to exchange any unsatisfactory article having this trade mark*

WISS

J. WISS & SONS CO.

J. Wiss & Sons Co.

TAILORS SHEARS

N Type

Light pattern with Simplex adjusting bolt.

NO.	Full Lgth.	Lgth. Cut	Wt. Ea.	PAIR
3 N	12 in.	6½ in.	1⅜ lb.	$ 7.70
3½N	12½ in.	6½ in.	1⅜ lb.	8.25
4 N	12½ in.	6½ in.	1⅜ lb.	9.10
4½N	13 in.	6⅝ in.	1½ lb.	11.00

N Type

Heavy pattern with Simplex adjusting bolt.

NO.	Full Lgth.	Lgth. Cut	Wt. Ea.	PAIR
5 N	13 in.	6⅝ in.	2¼ lb.	$14.50
6 N	13½ in.	6⅝ in.	2½ lb.	16.50
7 N	14 in.	7 in.	2⅝ lb.	18.50
8 N	14½ in.	7⅜ in.	3 lb.	20.00
9 N	15 in.	7⅜ in.	3¼ lb.	21.60

3N to 5N, two pair in a box. 6N to 10N, one pair in a box.

THE WISS SIMPLEX SHEAR BOLT. Patent Applied For

Fitted on N Pattern Tailor Shears

No spring, no levers or other parts to be lost or become out of order.

The shear can be easily taken apart and the lint and dirt that invariably collects under a shear bolt removed.

The bolt, when taken out of the shear, consists of only two pieces and can only be replaced correctly.

The operator can quickly adjust the shear to work looser or tighter by a slight turn of the nut.

TAILORS, UPHOLSTERERS OR CARPET SHEARS

I. S. Pattern

NO.	Full Lgth.	Lgth Cut	Wt. Ea.	PAIR
2 I.S.	10½ in.	5 in.	1 lb.	$4.40
3 I.S.	11½ in.	5½ in.	1¼ lb.	4.95
4 I.S.	12 in.	6¼ in.	1½ lb.	6.05

Two pair in a box.

TAILORS POINTS

Solid Steel

Japanned handles, nickel blades.

NO	Full Lgth.	Lgth. Cut	Wt Doz.	DOZEN
75½	5½ in.	2⅜ in.	1⅜ lb.	$12.60

BUTTON HOLE CUTTERS

NO.	Full Lgth. In.	lb Doz.	DOZEN
Bauer's	9⅜	14½	$39.00

Shears are measured in inches over all (bows and blades).

J

WISS SHEARS

STRAIGHT TRIMMERS

Steel Forged

Generally known as the household or dressmaking shear. Straight trimmers, ten inches or over, are made with two sharp points; the smaller sizes have one sharp and one blunt point. Steel forged and handsomely finished in either full nickel plate, or with japanned handles and nickeled blades. The properly designed handles and perfect adjustment make it possible for one to use them for hours without tiring the hand.

NO.	Full Lgth.	Lgth. Cut	Wgt. Doz.	DOZEN
35¼	5½ in.	2⅛ in.	1⅞ lb.	$11 40
36	6 in.	2⅝ in.	2 lb.	15.60
36¼	6½ in.	3 in.	2¼ lb.	15.60
37	7 in.	3¼ in.	2⅝ lb	17.40
37¼	7½ in.	3⅝ in.	3¼ lb.	18.60
38	8 in.	3⅞ in.	4¼ lb.	19.20
38¼	8½ in.	4 in.	4½ lb.	20 40
39	9 in.	4⅛ in.	5⅓ lb	24 00
30	10 in.	4⅞ in.	8½ lb.	28.80
32	12 in.	6⅛ in.	12½ lb.	36 60

Made for use with left hand.

NO.	Full Length	Lgth. Cut	Wt. Doz.	DOZEN
37¼ L.H.	7½ in.	3⅝ in.	3¼ lb.	$22.80

Full Nickel Plated

NO.	Full Lgth.	Lgth. Cut	Wgt. Doz.	DOZEN
135¼	5½ in.	2⅛ in.	1⅞ lb.	$16 20
136	6 in.	2⅝ in.	2 lb	18.60
136¼	6½ in.	3 in.	2¼ lb.	19 20
137	7 in.	3¼ in.	2⅝ lb.	20 40
137¼	7½ in.	3⅝ in.	3¼ lb.	21.60
138	8 in.	3⅞ in.	4¼ lb.	22.20
138¼	8½ in.	4 in.	4½ lb.	24.00
139	9 in.	4⅛ in.	5⅓ lb.	28.20
130	10 in.	4⅞ in.	8½ lb.	36.00

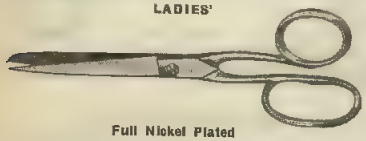
Made for use with left hand.

NO.	Full Length	Lgth. Cut	Wt. Doz.	DOZEN
137¼ L.H.	7½ in.	3⅝ in.	3¼ lb.	$27.60

Stainless Steel

NO.	Full Lgth. In.	Lgth. Cut In.	Lb Doz.	DOZEN
6136	6	2⅝	2	$30.00
6137	7	3¼	2⅝	33.00
6138	8	3⅝	4¼	39.60

LADIES'



Full Nickel Plated

With trimmer handles. Solid steel, full nickel plated crocus finish. Extremely light pattern. The finest ladies' shears made.

NO	Full Lgth.	Lgth Cut	Wgt. Doz.	DOZEN
336	6 in.	2⅝ in.	1⅛ lb.	21.60
336½	6½ in.	3 in.	1⅝ lb.	22.80
337	7 in.	3⅜ in.	2 lb.	26.10
337½	7½ in.	3½ in.	2½ lb.	28.20
338	8 in.	3½ in.	2⅞ lb.	30.60

BENT TRIMMERS

Steel Forged

The handles are so bent that cloth or other material can be cut lying flat on the table. Bent trimmers, nine and a half inches or over, are made with two sharp points; smaller sizes with one sharp and one blunt point. Steel forged and finished in either full nickel plate or with japanned handles and nickeled blades

NO.	Full Lgth.	Lgth. Cut	Wgt Doz.	DOZEN
26	6 in.	2⅛ in.	2 lb.	$15.60
26½	6½ in.	2⅝ in.	2⅜ lb.	16.80
27	7 in.	3⅛ in.	3 lb.	18.60
27½	7½ in.	3⅜ in.	3½ lb.	19 20
28	8 in.	3⅞ in.	4½ lb.	20 40
28½	8½ in.	4 in.	4⅝ lb.	22 80
29	9 in.	4⅛ in.	6 lb.	27 00
29½	9½ in.	4½ in.	8½ lb	28 80
20	10 in.	4⅝ in.	9 lb	31 80
21	11 in.	5⅜ in.	9½ lb.	36 00
22	12 in.	6½ in.	13 lb.	37.80
23F	13 in.	6⅞ in.	17 lb.	45 00

Compton Brand

NO.	Full Lgth	Lgth Cut	Wgt. Doz.	DOZEN
2	12 in.	5⅞ in.	15 lb.	$33.00

Wiss—Full Nickel Plated

NO.	Full Lgth	Lgth. Cut	Wgt. Doz.	DOZEN
126	6 in.	2⅛ in.	3 lb.	$19.20
126½	6½ in.	2⅝ in.	2⅝ lb.	20.40
127	7 in.	3⅛ in.	3 lb.	21 60
127½	7½ in.	3⅜ in.	3½ lb.	22 80
128	8 in.	3⅞ in.	4½ lb.	24 00
128½	8½ in.	4 in.	4⅝ lb.	27.00
129	9 in.	4⅛ in.	6 lb.	31.80
120	10 in.	4⅝ in.	9 lb.	37.80

Japanned Handles—Nickel Blades

Made for use with left hand.

NO.	Full Lgth.	Lgth. Cut	Wgt. Doz	DOZEN
20 L.H.	10 in.	4⅝ in.	9 lb.	$37 80
21 L.H.	11 in.	5⅜ in.	9½ lb.	11.40

RUBBER WORKERS' MANUFACTURING

Japanned Handles

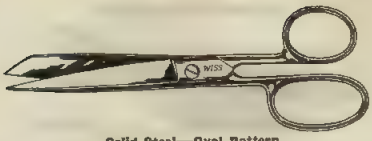
Extra heavy. Designed for manufacturing purposes.

NO.	Full Lgth.	Lgth Cut	Wgt. Doz.	DOZEN
20W	10 in.	4⅝ in.	10½ lb.	$37.20
21WF	11 in.	5⅜ in.	12 lb.	43.80
22WF	12 in.	6 in.	16½ lb.	46.20

All one-half dozen in a box.

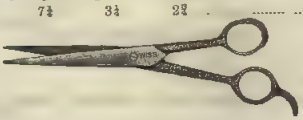
Shears are measured in inches over all (bows and blades).

WISS SCISSORS J



Solid Steel—Oval Pattern

NO.	Full Lgth. In.	Lgth. Cut In.	lb Doz.	DOZEN
999	7½	3¼	2¾	$16.20



De Luxe Pattern

Specially hardened. Hand forged from highest quality tool steel, glass finish. Rough mottled bows.

NO.	Full Length	Cut	Wt. Doz.	DOZEN
1000	7½ in.	2¼ in.	2 lb.	$33.00

BARBERS

Jointless pattern; shanks and handles, hammered finish. Fully nickel plated.

NO.	Full Lgth. In.	Lgth. Cut In.	lb Doz.	DOZEN
407½	7½	3	1¾	$19.80

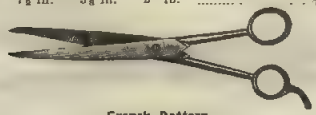
American Pattern—Full Nickel Plated

Steel forged.

NO.	Full Lgth.	Lgth. Cut	Wgt. Doz.	DOZEN
147	7 in.	3⅜ in.	1¾ lb.	$21 60
147½	7½ in.	3⅝ in.	2 lb.	22 80
148	8 in.	3⅝ in.	2¼ lb.	24 00
148½	8½ in.	3⅞ in.	2½ lb.	25.20

Japanned Handles—Nickel Blades

NO	Full Lgth.	Lgth. Cut	Wgt. Doz	DOZEN
47¼	7¼ in.	3⅜ in.	2 lb.	$19 80



French Pattern

Solid steel, nickel plated handles; polished blades.

NO.	Full Lgth.	Lgth. Cut	Wgt. Doz.	DOZEN
446½	6½ in.	2⅜ in.	1½ lb.	$25.20
447	7 in.	2½ in.	1¾ lb.	26.40
447½	7½ in.	3⅛ in.	2 lb.	27.60
448	8 in.	3⅜ in.	2¼ lb.	29.40

RUBBER

Extra heavy and especially hard tempered to withstand the strain of rubber cutting. Can be used for an indefinite time without tiring the hand. Japanned handles; nickel blades.

NO.	Full Lgth.	Lgth. Cut	Wt. Doz.	DOZEN
39½	9¾ in.	5 in.	8 lb	$28.80

"COMPTON" BRAND

Japanned handles, nickel plated blades.

NO.	Full Lgth.	Lgth. Cut	Wgt. Doz.	DOZEN
43	9½ in.	4¾ in.	7½ lb	$24.00

WISS—CANDY

Extra heavy, with steel bolt and nut. Wide japanned handles. Nickeled blades. Also used as a fish shear in packing house.

NO.	Full Length	Length Cut	Wt. Doz.	DOZEN
10½C	10½ in.	5 in	12 lb.	$37.80

WISS—GLASS

Steel Forged

Japanned handles; nickeled blades, blunt points

NO.	Full Lgth.	Lgth of Cut	Wt. Doz	DOZEN
11G	11 in.	5 in.	11 lb.	$36.00

WISS—LEATHER OR BELT

Japanned handles, polished blades. One serrated edge, one knife edge.

NO.	Full Lgth.	Lgth of Cut	Wt. Doz	DOZEN
9L	9 in.	5 in.	10 lb.	$34 20

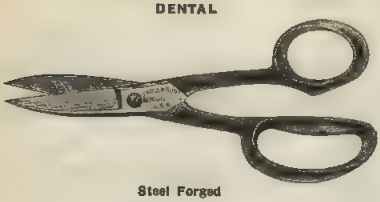
All one-half dozen in a box.

Shears are measured in inches over all (bows and blades).

J

WISS SNIPS

DENTAL

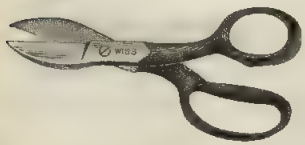


Steel Forged

Made especially for dentists' and jewelers' work. An extra fine snip for cutting the precious metals, templates and light or thin metals.

NO.	Full Lgth.	Lgth. Cut	Wt. Doz.	DOZEN
0	7½ in.	2 in.	4 lb.	$17.40
1	8 in.	2½ in.	4½ lb.	18.60

ELECTRICAL AND AUTO



Used by electricians and auto mechanics for light metal and shimming works, heavy offset blades.

NO.	Full Length	Cut	Wt. Doz.	DOZEN
I.D.A.	7½ in.	2 in.	4½ lb.	$17.40

TIRE TRIMMERS OR ROACHING SHEARS

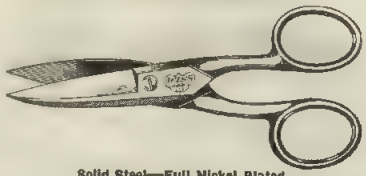
Steel Forged

Double ring japanned handles; polished, curved blades.

NO.	Full Lgth.	Lgth. Cut	Wt. Doz.	DOZEN
02	9 in.	4 in.	6 lb.	$34.20

WISS SHEARS

ELECTRICIANS SCISSORS



Solid Steel—Full Nickel Plated

NO.	Full Lgth.	Lgth. Cut	Wt. Doz.	DOZEN
175E	5 in.	1¾ in.	2 lb.	$15.60

One-half dozen in a box.

PAPER OR DESK WITH TRIMMER HANDLES

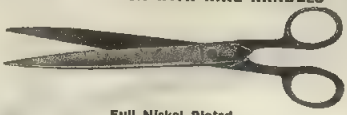
Full Nickel Plated

NO.	Full Lgth.	Lgth. Cut	Wt. Doz.	DOZEN
180	9 in.	4⅞ in.	3⅜ lb.	$28.20
180	10 in.	5½ in.	4½ lb.	34.80
182	12 in.	7½ in.	7½ lb.	42.60

Japanned Handles—Nickel Blades

NO.	Full Lgth.	Lgth. Cut	Wt. Doz.	DOZEN
80	9 in.	4⅞ in.	3⅜ lb.	$24.00
80	10 in.	5½ in.	4½ lb.	28.80
82	12 in.	7½ in.	7½ lb.	34.80
84	14 in.	9 in.	10 lb.	45.60

PAPER OR DESK WITH RING HANDLES



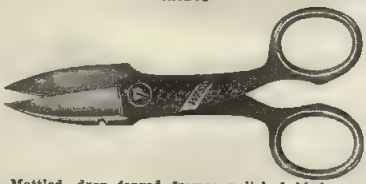
Full Nickel Plated

NO.	Full Lgth.	Lgth. Cut	Wt. Doz.	DOZEN
198	8 in.	5 in.	2¼ lb.	$22.20
199	9 in.	5⅝ in.	2⅝ lb.	28.20
190L	10 in.	6⅝ in.	3½ lb.	34.80

Japanned Handles—Nickel Blades

NO.	Full Lgth. In.	Lgth Cut In.	lb Doz.	DOZEN
90	9	5⅛	2⅝	$24.00

RADIO



Mottled, drop forged frame; polished blades, solid steel.

NO.	Full Length	Length Cut	Wt. Doz.	DOZEN
075E	5 in.	2 in.	2½ lb.	$12.00

All one-half dozen in a box.

Shears are measured in inches over all (bows and blades).

WISS SCISSORS

J

LADIES'

Light Flat Pattern

Solid steel, one sharp and one blunt point, extra fine finish, full nickel plated.

NO.	Full Lgth.	Lgth Cut	Wgt. Doz.	DOZEN
818½	3½ in.	1⅜ in.	¼ lb.	$15.00
814	4 in.	1⅝ in.	⅜ lb.	15.60
814½	4½ in.	2 in.	⅜ lb.	16.20
815	5 in.	2¼ in.	1 lb.	18.60
815½	5½ in.	2½ in.	1¼ lb.	19.20
816	6 in.	2¾ in.	1½ lb.	19.80
816½	6½ in.	3 in.	1⅝ lb.	21.60
817	7 in.	3¼ in.	2 lb.	24.00

Stainless Steel

NO.	Full Lgth. In.	Lgth. Cut In.	lb Doz.	DOZEN
8815	5	2¼	1	$26 40

Oval Pattern

Solid steel, double points, extra fine finish, full nickel plated.

NO.	Full Lgth.	Lgth Cut	Wgt. Doz.	DOZEN
763	3 in.	1 in.	¼ lb.	$13.20
763½	3½ in.	1¼ in.	⅜ lb.	13.20
764	4 in.	1⅝ in.	1 lb.	13.80
764½	4½ in.	1⅞ in.	1¼ lb.	14.40
765	5 in.	2 in.	1½ lb.	15.00
765½	5½ in.	2¼ in.	1⅝ lb.	15.60
766	6 in.	2½ in.	2 lb.	16.80

Heavy Service Full Nickel Plated

Flat pattern; ring handles; solid steel.

NO.	Full Lgth.	Lgth Cut	Wgt. Doz.	DOZEN
154½	4½ in.	2 in.	1 lb.	$13.20
155	5 in.	2¼ in.	1¼ lb	13.80
155½	5½ in.	2½ in.	1½ lb.	14 40
156	6 in.	2⅝ in.	1⅝ lb.	15.00
156½	6½ in.	3 in.	2 lb.	16 20

Japanned Handles—Nickeled Blades

NO.	Full Lgth.	Lgth Cut	Wgt. Doz.	DOZEN
54½	4½ in.	2 in.	1 lb.	$11.40
55	5 in.	2¼ in.	1¼ lb.	12.00
55½	5½ in.	2½ in.	1½ lb.	12.60
56	6 in.	2⅝ in.	1⅝ lb.	13.20
56½	6½ in.	3 in.	2 lb.	13.80

All one-half dozen in a box.

LADIES

Jointless Pattern

Solid steel; full nickel plated.

NO.	Full Lgth. In.	Lgth. Cut In.	lb Doz.	DOZEN
104	4	1⅝	⅜	$11.40
105	5	2¼	1	12.60
106	6	3	1¼	13.20

MANICURE OR CUTICLE

Professional Model

Solid steel hexagon shanks. Curved blade. Pro points. Full nickel plated.

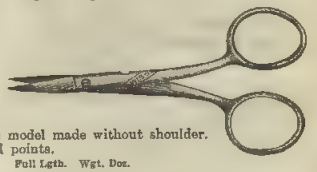
NO.	Full Length	Wt. Doz.	DOZEN
583½	3½ in.	¼ lb	$22.80

Pro-Points (Needle)

563½	3½ in.	¼ lb.	$33.00

Professional pattern, solid steel, full nickel plated, curved blades.

NO.	Full Length	Wt. Dozen	DOZEN
573	3 in.	⅜ lb.	$17.40
573¾	3¾ in.	½ lb.	19.80
574¼	4¼ in.	⅝ lb.	22.00



This model made without shoulder. Curved points.

NO.	Full Lgth.	Wgt. Doz.	DOZEN
503	3 in.	⅜ lb	$16.20
503½	3½ in.	½ lb	17.40

All one-half dozen in a box.

Stainless Steel

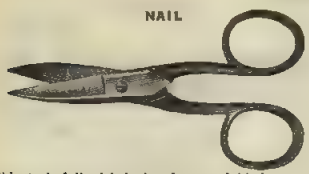
NO.	Full Lgth. In.	lb Doz.	DOZEN
8503½	3	½	$23.10

Scissors are measured in inches over all (bows and blades).

J

WISS SHEARS

NAIL



Solid steel, full nickel plated, curved blades.

NO.	Full Lgth.	Wgt. Doz.	DOZEN
663	3 in.	½ lb.	$16 20
663½	3½ in.	⅝ lb.	18.00
664	4 in.	¾ lb.	19 80

Heavy blade, this model made without shoulder.

NO.	Full Length	Wt. Doz.	DOZEN
623½	3½ in.	⅝ lb.	$18 00

Stainless Steel

NO.	Full Lgth. In.	lb Doz.	DOZEN
8623½	3½	⅝	$22.80

POCKET

Small flat pattern. Solid steel, full nickel plated.

NO	Length	Lgth Cut	Wt Doz.	DOZEN
463	3 in.	1 in.	½ lb.	$13 20
463½	3½ in.	1½ in.	⅝ lb.	13 80
464	4 in.	1½ in.	¾ lb.	14.40

Large flat pattern. Solid steel, full nickel plated.

NO.	Length	Lgth. Cut	Wt. Doz.	DOZEN
104	4 in.	1⅝ in.	1 lb.	$13.20
104½	4½ in.	2 in.	1⅛ lb.	13.80
105	5 in.	2½ in.	1⅜ lb.	14.40

Large flat pattern. Japanned handles, nickel blades.

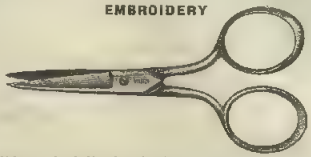
NO.	Length	Lgth. Cut	Wt. Doz.	DOZEN
64	4 in.	1⅝ in.	1⅛ lb.	$11.40
64½	4½ in.	2 in.	1⅛ lb.	12.00
65	5 in.	2½ in.	1⅜ lb.	12 60

POCKET

Diamond pattern. Solid steel, full nickel plated.

NO.	Length	Lgth. Cut	Wt	Doz.	DOZEN
364	4 in.	1⅝ in.	1	lb.	$15.00
364½	4½ in.	1⅞ in.	1⅛	lb.	15.60
365	5 in.	2 in.	1⅜	lb.	16 80
365½	5½ in.	2⅛ in.	2	lb.	18.00
366	6 in.	2⅝ in.	2⅛	lb.	19 20

EMBROIDERY



Solid steel, full nickel plated, needle points.

NO.	Lgth. In.	Lgth. Cut In.	lb Doz.	DOZEN
773	3	1	⅜	$14.40
773½	3½	1¼	⅜	15.00
774	4	1⅜	½	15.60
774½	4½	1½	½	17.40
775½	5½	2⅛	1	19.20
776½	6½	3	1¼	21.60

Stainless Steel

NO.	Full Lgth. In.	Lgth. Cut In.	lb Doz.	DOZEN
8774	4	1⅜	½	$23.10

BUTTONHOLE

Solid Steel

With set screw and lock nut. Full nickel plated.

NO.	Length	Wt. Dozen	DOZEN
14	4¾ in.	1⅜ lb.	$19 80

Light Pattern

With ratchet adjustment. Full nickel plated.

NO.	Length	Wt. Doz.	DOZEN
44	4⅞ in.	1⅜ lb.	$22.80

All one-half dozen in a box.

Shears and Scissors are measured in inches over all (bows and blades).

SHEARS

EQUITY BRAND

Made by Wiss—Steel Laid Blades

Guaranteed

This brand represents a shear made of the same materials, by the same workmen as our highest grade Wiss Brand but which thru some minor blemish does not pass rigid inspection demanded on Wiss branded goods. Cutting qualities are not affected.

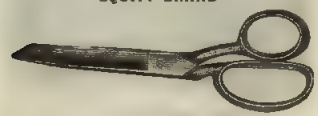
Straight Nickel Plated Trimmers

NO.	Length	Wt. Dozen	DOZEN
5136	6 in.	2 lb	$11 10
5137	7 in.	2¾ lb	12.60
5137½	7½ in.	3¼ lb	13.80
5138	8 in.	4¼ lb	15.00

Straight Japanned Handle Trimmers

NO.	Length	Wt. Dozen	DOZEN
536	6 in.	2 lb	$10.20
537	7 in.	2¾ lb	10.40
538	8 in.	4¼ lb	11.40

EQUITY BRAND



Made by Wiss—Steel Laid Blades

Larger sizes in this pattern are used largely in shop and factory work.

Bent Nickel Plated Trimmers

NO.	Length	Wt. Dozen	DOZEN
5126	6 in.	2 lb	$12.00
5127	7 in.	3 lb	12.60
5128	8 in.	4¼ lb	13.80
5129	9 in.	6 lb	16.80

Bent Japanned Trimmers

NO.	Length	Wt. Dozen	DOZEN
526	6 in.	2 lb	$10.80
527	7 in.	3 lb	11.40
528	8 in.	4¼ lb	13.00
529	9 in.	6 lb	15.00
520	10 in.	9 lb	18.00

All packed one-half dozen in a box.

EQUITY BRAND

Made by Wiss

American pattern. Steel laid blades.

Barbers'—Nickel Plated

NO.	Length	Wt. Dozen	DOZEN
5147½	7½ in.	2 lb	$15.00

Barbers'—Japanned

NO.	Length	Wt. Dozen	DOZEN
547½	7½ in.	2 lb	$12.60

SCISSORS

EQUITY BRAND

Made by Wiss

Solid steel, full nickel plated.

Ladies

NO.	Length	Wt. Dozen	DOZEN
5815	5 in.		$11.40
5816	6 in.		12.40

EQUITY BRAND

Made by Wiss—Embroidery

Solid steel; two sharp points; full nickel plated.

NO.	Length	Wt. Doz.	DOZEN
5763½	3½ in.	2 lb	$9.00

HENKEL

Solid steel; full nickel plated. Two sharp points.

School

NO.	Length	Wt. Dozen	DOZEN
4146	5 in.	1 lb.	$9 00

Made by Wiss—Pocket

Solid steel; full nickel plated; flat pattern.

NO.	Length	Wt. Doz.	DOZEN
5164½	4½ in.	1½ lb	$9.00

Clayton—Pocket

Solid steel, full nickel plated. Flat light pattern.

NO.	Length	Wt. Doz.	DOZEN
3456	4½ in.	2 lb	$9.00

SCISSOR SETS

J

THREE PIECE SET

Case of beautifully stamped snake leather. Genuine leather with plush lining.

This style of case is extremely popular because of its daintiness and compact arrangement. Case contnains:

One Pr. 336 Ladies' Scissors, length 6 in.
One Pr. 815 Ladies' Scissors, length 5 in.
One Pr. 773½ Embroidery Scissors, length 3½ in.
All with Gold Handles.

NO.	Size Case In.	Oz. Ea.	SET
24	2¾x1¾x6	7	$8.50

Packed each set in a box.

TWO PIECE SET

Genuine leather case, satin lined. Containing: one pair No. 336 Ladies' Scissors, one pair No. 773½ Embroidery Scissors, gold handles.

NO.	SET
22	$6.00

FOUR PIECE SET

Case is made of genuine leather, lined with satin and plush. Well constructed and durable. Finished in the most attractive manner.

7-in. Sewing Shears No. 337
6-in. Ladies' Scissors No. 816
5-in. Ladies' Scissors No. 815
3½-in. Embroidery Scissors No. 773½

All have gold-plated handles.

NO.	Size Case In.	Oz. Ea.	SET
4B	5¾x1¾x7¾	12	$11.00

WISS
SCISSORS
IN SETS

THREE-PIECE SET

Imported (German) Scissor Sets

Stiff leather case, shaped and lined. Contains one each 3½-inch embroidery, 4¾ and 5¾-inch ladies' fancy handle scissors in individual compartments, all fully plated and polished.

NO.	Size In.	Wt. Ea.	EACH
8503	2¾x1¾x6	6 oz.	$3.00

DESK SETS

"Wiss"

Paper cutter and 8 in. Desk Scissors No. 198, both with gold plated handles. Well made sheath of maroon leather with brass ferrule.

NO	Wt Each	SET
18	5 oz.	$3.50

Imported (German) Desk Set

Same in description as No. 18 Wiss but with nickel plated implements.

NO.	Wt. Each	SET
11863	7 oz.	$3.00

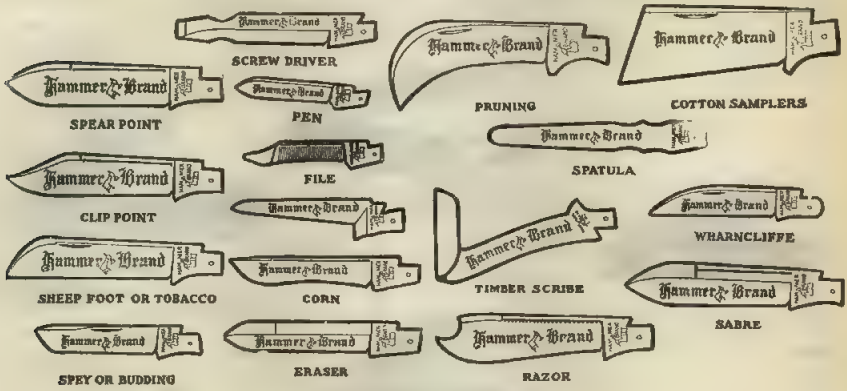
Packed each set in a box.

HAMMER BRAND POCKET KNIVES

For over seventy-five years "Hammer Brand" Pocket Knives by placing "Quality" first in material and workmanship have been recognized as a most dependable product. Blades are of a special special crucible steel, forged, hardened and tempered by a process developed from years of practical experience. The springs, linings and bolsters are of the best material obtainable, prices being gauged according to finish and various types of handles used on the different styles.

"MADE TO CUT AND STAY SHARP"

TYPES OF POCKET KNIFE BLADES



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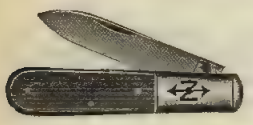
J HAMMER BRAND POCKET KNIVES



Barlow

Bone handle; one large spear blade; steel lined; metal bolster; length 3¼ in.

NO.	lb Doz	DOZEN
1506	1⅛	$6.00

Cocobolo wood handle; spear blade; steel lined; metal bolster; length 3¼ in.

NO.	lb Doz.	DOZEN
1750	1⅛	$6.00

Chain

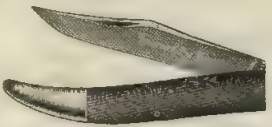
Cocobolo wood handle with chain; one spear blade; glazed finish; steel lined; metal bolster; length 3 in.

NO.	lb Doz.	DOZEN
127	1⅛	$6.00

One-half dozen in a box.

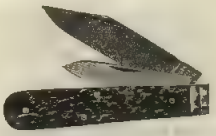
Stag handle; 1 sabre clip blade, polished; brass lining; nickel silver shield and bolster; length 3¼ in.

NO.	lb Doz	DOZEN
1789	2⅛	$15.00



Red shell handle; 1 clip blade, glazed finish; brass lining; metal bolster; length 5 in.

NO.	lb Doz	DOZEN
177	2⅛	$15.00



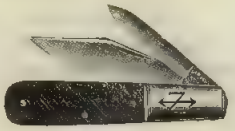
Handle, 3¼ in.; stag, steel lined steel bolsters; blades glazed.

NO.	DOZEN
210	$7.20

Chain

Stag handle with chain; 2 blades, clip and pen; glazed finish; steel lined; metal bolster; length 3¼ in.

NO.	lb Doz.	DOZEN
2644	2	$9.00



Barlow

Bone handle; clip and pen blades; glazed finish; steel lining; metal bolster; length 3¼ in.

NO.	lb Doz.	DOZEN
2504	2	$7.80

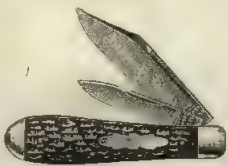
Barlow

Bone handle; spear and pen blades; glazed finish; steel lining; metal bolster; length 3¼ in.

NO.	lb Doz.	DOZEN
2506	2	$7.80

Stag handle; two blades, spear and pen; glazed finish; steel lining; metal bolster; length 3¼ in.

NO.	lb Doz.	DOZEN
206	2	$7.80



Stag handle; 2 blades, clip and pen, polished; brass lining; nickel silver shield; steel bolsters; length, 3¼ in.

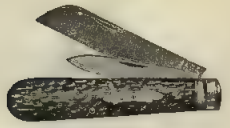
NO.	lb Doz.	DOZEN
[illegible]	2⅛	$15.00

HAMMER BRAND POCKET KNIVES

J

Stag handle; two blades, clip and pen, glazed finish; brass lining; nickel silver shield; steel bolsters; length, 3¼ inches.

NO.	lb Doz.	DOZEN
2224	2	$10.20



Handle 3¼ in.; stag, brass lined; steel bolster; blades glazed.

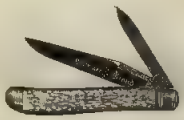
No.	DOZEN
2448	$12.00

Handle 3¼ in.; stag, brass lined; nickel plated bolster; pocket blade polished.

No.	DOZEN
2983	$15.00

Stag handle; 2 blades, spear and pen, glazed finish; nickel silver shield; metal bolster; length 3¼ in.

NO.	lb Doz	DOZEN
2225	2	$12.00



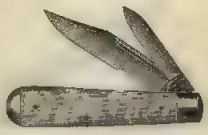
Stag handle; 2 blades, sabre clip and pen, polished; brass lining; nickel silver bolster; length 2⅞ in.

NO.	lb Doz.	DOZEN
2077	1	$15.00

Stag handle; 2 blades, spear and pen, polished; brass lining; nickel silver shield and bolster; easy opener; length 2⅞ in.

NO.	lb Doz.	DOZEN
24	1½	$15.00

One-half dozen in a box.



Handle, 3 in.; Orient shell, brass lined; nickel silver bolster; pocket blade polished.

NO.	DOZEN
266	$15.00

Stag handle; 2 blades, clip and pen, polished; brass lining; nickel silver shield and bolster; length 3¼ inches.

NO.	lb Doz.	DOZEN
6088	2	$15.00

J HAMMER BRAND POCKET KNIVES

Premium Stock

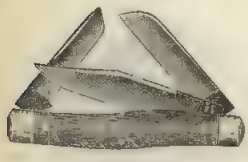
Stag handle; 3 blades, large clip, sheep foot and pen, polished; brass lining, nickel silver shield and bolsters; length 4 in.

NO.	lb Doz.	DOZEN
3516	2¼	$24.00

Premium Stock

Stag handle; 3 blades, clip, spey and Harrison punch, polished; brass lining; nickel silver shield and bolsters; length 4 in.

NO.	lb Doz.	DOZEN
3521	2¼	$27.00



Premium Stock

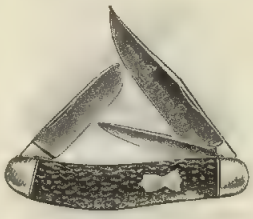
Greenshell handle; 3 blades, long clip, sheep foot and spey, polished; brass lining; nickel silver bolster; length 4 in.

NO.	lb Doz.	DOZEN
3615	2¼	$27.00

Ideal for Garage Mechanics

Stag handle; 3 blades, clip, sheep foot and Harrison punch, used for spark plug cleaning, polished; brass lined; nickel silver shield and bolsters; length 3¼ inches.

NO.	lb Doz	DOZEN
3236	2¼	$27.00



Stag handle; 3 blades, clip, spey and Harrison punch, polished; brass lined; nickel silver shield and bolsters; length 3½ in

NO.	lb Doz.	DOZEN
3322	2¾	$30.00

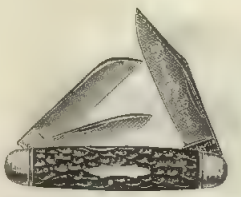
Stag handle; 3 blades, sticking, spey, and sheep foot, full polished; nickel silver lined and milled; nickel silver shield and bolsters; length 3¾

NO.	lb Doz.	DOZEN
3425	2	$36.00

One-half dozen in a box.

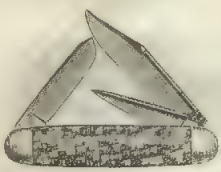
Stag handle; 3 blades, sticking, spey, and sheep foot, full polished; nickel silver lined, and milled; nickle silver shield and bolsters; length 3½

NO.	lb Doz	DOZEN
3423	1¾	$33.00



Stag handle; 3 blades, heavy clip, sheep foot, and pen, polished; brass lining; nickel silver shield and bolsters, equal ends; length, 3½ inches.

NO.	lb Doz	DOZEN
3398	2¼	$21.00



Tutschell handle; brass lined; nickel silver bolsters; pocket blade polished; length 3¼ in.

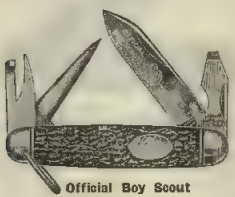
NO.	lb Doz	DOZEN
3501	2¼	$27.00

HAMMER BRAND POCKET KNIVES J

Boy Scout

Stag handle; 2 blades, Clip & Harrison punch, polished; brass lining; nickel silver bolster; easy opener with shackle; shield engraved boy scout; length 3¼ in.

NO.	℔ Doz.	DOZEN
BS2	2¼	$15.00



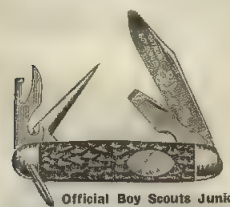
Official Boy Scout

Stag handle; 4 blades, spear, screw driver and cap opener, can opener, Harrison auger punch, detachable shackle, polished; brass lining; Boy Scout shield; nickel silver bolsters; length 3¾ in.

NO.	℔ Doz	DOZEN
BS1	2½	$24.00

Orient shell handle.

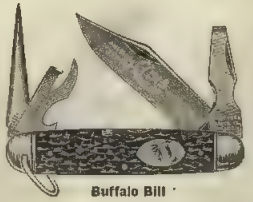
No.		DOZEN
BS3	2¼	$30 00



Official Boy Scouts Junior

Stag handle; 4 blades, clip, screw driver with wire scraper, cap and can opener combination, Harrison punch, detachable shackle, polished; brass lining; nickel silver Buffalo Bill shield and bolsters. Ideal girl scout camp, radio or auto knife; length 3¼ in.

NO.	℔ Doz.	DOZEN
BS4	1¾	$24.00

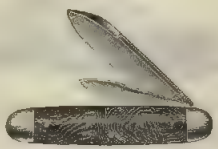


Buffalo Bill

Stag handle; 4 blades, clip, screw driver with wire scraper, cap and can opener combination, Harrison punch, detachable shackle, polished; brass lining; nickel silver Buffalo Bill shield and bolsters. Ideal scout, camp, radio or auto knift; length 3¾ in.

NO.	℔ Doz.	DOZEN
BB1	2½	$27.00

One-half dozen in a box.



Red perl shell handle; 2 blades, spear and pen, polished; brass lining; nickel silver bolster; length 3¼ inches.

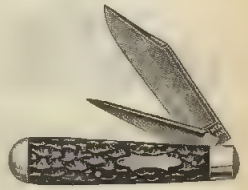
NO.	℔ Doz	DOZEN
[illegible]	1½	$15.00

Stag handle; 2 blades, spear and pen, polished; brass lining; nickel silver shield and square end bolsters; length 3 in.

NO.	℔ Doz.	DOZEN
2288	2	$18.00

Stag handle; 2 blades, spear and pen, polished; brass lining; nickel silver shield and bolsters; length 3¼ in.

NO.	Lbs. Doz.	DOZEN
2642	1¾	$15.00



Stag handle; 2 blades, clip and Harrison punch, glazed finish; brass lining; nickel silver shield; steel bolsters; length, 3¼ inches.

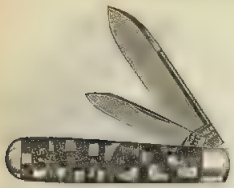
NO.	℔ Doz.	DOZEN
6447	2	$15.00

Stag handle; 2 blades, spear and pen, glazed finish; easy opener; brass lining; nickel silver shield; metal bolsters; length 3¼ in.

NO.	℔ Doz.	DOZEN
6080	2¼	$15.00

J

HAMMER BRAND POCKET KNIVES

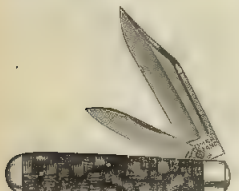


Norwayshell handle; 2 blades, spear and pen, polished; brass lining; silver bolsters; length 3¼ in.

NO.	lb Doz	DOZEN
239	2	$15.00

Handle 3¼ in.; stag, brass lined; nickel silver bolster; pocket blade polished.

No.	DOZEN
2928	$15.00



Kingtut shell handle; 2 blades, sabre clip and pen, polished; brass lining; nickel silver bolster; length 3¼ in.

NO.	lb Doz	DOZEN
238	2	$18.00

Stag handle; 2 blades, sabre clip and pen, polished; brass lining; nckl. silver shield and bolsters; lgth. 3¾ in.

NO.	lb Doz	DOZEN
2789	2¾	$21.00

Handle 3¾ in.; stag, brass lined; nickel silver bolsters; pocket blade polished.

No.	DOZEN
247	$18.00

Stag handle; 2 bladea, large spear and pen, polished; brass lining; nckl. silver shield and bolsters; lgth. 4¼ in.

NO	lb Doz.	DOZEN
2097	3½	$24.00

Stag handle; 2 large blades, clip and spear, polished; brass lining; nickel silver shield and bolsters; lgth. 3¾ in.

NO.	lb Doz	DOZEN
2399	2½	$21.00

Ebony handle; 2 blades, heavy sabre spear and pen, polished; brass lining; nickel silver shield and bolster; length 3¾ in.

NO.	lb Doz.	DOZEN
2109	3	$18.00

Stag handle; 2 blades, spear and pen, polished; brass lining; nickel silver shield and bolsters; length 3¾ inches.

NO.	lb Doz	DOZEN
		$21.00

Stag handle; 2 blades, heavy sabre spear and pen, polished; brass lining; nickel silver shield and bolster; length 3¾ in.

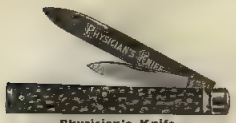
NO.	lb Doz.	DOZEN
2553	3	$24.00

Stag handle; 2 blades, clip and pen, polished; brass lining; nickel silver shield and fancy bolsters; lgth. 3¾ in.

NO.	lb Doz	DOZEN
2808	2½	$24.00

One-half dozen in a box.

HAMMER BRAND POCKET KNIVES



Physician's Knife

Stag handle; 2 blades, long slim spear and pen, polished; brass lining; nickel silver bolster and square end cap; length 4¼ in.

NO.	lb Doz.	DOZEN
3542	2¾	$21.00

Orientshell handle, 3¼ inches, nickel silver lining and bolsters, blades full polished, frosted etching "Hammer Brand."

NO.	lb Doz.	DOZEN
3602	1¾	$33.00

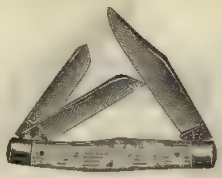
Stag handle, 3⅝ in. nickel silver lining & bolsters, all blades full polished, pocket blade frosted etching "Premium stock knife." All backs fully milled.

NO.	lb Doz.	DOZEN
3522	2¼	$30.00

Greenperlshell handle; 2 blades, clip and pen, polished; brass lining; nickel silver bolsters; length 3¼ in.

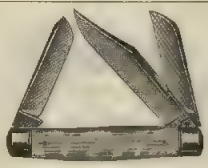
NO.	lb Doz.	DOZEN
237	2	$15.00

One-half dozen in a box.



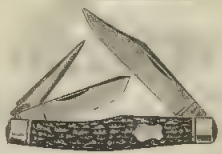
Handle 3¼ in.; Orient shell, brass lined; nickel silver bolster; pocket blade polished.

No.	DOZEN
3108	$21.00



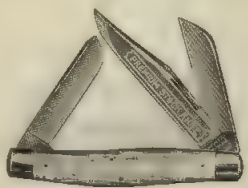
Handle 2⅞ in.; Orient shell, brass lined; nickel silver bolster; pocket blade polished.

No.	DOZEN
36	$21.00



Stag handle, 3¼ inches; brass lined; nickel silver bolsters; blade polished.

NO.	lb Doz.	DOZEN
3112	1⅞	$24.00



Orientshell handle, 3¾ inches; nickel silver lining and bolsters; blades full polished; pocket blade frosted etching "Premium Stock Knife."

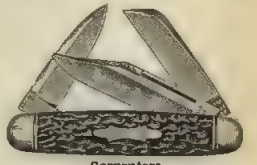
NO	lb Doz	DOZEN
3622	2	$36.00

Stag handle; 3 blades, spear, sheep foot and pen, polished; brass lining; nickle silver shield and bolster; length 3¼ in.

NO.	lb Doz.	DOZEN
3202	2¼	$24.00

Stag handle; 3 blades, spear, sheep foot and spey, polished; brass lining; nickel silver shield and bolsters; length 3⅜ in.

NO.	lb Doz.	DOZEN
3220	2¼	$24.00



Carpenters

Stag handle; 3 blades, sabre clip, sheep foot and gouging blade, polished; brass lined; nickel silver shield and bolsters; length 3⅜ in.

NO.	lb Doz.	DOZEN
3238	2¼	$27.00

Premium Stock

Stag handle; 3 blades, long clip, sheep foot and spey, polished; brass lining, nickel silver shield and bolsters; length 4 in.

NO.	lb Doz.	DOZEN
3515	2¼	$27.00

One-half dozen in a box.

J

HAMMER BRAND POCKET KNIVES

Handle 3 in.; Orient shell, brass lined; nickel silver bolster; pocket blade polished.

NO.	DOZEN
2656	$15.00
2657	15.00

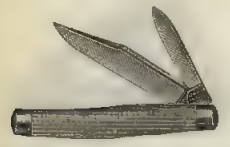
Green Orient shell.

Stag handle; 2 blades, pens, polished; brass lined; nickel silver bolsters; length 2⅞ in.

NO.	lb Doz	DOZEN
2992	1	$15.00

Handle 3¼ in.; stage, brass lined; nickel silver bolster; pocket blade polished and etched.

No.	DOZEN
2508	$15.00



Handle 3¼ in.; Jade shell, brass lined; nickel silver bolster; pocket blade polished.

No.	DOZEN
2509	$15.00

Stag handle; 2 blades, spear and pen, polished; brass lining; nickel silver shield and bolsters; length 3¼ inches.

NO.	lb Doz.	DOZEN
2355	1	$15.00

Stag handle; 2 blades, spear and pen, polished; brass lining; nickel silver tips; length 3 in.

NO.	lb Doz.	DOZEN
234	1	$15.00

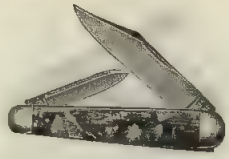
Stag handle; 2 blades, spear and pen, polished; brass lining; nickel silver shield and bolsters; length 3¼ inches.

NO.	lb Doz	DOZEN
[illegible]	1½	$18.00

Stag handle; 2 blades, sticking and spey, polished; brass lined; nickel silver shield and bolsters; length 3⅜ in.

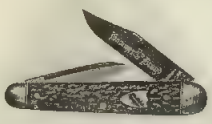
NO.	lb Doz	DOZEN
253	1½	$21.00

One-half dozen in a box.



Greenshell handle; 2 blades, clip and pen, polished; brass lining; nickel silver bolsters; length 3¼ in.

NO.	lb Doz.	DOZEN
2350	1½	$18.00



Stag handle; 2 blades, clip and pen, polished; brass lining; nickel silver shield and bolsters; length 3¼ inches.

NO	lb Doz.	DOZEN
2354	1½	$18.00

Orientalshell handle; 2 blades, spear and pen; brass lined; nickel silver shackle; length 3 in.

NO.	lb Doz.	DOZEN
235R	1	$18.00

Stag handle; 2 blades, spear and pen, polished; brass lined; nickel silver shield and tips; length 3¼ in.

NO.	lb Doz.	DOZEN
2048	1	$18.00

One-half dozen in a box.

HAMMER BRAND POCKET KNIVES J

Stag handle; 2 blades, spear and file, polished; brass lined; nickel silver shield and bolsters; length 3¼ inches.

NO.	lb Doz.	DOZEN
260	2	$18.00

Stag handle; 2 blades, spear and file, polished; brass lined; nickel silver shield and tips; length 3¼ in.

NO.	lb Doz.	DOZEN
2004	1	$21.00

Stag handle; 2 blades, clip and spey, polished; brass lining; nickel silver shield and bolsters; length 3⅜ inches.

NO.	lb Doz.	DOZEN
2510	2½	$21.00

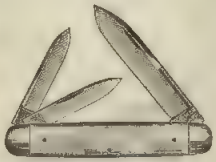
Stag handle; 2 blades, clip and spey, polished; brass lining; nickel silver shield and bolsters; length 3⅜ inches.

NO.	lb Doz.	DOZEN
2513	1½	$24.00

Radio

Stag handle; 2 blades, clip and screw driver with scraper and cutting edge; brass lining, polished; safety locking device, pressing down of clip blade releases lock of screw driver blade, when open; nickel silver shield and bolsters; length 3¼ in.

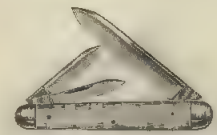
NO.	lb Doz.	DOZEN
2481	2	$24.00



Orientshell handle; brass lined; nickel silver bolsters; pocket blade polished; length 3¼ in.

NO.	lb Doz.	DOZEN
3118	1½	$27.00

One-half dozen in a box.



Orientalshell handle; 2 blades, spear and 2 pens, polished; brass lined; nickel silver bolsters; length 3 in.

NO.	lb Doz.	DOZEN
335	1	$24.00

Stag handle; 3 blades, spear, pen and file, polished; brass lined; nickel silver shield and bolsters; length 3¼ inches.

NO.	lb Doz.	DOZEN
3154	1½	$24.00

One-half dozen in a box.

Norwayshell handle; 3 blades, Everitt clip, sheep foot, and spey, polished; brass lining; nickel silver bolsters; 3⅜ inches.

NO.	lb Doz	DOZEN
3213	2	$21.00

Stag handle; 3 blades, spear and 2 pens, polished; brass lining; nickel silver shield and bolsters; length 3¼ inches.

NO.	lb Doz.	DOZEN
3119	1½	$24.00

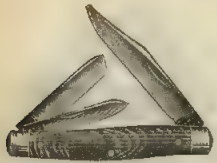
Stag handle; 3 blades, clip and 2 pens, polished; brass lined; nickel silver shield and bolsters; length 3¼ in.

NO.	lb Doz.	DOZEN
3750	1½	$24.00

One-half dozen in a box.

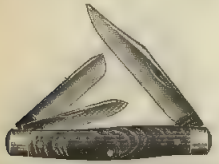
J

HAMMER BRAND POCKET KNIVES



Stag handle; 3 blades, clip, spey, and pen, polished; brass lining; nickel silver shield and bolsters; length 3¼ in.

NO.	lb D .	DOZEN
3510	1¼	... $24.00



Greenshell handle; 3 blades, clip, spey, and pen, polished; brass lining; nickel silver bolsters; length 3¼ in.

NO.	lb Doz.	DOZEN
3610	1¼	$24.00

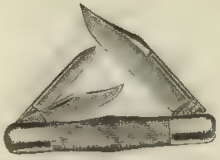
Stag handle; 3 blades, Everitt clip, sheep foot and spey, polished; brass lining; nickel silver shield and bolsters; length, 3⅝ inches.

NO.	lb Doz.	DOZEN
3113	2	$21.00

One-half dozen in a box.

Stag handle; 3 blades, heavy clip, pen, and short clip, polished; brass lined; nickel silver shield and long bolsters; length 3¼ in.

NO.	lb Doz	DOZEN
392	1¼ ..	.. $24.00



Redperlshell handle; 3 blades, heavy clip, pen, and short clip, polished; brass lined; nickel silver long bolsters; length 3¼ in.

NO.	lb Doz.	DOZEN
393	1¼ ...	.. $27.00

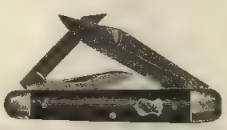
Stag handle; 3 blades, spear, pen, and file, polished; brass lining; nickel silver shield and tips; length 3¼ in.

NO.	lb Doz.	DOZEN
3048	1¼	$24.00

Stag handle; 3 blades, spear, pen, and file, polished; brass lining; nickel silver shield and bolsters; length 3¼ in.

NO.	lb Doz.	DOZEN
3227	1¼	$27.00

One half dozen in a box.



Ebony handle; 3 blades, sabre clip, pen, and coping, polished; brass lining; nickel silver shield and bolster; length 3¼ in.

NO.	lb Doz	DOZEN
3306	1¼	$27.00

Stag handle; 3 blades, sabre clip, short clip, and Harrison punch, polished; brass lined; nickel silver shield and bolsters; length 3¼ in.

NO.	lb Doz.	DOZEN
3333	1¼	$27.00

Stag handle; 3 blades, clip, pen, and short clip, polished; brass lined; nickel silver shield and bolsters; length 3¼ in.

NO.	lb Doz.	DOZEN
307	1¼ .	. $27.00

Stag handle; 3 blades, spear, pen, and file, full polished; sunk joints; silver lined and milled, nickel silver shield and tips; length 3¼ in.

NO.	lb Doz.	DOZEN
315	1	.. $30.00

One-half dozen in a box.

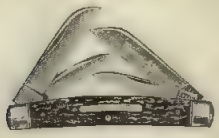
Stag handle; 4 blades, spear, 2 pens, and file, brass lined; nickel silver shield and bolsters; length 2⅞ in.

NO.	lb Doz.	DOZEN
422	½ .	.. ... $24.00

HAMMER BRAND POCKET KNIVES

Stag handle; 4 blades, spear, 2 pens, and file, polished; brass lined; nickel silver shield and bolsters; length 3⅜ in.

NO	lb Doz.	DOZEN
4164	1½	$27.00



Genuine Stag handle; 4 blades; 2 sheepfoot, 2 pen, polished; brass lining; nickel silver shield and bolsters; English pattern; length 3¼ in.

NO	lb Doz.	DOZEN
40426	1½	$30.00

Watch Chain

Stag handle; 3 blades, spear, pen, and blade with long file on back; nickel silver lined and milled; nickel silver bolsters and shackle; length 2⅝ in.

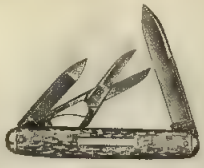
NO.	lb Doz	DOZEN
3038R	2	$33.00

One-half dozen in a box.

English Pattern

Stag handle; 4 blades, sheepfoot, 2 pen, and file, polished; brass lined and milled; sunk joints; nickel silver shield and tips; length 3¼ in.

NO.	lb Doz.	DOZEN
4058	1½	$30.00



Scissors

Stag handle; 3 blades, spear, file, and scissors, polished; brass lined and milled; nickel silver shield and tips; length 2⅝ in.

NO.	lb Doz	DOZEN
332	1	$36.00

One-half dozen in a box.

Handle 3¼ in.; Orient shell, brass lined; nickel silver bolster; pocket blade polished.

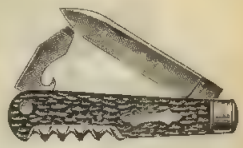
No.	DOZEN
2005	$21.00

Handle 3¼ in.; Prizma shell, brass lined; nickel silver bolster; pocket blade polished.

NO.	DOZEN
3155	$21.00

Stag handle; 4 blade combination, spear, 2 pens, sunk file on back, polished; brass lined; nickel silver shield and tips; length 3¼ in.

NO.	lb Doz.	DOZEN
457	1	$42.00



Cork Screw

Stag handle; spear blade, polished, screw driver and cap opener, cork screw on back; nickel silver bolster; length 3¼ in.

NO	lb Doz	DOZEN
879	1½	$21.00

Cork Screw

Stag handle; 4 blades, spear, pen, cutter, cork screw on back, polished; brass lined; nickel silver shield and bolsters; length 3¼ in.

NO.	lb Doz	DOZEN
488	1⅝	$36.00

One-half dozen in a box.

Pearl handle; 2 blades, spear, and pen, polished; brass lined; nickel silver bolsters; length 2⅝ in.

NO.	lb Doz.	DOZEN
295	1⅛	$24.00

Pearl handle; 2 blades, spear and pen, polished; brass lining; nickel silver bolsters; length 2⅝ in.

NO.	lb Doz	DOZEN
2070	1	$21.00

J

HAMMER BRAND POCKET KNIVES

Pearl handle; 2 blades, spear and file, polished; brass lined; nickel silver tips; length 3½ in.

No.	lb Doz.	DOZEN
2006	1	$30.00

One-half dozen in a box.

Pearl handle; 3 blades, spear, pen, and file, polished; brass lined, nickel silver bolsters; length 3½ in.

NO.	lb Doz.	DOZEN
3157	1	$36.00

Pearl handle; 3 blades, spear, pen, and file, polished; brass lined and milled; nickel silver shield and bolsters; length 3 in.

NO.	lb Doz.	DOZEN
371	1	$36.00

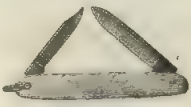
Pearl handle; 3 blades, spear, pen, and file, polished; nickel silver lining and milled; nickel silver shield and tips; sunk joints; length 3 in.

NO.	lb Doz.	DOZEN
317	1	$48.00

Pearl handle; 4 blades, spear, 2 pens, and file, full polished; nickel silver lined and milled; nickel silver tips; length 3 in.

NO.	lb Doz.	DOZEN
417	1½	$54.00

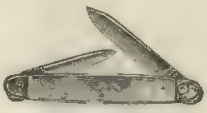
One-half dozen in a box.



Watch Chain

Pearl handle; 2 blades, spear and file, polished; brass lined; nickel silver shackle; length 2½ in.

NO.	lb Doz.	DOZEN
277R	½	$30.00



Milady

Pearl handle; 2 blades, spear and pen, polished; brass lined; nickel silver bolsters; blades open by use of rings, saving the nails; length 3½ in.

NO.	lb Doz.	DOZEN
2806	1	$33.00

One-half dozen in a box.

With Chain Shackle

Pearl handle; 3 blades, spear, pen, and file, polished; nickel silver lined and milled; nickel silver shackles; length 2½ in.

NO.	lb Doz.	DOZEN
324R	½	$42.00

Elite

Pearl handle; 3 blades, spear, pen, broad file on back; nickel silver lined and milled, with shackle; length 2½ inches.

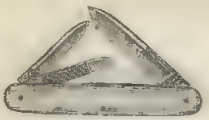
NO.	lb Doz.	DOZEN
3041R	½	$42.00

English

Pearl handle; 4 blades, Old English pattern, sheepfoot, and 2 pens, polished; brass lined and milled; nickel silver tips; length 3½ in.

NO.	lb Doz.	DOZEN
4059	1½	$54.00

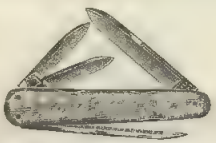
One-half dozen in a box.



De Luxe

Pearl handle, shadow thin model; 3 blades, spear, pen, and file, full polished; nickel silver lined and milled; length 3 in.

NO.	lb Doz.	DOZEN
3901	1	$48.00



Pearl handle; four blades, spear, two pens, sunk file on back, full polished; nickel silver lined and milled; thin model. Length 3 inches.

NO.	lb Doz.	DOZEN
467	1	$60.00

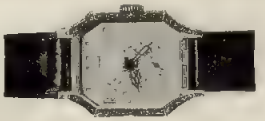
The John Plain Watch

15 JEWELS ADJUSTED

is guaranteed without reservation to keep extremely accurate time and is insured against any expense for THREE years

Strap Watches for Men in an Array of New Cases

Movement: 15 jewel, 10½ ligne, adjusted, guaranteed for three years
Case: 1/10 14K rolled gold plate, chromium finish Luminous sterling silver dial
Strap: Chromium finish, flexible, expansion link.
2G21100 PRICE.....**$40.00**



Movement: 15 jewel, 10½ ligne, adjusted, guaranteed for three years
Case: Rolled plate, chromium finish. Luminous sterling silver dial.
2G21102 PRICE.....**$32.50**

Movement: 15 jewel, 10½ ligne, adjusted, guaranteed for three years
Case: 1/10 14K rolled gold plate, chromium finish Luminous sterling silver dial
2G21104 PRICE.....**$37.50**

Movement: 15 jewel, 10½ ligne, adjusted, guaranteed for three years
Case: Rolled plate, chromium finish, plain polished bezel. Luminous sterling silver dial
Strap: Chromium finish, very flexible, expansion link.
2G21106 PRICE.....**$37.50**

Movement: 15 jewel, 10½ ligne, adjusted, guaranteed for three years.
Case: 1/10 14K rolled gold plate, chromium finish Luminous sterling silver dial
2G21101 PRICE.....**$37.50**

Movement: 15 jewel, 10½ ligne, adjusted, guaranteed for three years.
Case: 14K white gold filled Luminous sterling silver dial.
Strap: White gold filled, flexible, expansion link
2G21103 PRICE.....**$50.00**

Movement: 15 jewel, 10½ ligne, adjusted, guaranteed for three years.
Case: 1/10 14K rolled gold plate, chromium finish Luminous sterling silver dial
2G21105 PRICE.....**$37.50**

Movement: 15 jewel, 10½ ligne, adjusted, guaranteed for three years
Case: 1/10 14K rolled gold plate, chromium finish Luminous sterling silver dial
2G21107 PRICE.....**$37.50**

All that a Man's Watch Should Be

Accurate ∞ ∞ ∞ ***Rugged*** ∞ ∞ ∞ ***Handsome***

Without all three of these qualifications, a watch can scarcely be rated good enough for any man's wear. These 15 jewel, adjusted, John Plain Watches are accurate to an extremely high degree! A glance at the construction of the movement is instant proof to any watchmaker, of its outstanding superiority. The cases are stylish in the best sense of the word: they are good-looking, up-to-the-minute and devoid of fancy frills.

The John Plain Watch

15 JEWELS ADJUSTED

is guaranteed without reservation to keep extremely accurate time and is insured against any expense for THREE years

Distinguished Character and Quality in New Cases

The distinctly better movement in these John Plain Watches enables us to give you a distinctly stronger guarantee.

Never before has a watch been insured against any and all expense for three years. These watches will serve for a lifetime.

Movement: 15 jewel, 10¾ lignes, adjusted, guaranteed for three years.
Case: 1/10 14K rolled gold plate chromium finish hand engraved. Luminous sterling silver dial.
2G21108 PRICE **$37.50**

Movement: 15 jewel, 10½ lignes, adjusted, guaranteed for three years.
Case: Rolled plate chromium finish hand engraved Luminous sterling silver dial.
2G21109 PRICE **$35.00**

Movement 15 jewel, 10½ gne, adjusted, guaranteed for three years
Case: Rolled plate chromium finish Luminous sterling silver dial.
Strap: Chromium finish very flexible, expansion link
2G21110 PRICE **$35.00**

Movement: 15 jewel, 10½ lignes, adjusted, guaranteed for three years.
Case: Rolled plate, chromium finish hand engraved Luminous sterling silver dial
Strap: Chromium finish, very flexible, expansion link
2G21111 PRICE **$37.50**

Movement: 15 jewel, 10½ lignes, adjusted, guaranteed for three years.
Case: Solid Nickel, chromium finish. Luminous sterling silver dial.
2G21112 PRICE **$32.50**

Movement: 15 jewel, 10½ lignes, adjusted, guaranteed for three years.
Case: 1/10 14K rolled gold plate, chromium finish, green gold trimmed, hand engraved. Luminous sterling silver dial.
2G21113 PRICE **$35.00**

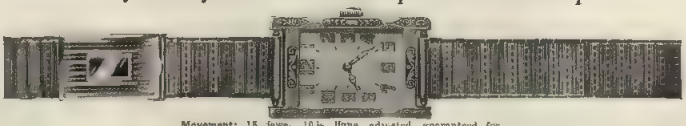
Movement: 15 jewel, 10½ lignes, adjusted, guaranteed for three years.
Case: Rolled plate, chromium finish. Luminous sterling silver dial.
Strap: Chromium finish, flexible, expansion link
2G21114 PRICE **$37.50**

The John Plain Watch

15 JEWELS ADJUSTED

is guaranteed without reservation to keep extremely accurate time and is insured against any expense for THREE years

A model of special interest. Long case, curved back with engraving 15 jewel adjusted watch with expansion metal strap



Movement: 15 jewels, 10½ ligne, adjusted, guaranteed for three years
Case: Rolled plate, chromium finish with curved back
Luminous sterling silver dial
Strap: Chromium finish, flexible, expansion link
2G21115 PRICE **$35.00**

The new design and high quality of the remarkable John Plain Movement makes possible this unequalled guarantee for 3 years.

Metal straps, with every new feature, may be obtained for any watch in this book. Please turn to index under "Straps, Metal, for Watches."

Movement: 15 jewel, 10½ ligne, adjusted, guaranteed for three years.
Case: Solid nickel, chromium finish. Luminous sterling silver dial.
2G21116 PRICE **$32 50**

Movement: 15 jewel, 10½ ligne adjusted, guaranteed for three years
Case: Rolled plate, chromium finish. Luminous sterling silver dial
2G21117 PRICE **$32.50**

Movement: 15 jewel, 10½ ligne, adjusted, guaranteed for three years.
Case: Solid nickel, chromium finish. Luminous sterling silver dial.
2G21118 PRICE **$32.50**

Movement: 15 jewel, 10½ ligne, adjusted, guaranteed for three years.
Case: Rolled plate, chromium finish. Luminous sterling silver dial
2G21119 PRICE **$32.50**

Movement: 15 jewel, 10½ ligne, adjusted, guaranteed for three years.
Case: Solid nickel, chromium finish. Luminous sterling silver dial.
Strap: Chromium finish, flexible mesh, expansion link.
2G21120 PRICE **$32.50**

Movement: 15 jewel, 10½ ligne, adjusted, guaranteed for three years.
Case: Solid nickel, chromium finish. Luminous sterling silver dial
Strap: Chromium finish, very flexible mesh, expansion link
2G21121 PRICE **$35.00**

The John Plain Watch

15 JEWELS ADJUSTED

is guaranteed without reservation to keep extremely accurate time and is insured against any expense for THREE years

Accuracy

A very high degree of accuracy, hitherto unknown in watches of this price, is offered in every John Plain Watch. By supervising the construction of these watches and their adjustments, we are able to extend a guarantee of three years on all 15 jewel movements, and one year on all 6 jewel movements. This guarantee relieves you of any and all expense. Naturally, these watches will far outlive their guarantee, and will give a life-time of satisfactory service.

All watches shown on Pages 212 and 213 come to you with a ribbon or leather strap as illustrated, and in addition, the metal strap or bracelet illustrated and described.

Ladies' 15 Jewel Adjusted
14K Solid White Gold Case

This watch contains a 15 jewel, adjusted, John Plain movement. We guarantee it against any and all expense for three years, a guarantee far excelling that ever offered on any watch. It will give a lifetime of satisfactory service. The case is 14K solid White Gold, the dial is Sterling Silver. The crystal is oval-shaped and accurately fitted. The watch comes with a black grosgrain ribbon with solid gold clasp, and in addition, a White Gold Filled, very flexible, expansion link bracelet, as illustrated. It comes to you complete in a handsome presentation box, together with our printed Guarantee.

2G20110 PRICE **$45.00**

Men's 15 Jewel, 10½ Ligne Adjusted
1/10th 14K White Gold Case

The handsome strap watch pictured above, contains a 10½ ligne, 15 jewel, adjusted, John Plain movement, guaranteed to give a life-time of satisfactory service, and insured against any and all expense for a period of three years. The handsome case is 1/10 14K rolled white gold plate, finished in chromium, the new, everlasting, platinum-like metal. It comes to you with a fine leather strap attached, as illustrated and in addition, a flexible, adjustable, expansion link bracelet, as shown—the very latest in men's metal straps. Coming to you complete in a handsome gift box, together with our printed Guarantee, it makes a gift that can scarcely be excelled.

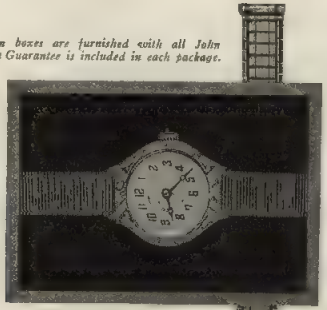
2G21100 PRICE **$40.00**

The John Plain Watch

6 JEWELS ADJUSTED

is guaranteed without reservation to keep extremely accurate time and is insured against any expense for ONE year

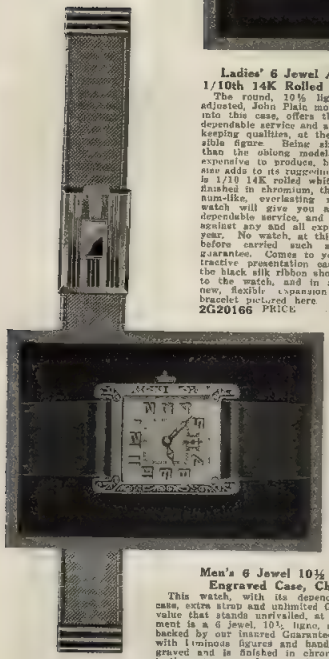
Attractive presentation boxes are furnished with all John Plain watches. A written Guarantee is included in each package.



Ladies' 6 Jewel Adjusted 1/10th 14K Rolled Gold Plate

The round, 10½ ligne, 6 jewel, adjusted, John Plain movement fitted into this case, offers the utmost in dependable service and accurate time-keeping qualities, at the lowest possible figure. Being slightly larger than the oblong models, it is less expensive to produce, but its larger size adds to its ruggedness. The case is 1/10 14K rolled white gold plate, finished in chromium, the new, platinum-like, everlasting metal. This watch will give you a lifetime of dependable service, and we insure it against any and all expense for one year. No watch, at this price, ever before carried such an unlimited guarantee. Comes to you in an attractive presentation case, including the black silk ribbon shown, attached to the watch, and in addition, the new, flexible expansion link metal bracelet pictured here.

2G20166 PRICE . . **$17.50**



Men's 6 Jewel 10½ Ligne Adjusted Engraved Case, Chromium Finish

This watch, with its dependable movement, handsome case, extra strap and unlimited Guarantee for one year, is a value that stands unrivaled, at our low price. The movement is a 6 jewel, 10½ ligne, adjusted, John Plain model, backed by our insured Guarantee. Has Sterling Silver dial with luminous figures and hands. The case is richly engraved and is finished in chromium. Comes to you with leather strap, as shown, and in addition, the new, flexible, adjustable expansion link bracelet pictured to the left. Shipped complete with presentation case and our printed Guarantee.

2G21132 PRICE **$20.00**

Beauty

We have picked for display, for our special offers on Pages 212 and 213, the four outstanding favorites with our customers. Into them, we have crowded the utmost in value; in them, you will find the last word in beautiful cases and attractive bracelets and straps. The decrees of fashion are answered by these four splendid watches. At these low prices, they are absolutely unrivalled, either in beauty, quality of materials or time-keeping accuracy.

The John Plain Watch

6 JEWELS ADJUSTED

is guaranteed without reservation to keep extremely accurate time and is insured against any expense for ONE year

Richly Engraved Cases Finished in Everlasting Platinum-Like Chromium

Movement: 6 jewel, 6¾ ligne, adjusted, guaranteed for one year
Case: Rolled plate, chromium finish, hand engraved Sterling silver dial
Bracelet: Chromium finish, flexible, expansion link.
2G20150 PRICE **$25.00**

Movement: 6 jewel, 6¾ ligne, adjusted, guaranteed for one year
Case: Rolled plate, chromium finish, with green gold ornament, hand engraved Sterling silver dia. with raised gold numerals
Bracelet: Woven leather cord, adjustable
2G20151 PRICE **$22.50**

Movement 6 jewel, 6¾ ligne, adjusted, guaranteed for one year.
Case: Rolled plate, chromium finish, hand engraved Sterling silver dia.
2G20152 PRICE **$20.00**

Movement: 6 jewel 6¾ ligne, adjusted, guaranteed for one year
Case: Rolled plate, chromium finish, hand engraved. Sterling silver dial with raised gold numerals
2G20153 PRICE **$20.00**

Movement: 6 jewel, 6¾ ligne, adjusted, guaranteed for one year
Case: 1/10 14K rolled gold plate, chromium finish. Sterling silver dial.
2G20154 PRICE **$20.00**

Movement: 6 jewel, 6¾ ligne, adjusted, guaranteed for one year.
Case: Rolled plate chromium finish, plain polished bezel. Sterling silver dial.
2G20155 PRICE **$20.00**

Movement: 6 jewel, 6¾ ligne, adjusted, guaranteed for one year.
Case: Rolled plate, chromium finish Sterling silver dial.
Bracelet: Chromium finish, flexible, expansion link
2G20156 PRICE **$22.50**

Movement: 6 jewel, 6¾ ligne, adjusted, guaranteed for one year
Case: Rolled plate, chromium finish. Sterling silver dial
Bracelet: Chromium finish, flexible, expansion link
2G20157 PRICE **$22.50**

Movement: 6 jewel, 6¾ ligne, adjusted, guaranteed for one year
Case: Rolled plate, chromium finish Sterling silver dia.
Bracelet: Chromium finish, flexible, expansion link.
2G20158 PRICE **$25.00**

Movement: 6 jewel, 6¾ ligne, adjusted, guaranteed for one year
Case: Rolled plate, chromium finish Sterling silver dia.
Bracelet: Chromium finish, flexible, expansion link.
2G20159 PRICE **$25.00**

The John Plain Watch

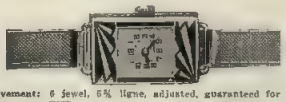
6 JEWELS ADJUSTED

is guaranteed without reservation to keep extremely accurate time and is insured against any expense for ONE year

Handsome New Cases Richly Enamelled in Fashion's Colors

Movement: 6 jewel, 6¾ ligne, adjusted, guaranteed for one year.
Case: Rolled plate, chromium finish. Sterling silver dial with raised gold numerals
Color: Black enamel
2G20160 PRICE **$20.00**

Movement: 6 jewel, 6¾ ligne adjusted guaranteed for one year.
Case: Rolled plate, chromium finish. Sterling silver dial.
Color: Black and white enamel
2G20161 PRICE **$20.00**



Movement: 6 jewel, 6¾ ligne, adjusted, guaranteed for one year.
Case: Rolled plate, chromium finish. Sterling silver dial.
Colors: Your choice of Green, Red or Black enamel.
Bracelet: Chromium finish, flexible, expansion link.
2G20162 PRICE **$22.50**

Movement: 6 jewel, 6¾ ligne, adjusted, guaranteed for one year.
Case: Rolled plate, chromium finish. Sterling silver dial
Colors: Your choice of Green, Red, Blue or Black enamel.
Bracelet: Chromium finish, flexible, expansion link.
2G20163 PRICE **$22.50**

Movement: 6 jewel, 6¾ ligne, adjusted, guaranteed for one year.
Case: Rolled plate, chromium finish. Sterling silver dial.
Colors: Your choice of Black or Blue enamel.
Bracelet: Chromium finish, flexible, expansion link
2G20164 PRICE **$22.50**

Movement: 6 jewel, 6¾ ligne, adjusted, guaranteed for one year
Case: Rolled plate, chromium finish. Sterling silver dial with raised gold numerals.
Colors: Your choice of Green, Red, Black or Blue enamel.
Bracelet: Chromium finish, flexible, expansion link
2G20165 PRICE **$22.50**

Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year.
Case: 1/10 14K rolled gold plate, chromium finish. Sterling silver dial
Bracelet: Chromium finish, flexible, expansion link.
2G20166 PRICE **$17.50**

Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year.
Case: Rolled plate, chromium finish. Sterling silver dial.
2G20167 PRICE **$15.00**

A Dainty Watch for Sport, Built on Mannish Lines

Movement: 8 jewel, 6¾ ligne, adjusted, guaranteed for one year.
Case: 1/10 14K rolled gold plate, chromium finish Sterling silver dial
Bracelet: Leather sport strap.
2G20168 PRICE **$22.50**

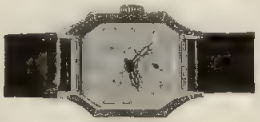
The John Plain Watch

6 JEWELS ADJUSTED

is guaranteed without reservation to keep extremely accurate time and is insured against any expense for ONE year

Sturdy Handsome Cases for Men ∞ Strap Watches of High Character and Lasting Quality

Movement: 6 jewel, 10½ lignes, adjusted, guaranteed for one year.
Case: 1/10 14K rolled gold plate, chromium finish. Luminous sterling silver dial.
Strap: Chromium finish flexible expansion link
2G21122 PRICE..... **$25.00**



Movement: 6 jewel, 10½ lignes, adjusted, guaranteed for one year.
Case: Rolled plate, chromium finish. Luminous sterling silver dial
2G21124 PRICE **$17.50**

Movement: 6 jewel, 10½ lignes, adjusted guaranteed for one year.
Case: 1/10 14K rolled gold plate, chromium finish. Luminous sterling silver dial
2G21126 PRICE..... **$22.50**

Movement: 6 jewel, 10½ lignes, adjusted guaranteed for one year.
Case: Rolled plate, chromium finish, plain polished bezel. Luminous sterling silver dial.
Strap: Chromium finish, very flexible, expansion link.
2G21128 PRICE..... **$22.50**

Movement: 6 jewel, 10½ lignes, adjusted, guaranteed for one year
Case: 1/10 14K rolled gold plate, chromium finish. Luminous sterling silver dial
2G21123 PRICE **$22.50**

Movement: 6 jewel, 10½ lignes, adjusted guaranteed for one year.
Case: 14K white gold filled. Luminous sterling silver dial
Strap: White gold filled, flexible, expansion link
2G21125 PRICE..... **$35.00**

Movement: 6 jewel, 10½ lignes, adjusted, guaranteed for one year.
Case: 1/10 14K rolled gold plate, chromium finish. Luminous sterling silver dia
2G21127 PRICE..... **$20.00**

Movement: 6 jewel, 10½ lignes, adjusted, guaranteed for one year
Case: 1/10 14K rolled gold plate, chromium finish. Luminous sterling silver dial
2G21129 PRICE..... **$25 00**

All that a Man's Watch Should Be

Accurate ∞ ∞ ∞ Rugged ∞ ∞ ∞ Handsome

Without all three of these qualifications, a watch can scarcely be rated good enough for any man's wear. These 6 jewel adjusted John Plain Watches are accurate to an extremely high degree! A glance at the construction of the movement is instant proof to any watchmaker, of its outstanding superiority. The cases are stylish in the best sense of the word. They are good-looking, up-to-the-minute and devoid of fancy frills

The John Plain Watch

6 JEWELS ADJUSTED

is guaranteed without reservation to keep extremely accurate time and is insured against any expense for ONE year

New Ideas in Cases for Men's Strap Watches

Every John Plain Watch comes in a suitable gift box, together with the Guarantee you see printed above.

Quality and performance have never before been combined with beauty at such low prices. America's outstanding watch value.

Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year
Case: 1/10 14K rolled gold plate, chromium finish, hand engraved. Luminous sterling silver dial.
2G21130 PRICE **$22.50**

Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year.
Case: Rolled plate, chromium finish, hand engraved Luminous sterling silver dial
2G21131 PRICE..... **$17 50**

Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year
Case: Rolled plate, chromium finish. Luminous sterling silver dial.
Strap: Chromium finish, very flexible, expansion link.
2G21132 PRICE..... **$20.00**

Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year
Case: Rolled plate, chromium finish, hand engraved Luminous sterling silver dial.
Strap: Chromium finish, very flexible expansion link
2G21133 PRICE..... **$20.00**

Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year
Case Solid Nickel, chromium finish. Luminous sterling silver dial.
2G21134 PRICE..... **$15 00**

Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year.
Case: 1/10 14K rolled gold plate, chromium finish, green gold trimmed hand engraved Luminous sterling silver dial
2G21135 PRICE..... **$22.50**

Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year
Case: Rolled plate, chromium finish Luminous sterling silver dial
Strap: Chromium finish, very flexible expansion link
2G21136 PRICE..... **$20.00**

The John Plain Watch

6 JEWELS ADJUSTED

is guaranteed without reservation to keep extremely accurate time and is insured against any expense for ONE year

This remarkable watch is an outstanding value. Comes complete with new flexible expansion feature metal strap

Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year.
Case: Rolled plate, chromium finish, with curved back. Luminous sterling silver dial.
Strap: Chromium finish, flexible expansion link.
2G21137 PRICE..... **$20.00**

Never before has it been possible to back such low priced watches with an unlimited guarantee for one year. Quality alone makes this guarantee possible.

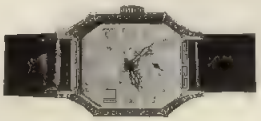
Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year.
Case: Solid nickel, chromium finish. Luminous sterling silver dial.
2G21138 PRICE..... **$15.00**

Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year.
Case: Solid nickel, chromium finish. Luminous sterling silver dial.
2G21140 PRICE..... **$15.00**

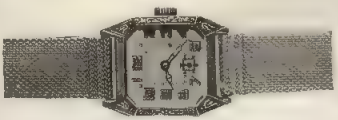
Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year.
Case: Solid nickel, chromium finish. Luminous sterling silver dial.
Strap: Chromium finish, flexible mesh, expansion link.
2G21142 PRICE..... **$17.50**

A good reliable watch with a definite guarantee backed by a responsible maker is now offered at prices scarcely more than half the former market value.

Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year.
Case: Rolled plate, chromium finish. Luminous sterling silver dial.
2G21139 PRICE..... **$20.00**



Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year.
Case: Rolled plate, chromium finish. Luminous sterling silver dial.
2G21141 PRICE..... **$15.00**



Movement: 6 jewel, 10½ ligne, adjusted, guaranteed for one year.
Case: Solid nickel, chromium finish. Luminous sterling silver dial.
Strap: Chromium finish, flexible mesh, expansion link.
2G21143 PRICE..... **$17.50**

PADLOCK ASSORTMENTS

EAGLE—REVOLVING DISPLAY AND STOCK CASE

A novel and practical way of displaying and stocking padlocks. Revolving display case is of sheet metal with wood shelving, which makes it light but strong and durable. The finish of case is gilt with red striping and black lettering, and when samples are attached makes an attractive display.

The display consists of one each of twelve different styles of padlocks, fastened on two sides of the case for samples, and the whole assortment comprises five dozen popular padlocks, as follows.

Quantity Padlocks	Number	Retail Price Each	Retail Value
7	416	$0 20	$1 40
7	4202	20	1 40
7	4202¼	20	1 40
7	4078¼	20	1 40
4	4167	25	1 00
4	4418	25	1 00
4	4418¼	25	1 00
4	4167¼	25	1 00
4	4095	35	1 40
4	4234	35	1 40
4	4234¼	50	2 00
4	4158¼	50	2 00
60			$16 40

Per Ass't

No. 24550—Size of display case 14x9x9 ins..... $35 25

One in case; ship wt each 36 lbs.

Steel display panel, mahogany finish. Equipped with brass screw eyes for attaching to shelving or upright. Assortment consists of 14 general purpose padlocks one each of the following: Nos. 453x, 115J, 223, 225, 455J, 326, 235, 9465, 964JJ, 563, 565, 805F, 836 and 853.

Panel 21x7¼ inches.

Per Ass't

No. B-14 $36 00

One ass't in cardboard box; wt per ass't 8 lbs.

PADLOCK ASSORTMENTS

MILLER

Swinging steel display panel, green enameled. Complete with hinges and screws for mounting.

Assortment consists of 15 general purpose padlocks one each of the following:

Nos. 2105B, 480, 1920B, 521, 8G, 700B, 88G, 121B, 888, 41, 80, 0197, 5218, 5440and 1.

Size Panel 21x9¼ inches.

Per Ass't

No. 975—Weight each 8½ lbs..... $17 25

One ass't in carton.

MILLER

Assortment consists of 14 padlocks 2 each: Nos. 40, 40LS, 41, 41LS, 42, 44SS and 44CS. Mounted on steel panel 21 inches high and 9¼ inches wide; dark green finish. Panel supplied with hinges and screws ready to hang. Rear of panel carries a sheet, showing suggested resale prices, selling arguments, list of Dealers helps, etc

Per Ass't

No. 940—Weight each 7½ lbs..... $20 25

One ass't in cardboard box.

The quickest way in the world to run Customers away from your Store, is to sell them a cheap inferior Padlock. Persuade them to buy the best—they are cheaper in the end.

PADLOCK ASSORTMENTS

FRAIM-SLAYMAKER

For Disc Steel Wheels.

Assortment consists of 1 dozen locks especially designed for use on disc steel wheels, displayed on 14½x15 inch attractive lithographed easel back metal display stand. Locks assorted as follow:

6—No. 189B with 1¾ inch rust-proof iron case and shackle with brass barrels. Bolts and ward construction. Red rubber bumpers. 2 keys.

3—No. 991B with 2 inch brass case and rust-proof adjustable shackle. Interlocking bolts and ward construction. Red rubber bumpers. 2 keys.

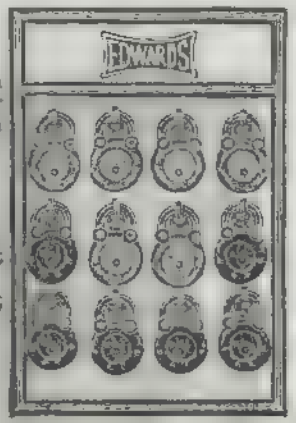
3—No. 156B with 1⅝ inch bronze case and rust-proof shackle. Sem. pin tumbler construction. Red rubber bumpers. 2 coined and slotted keys.

Per Ass't

No. 9168D—Complete as described..... **$23 25**

One ass't in cardboard box; wt per ass't 5½ lbs.

SIX LEVER



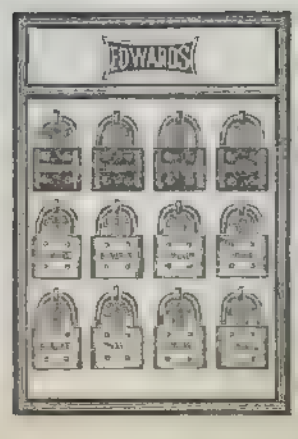
Assortment consists of green enameled steel easel back counter display stand with twelve 2 inch padlocks assorted as follows:

4—Brass plated case
2—Japanned case
2—Galvanized case
4—Antique copper finished case

Per Ass't

No. 145E—Size display stand 16¼x10⅝ ins..... **$9 75**

One ass't in cardboard box; wt per ass't 6 lbs.



EDWARD'S

Assortment consists of green enameled steel, easel back counter display stand with twelve 2 inch padlocks assorted as follows:

4—Japanned case
4—Galvanized case
4—Brass plated case

Per Ass't

No. 130E—Size display stand 16¼x10⅝ ins..... **$12 00**

One ass't in cardboard box; wt per ass't 6¼ lbs.

PADLOCK ASSORTMENTS

EAGLE—DISPLAY CARDS

Assortment consists of one dozen wrought iron 2 inch case padlocks, finished in assorted colors; 3 dark blue, 3 brass, 3 brown and 3 maroon. All have large heavy shackles; six levers; furnished with two double bitted polished iron keys; 12 changes to a dozen. Mounted on neat display card.

Per Ass't

No. 24717—Wt per asst 4½ lbs..... **$11 25**

One card in cardboard box, 50 cards in case.

MILLER—DISPLAY CARDS

Assortment contains 12 wrought steel 1⅝ in. padlocks, 6 brass plated, and 6 black enameled. All have malleable iron shackles, furnished with 2 keys each; 3 changes. Assortment mounted on a handsome display card provided with an easel on back.

Per Ass't

No. R—Wt per ass't about 3 lbs..... **$4 20**

One card in cardboard box; 50 cards in case.

MILLER—DISPLAY CARDS

Assortment contains 12 locks; 6 each, No. 1905B, case and shackles brassed; No. 1905, black enameled case. Case shackle and interior parts steel, 6 changes; size of card 14x12½ ins. Each lock has 2 keys, card has an eyelet for hanging also has an easel.

Per Ass't

No. E—Wt per ass't 3 lbs..... **$5 70**

One card in cardboard box, 50 cards in case.

PADLOCK ASSORTMENTS

EAGLE—DISPLAY CARDS

Assortment consists of 12 wrought steel 2 inch padlocks: 4 ivory black, 4 brass plated and 4 antique copper plated; mounted on display card 16x3⅛x11½ inches, with easel support at back.

Per Ass't

No. 157—Wt per ass't about 4½ lbs..... **$6 75**

One card in cardboard box; 25 cards in case.

EAGLE—DISPLAY CARDS

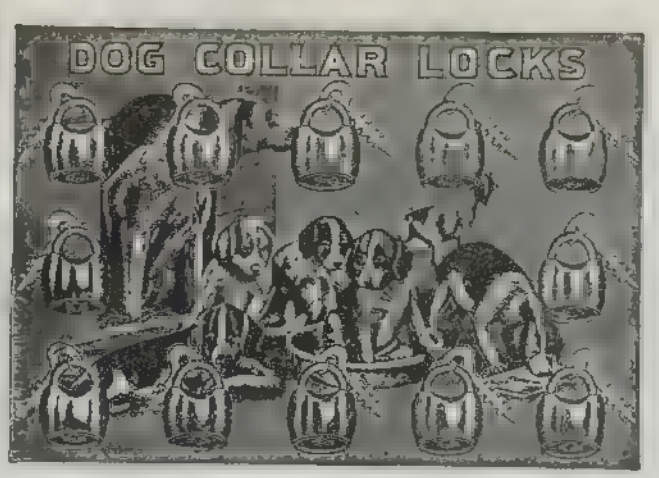
Assortment consists of one dozen dog and cat collar padlocks, mounted on display card with strong easel. Locks are made of brass and are self-locking, spring shackle. 3, ½ inch plain brass locks; 3, ⅝ inch plain brass locks; 6, ⅝ inch nickel plated locks. 1 key.

Per Ass't

No. 10J—Wt per ass't 3 lbs..... **$6 75**

One card in cardboard box; 50 cards in case.

DOG COLLAR PADLOCKS



One dozen all alike on a lithograph display card.

Per Ass't

No. 525—¾ in. brass case; buffed finish; brass key.. **$4 50**

One doz on display card; wt per doz ½ lb.

One dozen all alike on a lithograph display card.

Per Ass't

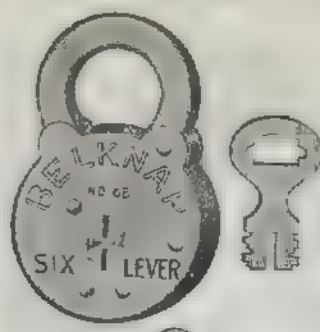
No. 527—⅝ in. brass case, nickel plated finish; self-locking spring shackle; nickeled key..... **$5 10**

One doz on display card; wt per doz ¾ lb.

No matter what your requirements are for Builders we can quickly and satisfactorily serve you.

D 2

PADLOCKS
SELF-LOCKING SPRING SHACKLE



—BELKNAP—

Brass plated steel case and shackle; six secure steel levers; two flat steel keys, 12 changes to a dozen. Cannot be master keyed.

	Per Doz
No. 66—2 in case	$5 55

One doz in cardboard box; wt per doz 4½ lbs.

—BELKNAP—

2 inch brass plated steel case and shackle; six secure steel levers; drilled barrel keys, 12 changes to a dozen. Cannot be master keyed.

	Per Doz
No. 60—With 2 keys	$5 40
No. 60X3—With 3 keys	6 75

One doz in cardboard box; wt per doz 4½ lbs.

—BELKNAP—

Cast brass case; nickel plated steel shackle; 2 nickel plated, corrugated steel keys. 6 changes to a dozen.

	Per Doz	Per Gro
No. 4—1½ in. case	$6 00	70 20

One doz in cardboard box; wt per doz 3 lbs.

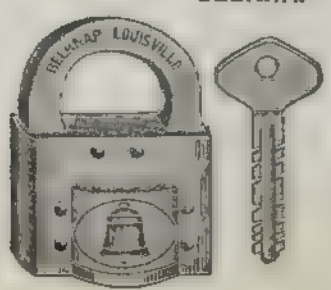
—BELKNAP—

Cast brass case, red brass side plates; steel rod shackle, copper plated; spring bolt warded mechanism. 2 nickel plated steel keys. 6 key changes to a dozen.

	Per Doz
No. 111—2 in. case	$15 00

Half doz in cardboard box; wt per doz 6½ lbs.

—BELKNAP—LOUISVILLE



Heavy rust-proofed iron case, with plated steel panels; compressed brass shackle, bright finish; brass interior mechanism, key cylinder and rivets; two corrugated electro-brassed steel keys.

	Per Doz
No. 33—2 in. case	$12 00

Half doz in cardboard box; wt per doz 5 lbs.

PADLOCKS
SELF-LOCKING SPRING SHACKLE

—BELKNAP—

Cast brass case, with raised parts polished and trade-mark in red relief. Round brass rod spring action shackle; two flat steel nickeled keys.

	Per Doz
No. 77—2⅛ in. case	$12 00
No. 77C—2⅛ in. case, with 9 in. black rust-proofed chain	16 50

Half doz in cardboard box; wt per doz 4½ lbs.

—BLUE GRASS—

Cast brass case polished; steel discs, copper plated; steel rod shackle; spring bolt mechanism. 2 nickel plated steel keys. 12 key changes to a dozen.

	Per Doz
No. BG598—Size case 1⅞ ins	$16 50

Half doz in cardboard box; wt per doz 5 lbs.

—BLUE GRASS—

Heavy brass case, polished finish; ⅝ inch nickel plated spring jump, steel rod shackle; two nickel plated flat steel keys; 12 changes. Cannot be master keyed.

	Per Doz
No. BG600 Size 2⅛ ins; wt per doz 5½ lbs.	$18 00

Half doz in cardboard box.

—BLUE GRASS—Bull Dog Model.

Cast iron case, bower barff finish; cast bronze shackle, highly polished; 4 pin tumblers; 2 flat steel keys; 144 changes. Cannot be master keyed.

	Per Doz
No. BG44—2 in. case	$28 80
No. BG44C—2 in. case with 9 in. chain	32 40

One in box; half doz in cardboard box; wt per doz 7½ lbs.

PADLOCKS

SELF-LOCKING SPRING SHACKLE

—BELKNAP—
Semi Pin Tumbler Type.

Extra heavy bronze metal body, full polished; automatic, self locking, heavy steel rod spring shackles, nickel plated on heavy coppered base; heavy bronze centrifugal spring bolts, securely locking both ends of shackle; deep, laminated, counter sunk and centered spring. Two heavy, milled nickel silver, fancy coined bow keys, capable of many key changes. Cannot be master keyed.

	Per Doz
No. 47—2 in. case; keyed different	$46 50
No. 47-KA—2 in case, keyed alike	46 50
No. 45 1¾ in. case; keyed different	34 50
No. 46—1¾ in. case; keyed different	42 00

One in box; half doz in cardboard box; wt per doz 6½ lbs.

EAGLE

Steel case, bower barff finish, nickel plated shackle; 2 embossed bow, nickel silver keys. Can be master keyed to an unlimited number of changes at extra charge. (See page 803).

	Per Doz
No. 530—1⅛ in	$39 00
No. 531—1½ in	46 50
No. 532—1¾ in	49 50

One in cardboard box; average wt per doz 4¼ lbs.

EAGLE

Bronze case, buffed finish; round bronzed, self-locking shackle. Two nickel silver keys. Cannot be master keyed.

	Per Doz
No. 04402—1¼ in. case; wt per doz 5 lbs	$45 00

One half doz in cardboard box.

BOHANNAN

Polished cast bronze metal case. Five pin tumbler mechanism, self locking polished brass spring shackle, extra heavy bolt locks shackle at both ends. 2 nickel silver keys. Can be master keyed to an unlimited number of changes at extra charge. (See page 803).

	Per Doz
No. 630—1½ in case; wt per doz 5¼ lbs.	$39 00
No. 640—1¾ in. case; wt per doz 7 lbs	48 60
No. 650—2 in. case; wt per doz 8½ lbs	58 50

Half doz in cardboard box.

PADLOCKS

SELF-LOCKING SPRING SHACKLE

EAGLE

Solid extruded brass metal case. Self-locking spring shackle. Pin tumbler mechanism. Two corrugated nickel silver keys. Suitable for automobile use. No two locks alike. Can be master keyed to an unlimited number of changes at extra charge. (See page 803).

	Per Doz
No. 04279—1 in. case; wt per doz 3 lbs	$43 50
No. 04281—1½ in. case; wt per doz 5 lbs	63 00
No. 04283—2 in. case; wt per doz 8 lbs	90 00

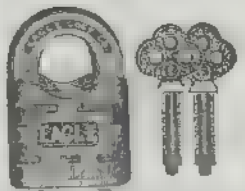
One in cardboard box.

EAGLE

Solid cast bronze case, polished raised surface, rough background; case hardened steel, self-locking spring shackle, nickel plated; 2 nickel silver keys. Can be master keyed to an unlimited number of changes at extra charge. (See page 803).

	Per Doz
No. 04186S—2 in. case; wt per doz 10 lbs	$99 00

One in cardboard box; 25 doz in case.



EAGLE

Cast bronze case and shackle, all raised surfaces and shackle polished, 2 flat steel keys. Cannot be master keyed.

	Per Doz
No. 04251—1¼ in. case; 48 changes; 3 lever tumblers; wt per doz 2½ lbs	$52 50
No. 04255—1½ in. case; 48 changes; 3 lever tumblers; wt per doz 4 lbs	58 50
No. 04263—2 in. case; 144 changes; 4 lever tumblers; wt per doz 7 lbs	72 00

Half doz in cardboard box.

	Per Doz
No. 04263C—With 9 inch galvanized chain. 2 in. case; 144 changes; 4 lever tumblers; wt per doz 8 lbs; otherwise same as No. 04263	$78 00

Quarter doz in cardboard box.

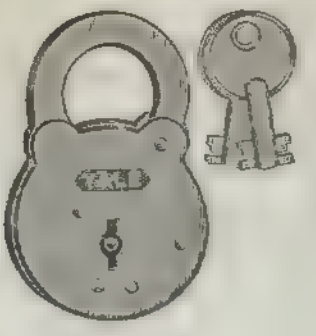
YALE

Steel case, malleable iron, brass plated shackle; two nickel plated flat steel keys. 6 changes to a dozen.

	Per Doz
No. 453X—1½ in. case; brass plated; wt per doz 4 lbs	$6 75
No. 455—2 in. case; ivory black finish; wt per doz 4½ lbs	9 00

Half doz in cardboard box.

PADLOCKS
SELF-LOCKING SPRING SHACKLE



YALE

Steel case, brass plated finish; malleable iron brass plated spring shackle, 6 levers; two double bitted brass plated barrel keys. 12 changes to a dozen.

Per Doz

No. 9465X—2 in. case $7 50

Half doz in cardboard box; wt per doz about 4½ lbs.

YALE

Steel case, black finish; brass plated steel spring shackle; two lever tumblers; two nickel plated malleable iron barrel keys; 12 changes to a dozen.

Per Doz

No. 9645J—2 in. case ... $10 50

Half doz in cardboard box; wt per doz about 4½ lbs.

YALE

Steel case, ivory black finish; steel, nickel plated steel spring shackle; warded type; two corrugated nickel plated steel keys; 6 changes to a dozen.

Per Doz

No. 115J—2 in. case $9 00

Half doz in cardboard box; wt per doz about 5 lbs.

YALE

Heavy cast iron frame, bower barff finish; wrought steel face, back and shackle, brass plated finish; warded type; two nickel plated flat steel keys. Cannot be master keyed.

Per Doz

No. 223—1½ in. case; wt per doz 5 lbs.... $12 75

No. 225—2 in. case; wt per doz 8 lbs.... 16 75

Half doz in cardboard box.

YALE

Cast iron case, bower barff finish; nickel plated spring steel shackle; 2 nickel plated flat steel keys; 6 changes to a dozen.

Per Doz

No. 235—2⅛ in. case $12 75

Half doz in cardboard box; wt per doz about 4¾ lbs.

PADLOCKS
SELF-LOCKING SPRING SHACKLE

YALE

Heavy cast iron frame; bower barff finish; wrought steel face; back and shackle bronze plated finish; warded type; 2 flat steel keys, polished.

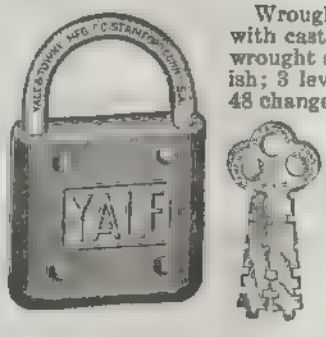
Cannot be master keyed.

Per Doz

No. 324—1⅜ in. case; wt per doz 4¾ lbs.... $16 50

No. 326—2¼ in. case; wt per doz 8 lbs..... 19 50

Half doz in cardboard box.

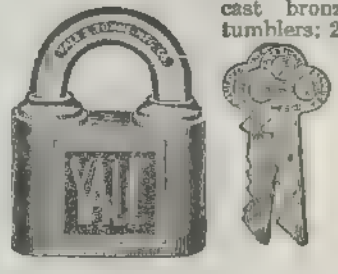


YALE

Wrought steel case, bower barff finish, with cast brass plate at bottom of lock; wrought steel shackle, nickel plated finish; 3 lever tumblers; 2 flat steel keys; 48 changes. Cannot be master keyed.

Nos.	563	565
Size case, in.	1⅝	2
Wt per doz, lbs.	3¾	4½
Per Doz	$24 75	30 75

Half doz in cardboard box.



YALE

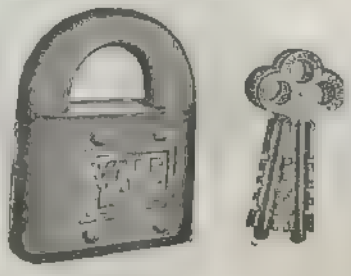
Cast iron case, bower barff finish; cast bronze shackle, polished; 4 pin tumblers; 2 flat steel keys; 144 changes. Cannot be master keyed.

Per Doz

No. 803F—1½ in. case; wt per doz 4½ lbs. $32 40

No. 805F—2 in. case; wt per doz 7½ lbs.. 32 40

Half doz in cardboard box.



YALE

Heavy wrought steel case, bower barff finish, brass caps, brass rivets; cast steel shackle bower barff; bronze inside works; 4 lever tumblers; 2 nickel plated, corrugated steel keys, 144 changes. Cannot be master keyed.

Per Doz

No. B454—2 in. case; wt per doz 6 lbs....$36 75

Half doz in cardboard box.

YALE

Cast iron case, bower barff finish; cast bronze shackle; 4 pin tumblers; 2 corrugated, nickel bronze, coined, gold plated keys; 144 changes. Cannot be master keyed.

Per Doz

No. 905—2 in. case.... $43 50

Half doz in cardboard box.

PADLOCKS

SELF-LOCKING SPRING SHACKLE

YALE

Cast bronze case, wheel finish; nickel plated steel spring shackle; two nickel plated steel keys; three lever tumblers; 48 changes.

Per Doz

No. 836—1¼ in. case..... **$66 00**

Five in cardboard box; wt per doz 4 lbs

YALE

Cast bronze case; wheel finish; bronze steel case hardened shackle; 4 lever tumblers; 2 nickel-bronze keys; gold plated bows; 144 changes.

Per Doz

No. 853—2 in. case.. **$73 50**

Half doz in cardboard box; wt per doz about 4½ lbs.

YALE

Cast bronze case; wheel finish; bronze steel case hardened shackles with 9 inch chain; 4 lever tumblers; 2 nickel-bronze keys; gold plated bows; 144 changes. Per Doz

No. 853½—2 in. case..... **$81 00**

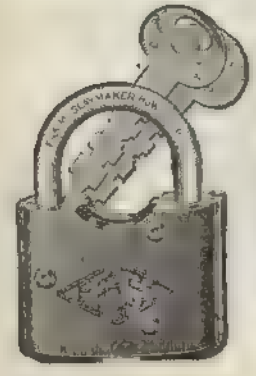
Quarter doz in cardboard box; wt per doz about 6 lbs.

EAGLE

Wrought steel case, ivory black finish, nickel plated automatic spring shackle; 2 nickel plated corrugated steel keys; 12 changes to dozen; cannot be master keyed. Per Doz

No. 4095—2 in. case..... **$7 50**

Half doz in cardboard box, wt per doz 3¾ lbs.



Heavy iron case, rust proof finish; brass plated automatic steel shackle; spring levers and wards mechanism; 2 flat nickel plated steel keys. Cannot be master keyed.

Nos.	292	291
Size case ins	1⅝	2⅛
Wt per doz lbs	2	4
Doz in box	1	½
Per Doz	**$9 75**	**12 00**

PADLOCKS

SELF-LOCKING SPRING SHACKLE

EDWARDS

2 inch wrought steel case; heavy round steel swing shackle; corrugated brass key bushings; two corrugated steel keys; 6 changes to a dozen.

Per Doz

No. 01090—Brass plated..... **$11 25**

Half doz in cardboard box; wt per doz 5½ lbs.

EAGLE

Cast brass case, polished finish, spring shackle; 6 changes to a dozen; 2 nickel plated corrugated keys. Cannot be master keyed.

Per Doz

No. 550—2 in. case; wt per doz 4½ lbs... **$18 00**

Half doz in cardboard box.

R. F. D. Master Keyed.

Solid brass, highly polished; round steel spring shackle, flies open to quarter turn position when unlocked; two corrugated nickel plated steel keys; 6 changes to dozen with one universal master key to pass in each dozen.

Per Doz

No. 5000—1½ in. case... **$9 00**

One doz in cardboard box; wt per doz 2¾ lbs.

EAGLE

R. F. D. Master Keyed.

Cast brass case, black background, round brass spring shackle, self-locking; 2 nickel plated corrugated keys. 18 changes with one universal master key to pass in each dozen. Per Doz

No. 04227—1½ in. case. **$14 25**

No. 04227C—1½ in. case; 6 in. chain..... **17 25**

Master keys, extra..... **4 95**

One in cardboard box; wt per doz 8½ lbs.

PADLOCKS

SELF-LOCKING SPRING SHACKLE

SLAYMAKER

For Golf Bags, Soldier Kits, Baskets, Etc.

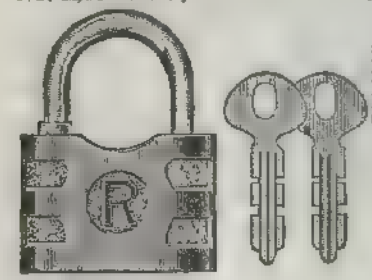
Cast brass case; nickel finish steel rod, spring shackle 1¾ inches long, 7/16 inch wide. Two nickel plated flat steel keys.

Per Doz
No. 1095—1¼ in. case $13 50
One doz in cardboard box; wt per doz 1⅝ lbs.

EAGLE

Cast brass case, polished; nickel plated automatic spring shackle that flies open to a quarter turn position when unlocked; 2 nickel plated flat steel keys; 6 changes to a dozen. Cannot be master keyed.

Per Doz
No. 04606—1¼ in. case; wt per doz 3½ lbs..... $10 50
No. 04607—1⅝ in. case; wt per doz 4 lbs..... 13 50
No. 04608—2⅛ in. case; wt per doz 5½ lbs 15 75
No. 04606 and 04607 one doz. No. 04608 half doz in cardboard box

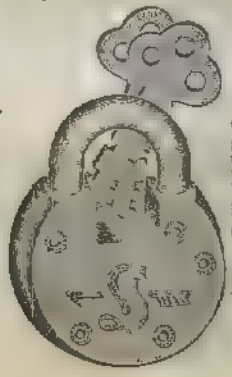


Solid bronze, highly polished; nickel plated automatic steel shackle; 2 nickel plated corrugated steel keys; 6 changes to a dozen. Cannot be master keyed.

Per Doz
No. 5300—2⅛ in. case..... $13 50
One doz in cardboard box; wt per doz 5 5/16 lbs

SLAYMAKER

Black rust-proof steel case. Shackle with automatic action and positive stop on case; brass plated riveted studs; slotted key cylinders 2 heavy cone-centered, nickel steel keys; 6 changes to a dozen. Cannot be master keyed. Per Doz
No. 147—2 in steel case, 2 keys each..$13 50
Half doz in cardboard box.



SLAYMAKER

Heavy brass case, polished finish; coppered steel shackle with automatic action and positive stop on case; button head rivets; large shackle opening; convexed key center; 2 heavy polished nickeled flat steel keys; 6 changes to a dozen. Cannot be master keyed.

Per Doz
No. 180—2⅛ in. case..... $12 00
Half doz in cardboard box; wt per doz 5 lbs.

PADLOCKS

SELF-LOCKING SPRING SHACKLE

SLAYMAKER

In Modernistic Designs with Ornamentations In Black, Red and Orange.

Heavy cast brass case, polished finish. Coppered steel rod shackle with automatic action. Spring levers and wards mechanism. Two nickel plated flat steel keys, 6 changes, cannot be master keyed.

Per Doz
No. 381—2 in. case..... $12 75
Half doz in cardboard box; wt per doz 4⅜ lbs.

SLAYMAKER

Cast iron case and shackle, brass plated; 6 levers; phosphor bronze springs; push key; 2 flat steel keys; 12 changes. Cannot be master keyed.

Per Doz
No. 80—2½ in. case $18 00
Half doz in cardboard box; wt per doz 6 lbs.

—ECLIPSE—

All brass case, phosphor bronze spring, polished raised surface, rough background; brass works; 6 levers; 2 nickel plated flat steel keys; all different to a dozen. Cannot be master keyed.

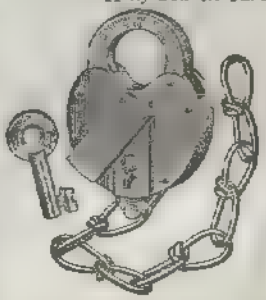
Per Doz
No. 50—2½ ins..... $27 00
Half doz in cardboard box; wt per doz 6 lbs.

MILLER

Gun metal case, phosphor bronze spring, brass works, 6 lever, highly polished, 2 nickel plated steel keys. Cannot be master keyed.

Per Doz
No. 5—2¼ in. case without chain $36 00
No. 10—2¼ in. case with chain 39 00
Half doz in cardboard box; wt per doz 6 lbs.

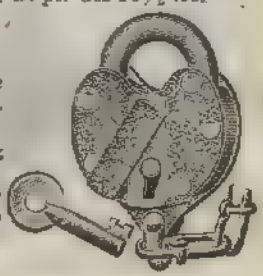
BOHANNAN



Malleable iron, galvanized finish; spring keyhole cover and 9 inch galvanized chain. Tubular mechanism, heavy locking spring shackle, extra heavy works of brass, springs of phosphor bronze. 2 polished bronze metal keys.

Per Doz
No. 116—2½ in. case; all different in a doz..... $48 60
No. 116KA—2½ in. case; all alike 48 60
One-quarter doz in cardboard box; wt per doz 10½ lbs.

—BELKNAP'S—Standard Railway Switch and Car Lock.



Bronze dipped bright case, bronze springs, spring drop cover, 1 brass key. Cannot be master keyed.

Per Doz
No. 90—2½ ins; all different in a doz..... $54 00
No. 91—2½ ins; all alike .. 54 00
Half doz in cardboard box; wt per doz 13 lbs.

PADLOCKS

SELF-LOCKING SPRING SHACKLE

FRAIM-SLAYMAKER

2⅛ inch heavy wrought steel case; five secure lever construction; two nickeled flat steel keys; 144 key changes.

	Per Doz
No. 250—Black enameled case with nickeled malleable steel shackle	$27 00
No. 252—Electro galvanized case and shackle	27 00

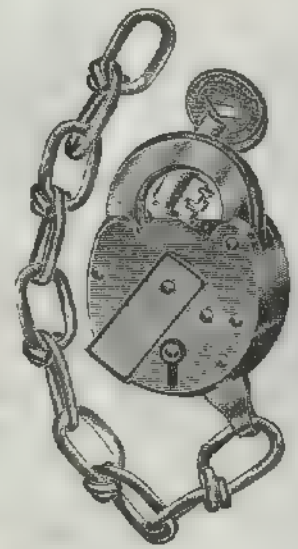
Half doz in cardboard box; wt per doz 5¾ lbs.

FRAIM SLAYMAKER

Electro galvanized heavy wrought steel case, malleable iron steel shackle; spring keyhole cover; 9 inch electro galvanized steel chain; five secure lever construction. Heavy spring locking shackle. Two drilled barrel nickel finish malleable steel keys. 144 key changes.

	Per Doz
No. 257—2¼ in case	$32 25

Half doz in cardboard box; wt per doz 7¾ lbs.



OMECO

Pressed steel case, japanned finish; round malleable iron automatic locking shackle, affording large openings; bolt and spring construction; two nickel plated flat steel keys.
Size case 1½ inches.

No.	2081
Less than gro lots, Per Doz	$ 2 55
Gro lots or more, Per Gro	27 75

One doz in cardboard box; wt per doz 1 9/16 lbs.

CORBIN

Steel case, brass plated; wrought steel brass plated spring shackle; 2 nickel plated flat steel keys. Cannot be master keyed.

Nos.	9701¼	9702¾	9703¾	9704¾
Size, ins	1¼	1½	1¾	2
Per Doz	$3 15	3 60	3 90	4 95

One doz in cardboard box; average wt per doz 1¾ lbs.

PADLOCKS

SELF-LOCKING SPRING SHACKLE

EAGLE

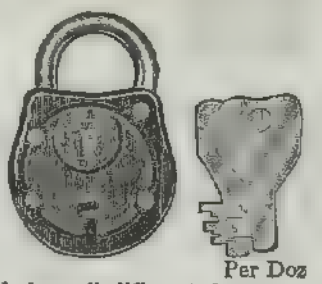
Steel case, ivory black finish; 2 secure levers, malleable iron spring shackle; 12 changes to a dozen; 2 nickel plated flat steel keys. Cannot be master keyed.

Nos.	500	501	502
Size case, ins	1¼	1½	1¾
Wt doz, lbs	1¼	1½	2½
Per doz	$5 70	6 75	7 50

One doz in cardboard box.

For Lockers.

1½ inch wrought steel case, black japanned finish; round malleable iron shackle; mechanism consists of bolt, three wards and two levers; 120 key changes. Two keys.



	Per Doz
No. 22—One doz in cardboard box all different key changes	$7 50
No. 22MK—One doz in cardboard box with two regular change keys to each lock and one master key to each doz	7 50

Wt per doz 2⅛ lbs.

MILLER

Steel case, malleable shackle, 2 flat steel keys each, 6 changes. Cannot be master keyed.

	Per Doz
No. 18—1½ in, black enameled case, nickeled shackle	$6 00
No. 19—1¾ in, black enameled case, nickeled shackle	7 50
No. 218—2 in. brass plated case and shackle	9 00

Half doz in cardboard box; wt per doz about 1 lb.

MILLER

Wrought steel case, black enameled finish, malleable iron shackle, polished, self-locking; 2 flat steel keys, 12 changes to a dozen. Cannot be master keyed.

	Per Doz
No. 1897—2 in. case	$9 00

One doz in cardboard box; wt doz 2¾ lbs.

MILLER

Steel case; malleable iron shackle, polished; steel tumbler; 2 flat steel keys. 12 changes to dozen. Cannot be master keyed.

	Per Doz
No. 1008—1⅛ in. brass plated case; wt per doz 3¼ lbs	$3 60

Half doz in cardboard box.

EAGLE

Brass plated steel case, spring shackle; 2 flat steel keys; assorted 6 changes to a dozen. Cannot be master keyed.

	Per Doz
No. 4166¼—1¾ in. case	$4 95
No. 4167¼—2 in. case	5 70

One doz in cardboard box; wt per doz 3 lbs.

PADLOCKS

SELF-LOCKING SPRING SHACKLE

—BELKNAP—

Steel case ivory black finish; malleable iron shackle; 2 flat steel keys, polished; 5 changes to a dozen. Cannot be master keyed.

	Per Doz
No. 416—2 in. case	$5 25

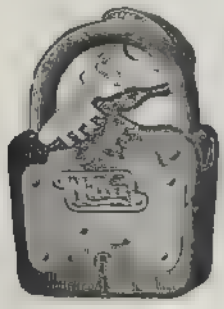
One doz in cardboard box; wt per doz 2¼ lbs.

MILLER

Steel case, brass plated; malleable iron shackle, black oxidized finish; 2 nickel plated flat steel keys; 12 changes to a dozen. Cannot be master keyed.

	Per Doz
No. 88—Size 1⅝ ins	$6 00

One doz in cardboard box; wt per doz 2 lbs.



MILLER

Steel case, brass plated; malleable iron shackle, black oxidized finish; 2 nickel plated flat steel keys; 12 changes to a dozen. Cannot be master keyed.

	Per Doz
No. 88B—1⅞ inch case	$6 75

Half doz in cardboard box; wt per doz 3 lbs.

CHIEF

Heavy brass plated steel case with brass key cylinder; brass plated steel shackle; spring bolt mechanism, 2 nickel plated double bit flat steel keys.

	Per Doz	Per Gro
No. 135—2 in. case	$3 90	45 00

One doz in cardboard box; wt per doz 3½ lbs.

EAGLE

Wrought iron case, brass plated; heavy large shackle six levers; two double bitted polished iron keys, 12 changes to a dozen. Cannot be master keyed.

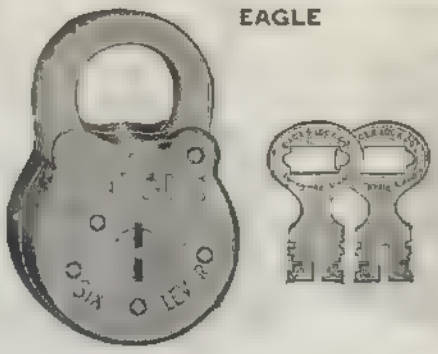
	Per Doz
No. 4234¼—2 in. case	$6 75
No. 4234¼C—2 in. case, with 9 in. chain	9 30

Half doz in cardboard box; wt per doz 4¼ lbs.

PADLOCKS

SELF-LOCKING SPRING SHACKLE

EAGLE



Six secure levers, large heavy shackle, two flat steel keys, 12 changes to a dozen. Cannot be master keyed.

	Per Doz
No. 4041¼—2 in. brass plated case	$12 00

One doz in cardboard box; wt per doz 4½ lbs.

EAGLE

Steel Case. 8 secure levers, heavy shackle. 2 double bitted flat bow steel keys, 12 changes to a dozen. Can be made with 3120 key changes all different, or 780 key changes all different and master keyed at extra charge.

(See page 803).

	Per Doz
No. 4132H—2½ in. case. Hot Galvanized; wt per doz 5 lbs.	$23 25
No. 4132HC—2½ in. case. Hot Galvanized with 9 in. chain; wt per doz 8 lbs.	27 00
No. 4132¼—2¼ in. case. Brass Plated; wt per doz 5 lbs.	18 00
No. 4133C—2½ in. case. Ivory Black with 9 in chain; wt per doz 7½ lbs.	21 75

Half doz in cardboard box.

EAGLE

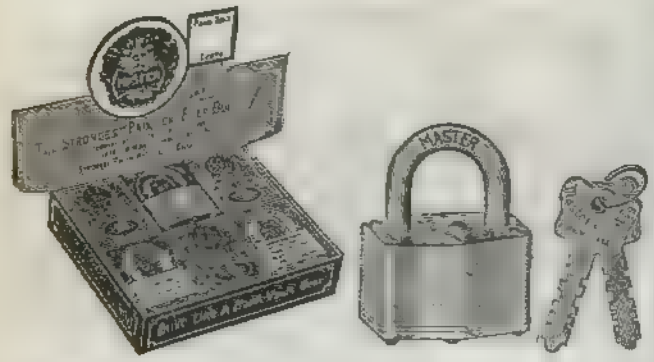
Corrugated wrought steel case, antique silver finish, cast brass shackle-jiggered and buffed; 4 secure levers; self-locking; 2 flat steel keys all different in a dozen. With 250 changes all different, at extra charge. (See page 803.) Cannot be master keyed.

	Per Doz
No. 4059—2 in. case	$19 50

Half doz in cardboard box; wt per doz 4⅞ lbs.

PADLOCKS

MASTER JUNIOR



Laminated steel case built up from seventeen plates of steel forged together under fifty ton pressure, cadmium rust-proof finish. High carbon steel shackle, double key security. Two milled flat keys. 15 key changes.

	Per Doz
No. M-500—Size case 1¾ ins; ⅞ in. shackle	$12 75

One in cardboard box, half doz in easel back counter display box; wt per doz 8¼ lbs.

MASTER

Case constructed of cold rolled steel plates riveted together under tremendous pressure; high carbon steel shackle locked securely with heavy brass levers; permanent rust-proof finish case and shackle. Two nickel plated, heavy embossed flat steel keys.

Case Constructed of 20 Plates. 42 Key Changes.

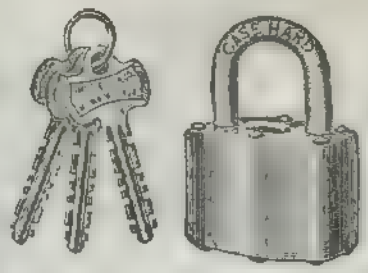
	Per Doz
No. 400M—1¾ in. case; ⅞ in. shackle clearance; wt per doz 6½ lbs	$19 50
No. 401M—1¾ in. case; 1½ in. shackle clearance; wt per doz 7¾ lbs	21 00

Case Constructed of 25 Plates. 45 Key Changes.

	Per Doz
No. 905M—2 in case; 1 in. shackle clearance	$37 80

One in cardboard box, half doz in carton; wt per doz 9 lbs

PADLOCKS



MASTER

Case constructed of cold rolled steel plates riveted together under tremendous pressure; case hardened steel shackle locked securely with heavy brass levers; permanent rust-proof finish case and shackle. Three nickel plated, heavy embossed flat steel keys.

Case Constructed of 20 Plates. 75 Key Changes.

	Per Doz
No. 300M—1¾ in. case; ⅞ in. shackle clearance; wt per doz 6 lbs	$30 00
No. 301M—1¾ in. case; 1½ in. shackle clearance; wt per doz 6¾ lbs	32 25
No. 302M—1¾ in. case, 2 in. shackle clearance; wt per doz 7½ lbs	34 50
No. 303M—1¾ in. case, 2½ in. shackle clearance; wt per doz 8¼ lbs	36 00

Case Constructed of 25 Plates. 75 Key Changes.

	Per Doz
No. 907M—2 in. case, 1 in. shackle clearance; wt per doz 9 lbs	$45 00

One in cardboard box; half doz in carton.

MASTER, MOUNTED ON DISPLAY BOARDS

Hardwood display board, walnut rubbed finish. Size 23x3¾ inches.

	Each
No. 40M—6 No. 400M padlocks mounted on board	$ 9 75
No. 30M—6 No. 300M padlocks mounted on board	15 00

One board in carton; wt each 5 lbs.

Without disregarding the influence of price appeal to many customers, give maximum attention and selling effort to **those lines** that by reason of their **higher quality** render better service to the consumer and greater satisfaction to yourself. Blue Grass Tools, Primble Cutlery and Crusader Paint represents highest quality to the last degree.

PADLOCKS

MASTER

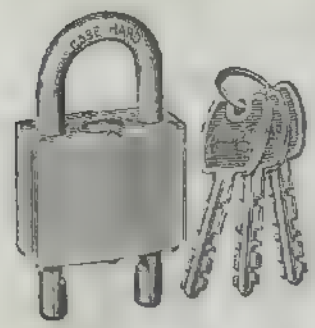
Adjustable Shackle, For Automobile Tire Carriers.

Case made of twenty plates of cold rolled steel, riveted together under fifty ton pressure. Carbon steel shackle; permanently rust-proof case and shackle. Two flat steel keys; 30 key changes.

Per Doz

No. 410M—Size case 1¾ ins $23 25

One in cardboard box; 6 in carton; wt per doz 6½ lbs.



MASTER

Adjustable Shackle For Automobile Tire Carriers.

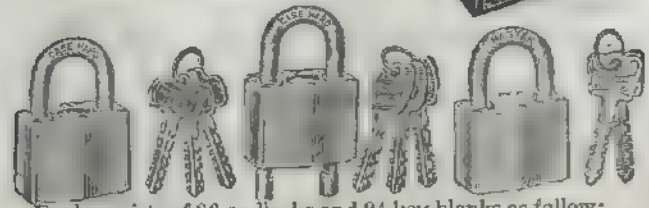
Case made of twenty plates of cold rolled steel, riveted together under fifty ton pressure. Case hardened steel shackle; three flat steel keys; 45 key changes.

Per Doz

No. 310M—Size case 1¾ ins $30 00

One in cardboard box, 6 in carton; wt per doz 6¾ lbs.

MASTER ANNIVERSARY DEAL



Deal consists of 26 padlocks and 24 key blanks as follow:

Dealer Buys—	Cost	Retail Value Each	
½ Doz—No. 500 Junior Master	$2 00	$0 50	$3 00
½ Doz—No. 410 Padlocks	3 00	75	4 50
½ Doz—No. 310 Tire Locks	4 84	1 25	7 50
½ Doz—No. 300 Padlocks	4 84	1 25	7 50
Given Free			
1—No. 905 Super Padlock	Free	1 75	1 75
1—No. 907 Super Padlock	Free	2 00	2 00
2 Doz—Key blanks (½ doz each for above locks) (when cut)	Free	25	6 00
Total Resale Value			$32 25
Cost to Dealer			14 68
Dealers Profit			$17 57

Per Deal $46 50

No. 1468—Wt each 15 lbs .....

One in carton.

PADLOCKS

(Illustration of No. 31M)

MASTER, MOUNTED ON DISPLAY BOARDS

10x14 inch, three-ply veneered wood easel back display panel with specially designed key hangers and hooks. Displays one half dozen padlocks.

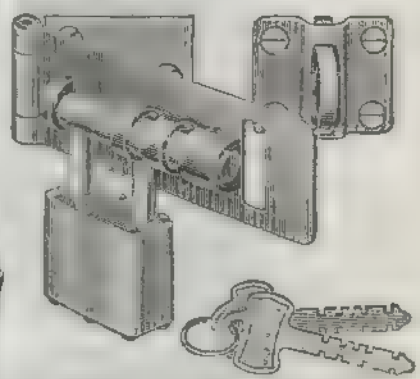
Each

No. 41M—Consists of 6 No. 410 padlocks mounted on antique green enameled display panel with attractive lettering in red and black $11 25

No. 31M—Consists of 6 No. 310 padlocks mounted on rich mahogany enameled finish display panel with attractive yellow and black lettering 15 00

One in carton; wt each 5 lbs.

HASP LOCKS



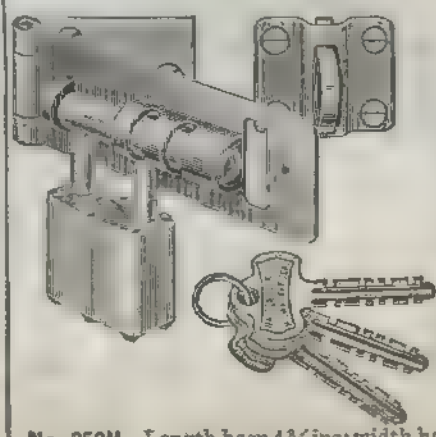
MASTER

Heavy steel hasp and lock combined in one unit. Case made of twenty plates of cold rolled steel, riveted together seven times under fifty ton pressure, plain steel shackle, permanently rust-proof case and shackle; two flat steel keys. 42 changes.

Per Doz

No. 450M Length hasp 4¾ ins; width hasp 1⅜ ins; size case 1¾ ins $34 50

One in cardboard box; wt per doz 12 lbs.



MASTER

Heavy steel hasp and lock combined in one unit. Case made of twenty plates of cold rolled steel, riveted together under fifty ton pressure, case hardened steel shackle; permanently rust proof case and shackle; three heavy corrugated steel keys. 75 changes.

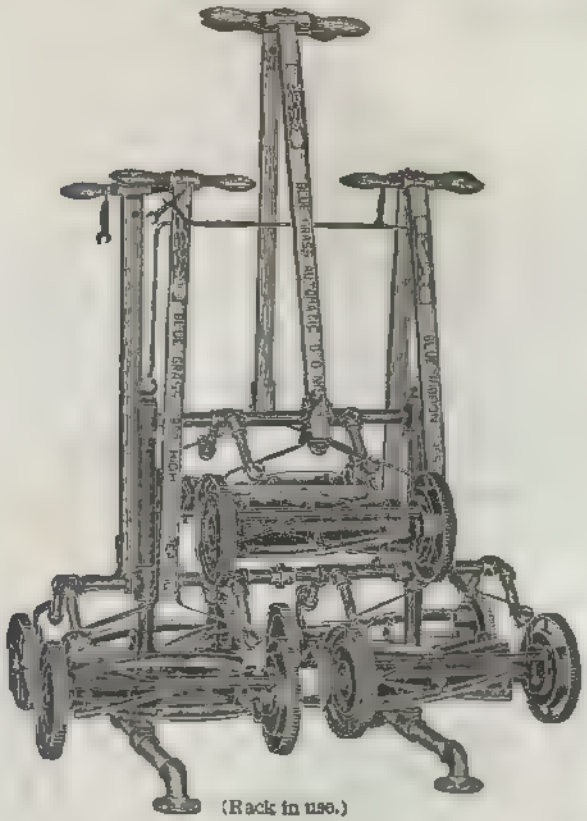
Per Doz

No. 350M—Length hasp 4¾ ins; width hasp 1⅜ ins; size case 1¾ ins $46 80

One in cardboard box, wt per doz 12 lbs

LAWN MOWER DISPLAY RACKS

—BLUE GRASS—



(Rack in use.)

Black wrought steel pipe, aluminum bronze and gold finish. For displaying all width lawn mowers. 1¼ inch base and uprights fitted with floor flange with screw holes for fastening to floor; 1 inch cross members and ¾ inch hanger arms.

Each

No. BG-100—Accommodates 6 lawn mowers. Height over all 51½ ins; width base 26½ ins; length base 30 ins; floor space 40x26½ ins **$49 50**

K. D., one in bdle; wt each 65 lbs.

HOUSEHOLD LUBRICANT

For lawn mowers, sewing machines, bicycles, etc.; will not gum or corrode; put up in tins.

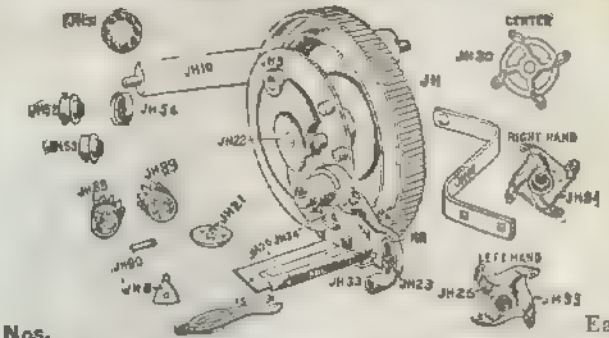
Per Doz

No. 4—Contents 4 ozs **$3 75**

Three doz in wood case; wt per doz 6 lbs.

REPAIRS FOR LAWN MOWERS

—BLUE GRASS—No. BG35

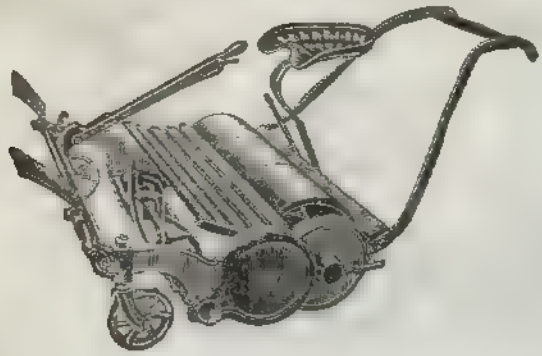


Nos.		Each
BGJH	Drive wheel, both alike	$ 3 57
BGNR	R. H. roller bracket	42
BGNL	L. H. roller bracket	42
BGJH3	R. H. side plate	3 57
BGJH2	L. H. side plate	3 67
BGJH6	Pinion cap	61
BG1906	Straight bar knife—	
	14-in	+ 2 25
	16-in	2 76
	18-in	+ 3 24
	20-in	+ 3 75
BGJH20	Straight knife—	
	14-in	1 35
	16-in	1 44
	18-in	1 56
	20-in	+ 1 68
BGJH300	Spiral cutter-complete—	
	14-in	+13 20
	16-in	+14 25
	18-in	+15 60
	20-in	+16 80
BGJH9	Spiral cutter blades—	
	14-in	+ 1 35
	16-in	+ 1 44
	18-in	+ 1 56
	20-in	+ 1 68
BGJH10	Wood roller—	
	14-in	1 35
	16-in	1 56
	18-in	+ 1 80
	20-in	+ 1 92
BGJH11	Handle irons, both alike—	
	14-in	+ 87
	16-in	+ 96
	18-in	+ 1 08
	20-in	+ 1 20
BGJH88	R. H. pinion	1 20
BGJH89	L. H. pinion	1 20
BGJH90	Double ratchet pin	18
BG15	Wrench	+ 18
BGJH18	Pinion cap bolt	+ 30
BGJH22	Drive wheel bolt	+ 30
BGJH25	Cup pointed screw for R. H. cone	+ 30
BGJH25	½ Pointed screws for L. H. cone	+ 30
BGJH21	Drive wheel washer	18
BGJH23	Roller bracket bolt	+ 30
BGJH24	Bolt for handle iron	+ 30
BGJH33	Bolts for knife bar	+ 30
BGJH34	Adj. screws for knife bar	30
BGJH26	Set screw for spider	+ 30
BGJH93	Left-hand spider	+ 1 20
BGJH94	Right-hand spider	+ 1 20
BGJH30	Center spider	+ 63
BGJH50	Wood handle, complete	+ 2 40
BGJH51	Ball retainer and balls	75
BGJH52	Right-hand BB cone	+ 1 20
BGJH53	Left-hand BB cone	+ 1 20
BGJH54	Ball-bearing cups	+ 63
BGJH55	Cone for knife bar	+ 30
BGJH56	Screws for lower blade	18

+F. O. B. Indiana Factory Only.

LAWN MOWERS

TOWNSEND'S, HORSE DRAWN



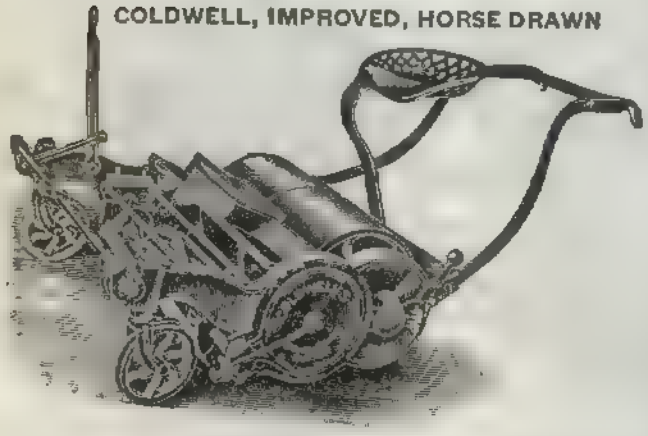
Fitted with triple rolls, having triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put into a mower; this feature maintains the motion of blades even in turning sharp corners, where in other mowers the blades remain stationary. It will cut over rough and uneven ground, and cuts its swath clean, easily and smoothly. Instant change of height of cut can be made.

Finished in light blue with gold bronze trimmings; furnished with tool box, seat, handles, shafts and side bar attachments.

Nos.	10	12	15
Width cut, ins	30	35	38
Wt each crated, lbs	755	794	825
Each	✚$291 00	✚309 00	✚324 00

Crated.

COLDWELL, IMPROVED, HORSE DRAWN



All parts are accurately machined and fitted. Equipped with shafts and side draft rods, double triple pawl rachets between rollers, adjustable split bronze bearings and a simple mechanism which throws the revolving cutters in and out of gear. Five blades.

Nos.	CH30-5	CH35-5	CH40-5
Width cut, ins	30	35	40
Ship wt each, lbs	625	660	700
Each	✚$414 00	✚462 00	✚534 00

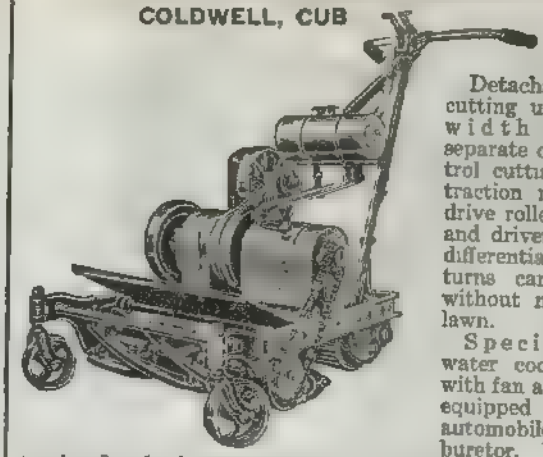
Crated.

✚Nos. 10, 12 and 15—F. O. B. New Jersey Factory Only.

✚Nos. CH30-5, CH35-5 and CH40-5—F. O. B. New York Factory Only.

MOTOR LAWN MOWERS

COLDWELL, CUB



Detachable front cutting unit; full width drive roller; separate clutches control cutting unit and traction roller clutch; drive roller is divided and driven through a differential so sharp turns can be made without marking the lawn.

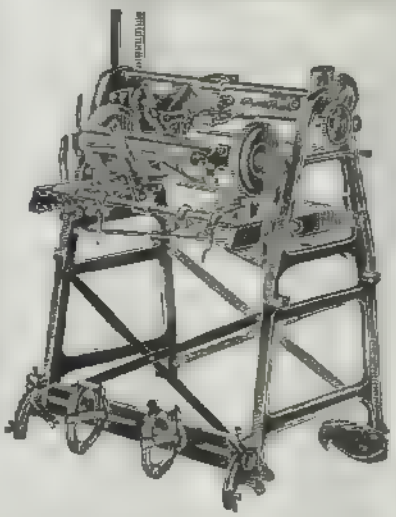
Special designed water cooled engine, with fan and radiator; equipped with an automobile type carburetor, Bosh high-tension fly wheel type magneto, oil circulating pump. A constant speed is maintained by a fly ball governor mounted in the fly wheel. Crank shaft mounted on Timkin roller bearings. Each

No. C21—Width cut 21 ins ..... ✚$600 00

Crated; wt each 400 lbs.

LAWN MOWER SHARPENERS

IDEAL



Angle iron frame construction. Alundum grinding wheel carried on a ball-bearing hub by an arm with bearings on the main shaft. The arm is counterbalanced by a weight at rear of machine and the grinding wheel is free to move up and down, carried along main shaft by feed screw and sliding head. The main driving shaft is special steel, ground and polished, key seated so as to drive the hub mounted between the bearings of arm. Hub carries a sprocket which drives grinding wheel by means of a steel chain. ¾ inch feed screw carried in babbited bearings, driven by a round leather belt over large sheave pulleys. The feed is thrown in and out by means of an improved belt shifter which locks itself in either position.

Frame of grinding wheel, ins	24
Size grinding wheel, ins	5x⅝
Height over all, ins	53
Length over all, ins	44
Width, ins	30
Diam main shaft, ins	1¼
Tight and loose pulleys, ins	4x1⅜
Speed pulley, R. P. M.	1400
Speed large hand wheel, R. P. M.	200

	Each
No. 1-IP—Power grinder, gear feed; wt each 210 lbs	✚$236 25
No. 1-IHP—Hand and power grinder with hand wheel tight and loose pulleys; wt each 235 lbs	✚ 252 00

Crated.

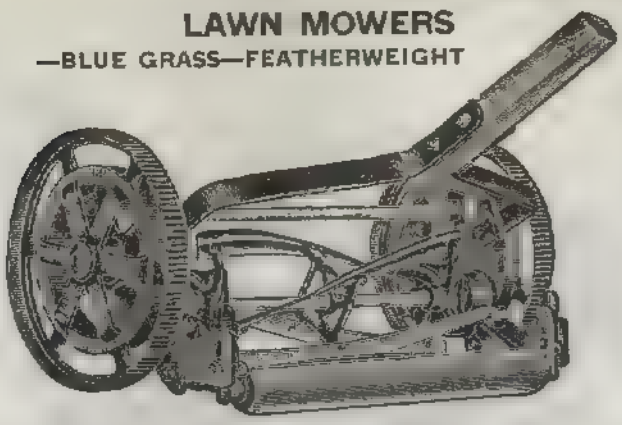
MOTOR FOR ABOVE GRINDERS

	Each
No. 1-IM—¼ H. P., Westinghouse, 110 volts A. C. 60 cycle, with special pulley for Ideal grinder	✚$50 25

✚Coldwell—F. O. B. New York Factory Only.

✚Ideal—F. O. B. Ohio Factory Only.

LAWN MOWERS
—BLUE GRASS—FEATHERWEIGHT



BALL-BEARING, High Grass, 10 Inch Open Type Wheels. Revolving Cutter 6 Inches In Diameter.

Scientifically designed, mechanically perfect, made by master craftsmen. All non-bearing parts made of high grade aluminum; four revolving, self sharpening crucible cast steel, oil tempered cutter blades, detachable crucible saw steel cone pivoted bed knife; ⅝ inch steel revolving cutter shafting and shrub rod; cone steel cups and cones. All parts accurately ground insuring perfect fitting, dust-proof bearings. Ideal for terraces.

Silver bronze finish frame, gold bronze wheels and cutting knives striped with red, varnished hardwood roller and handle.

Nos.	BG200-14	BG200-16
Width cut, ins	14	16
Wt each boxed, lbs	34	36
Each	$42 75	44 25

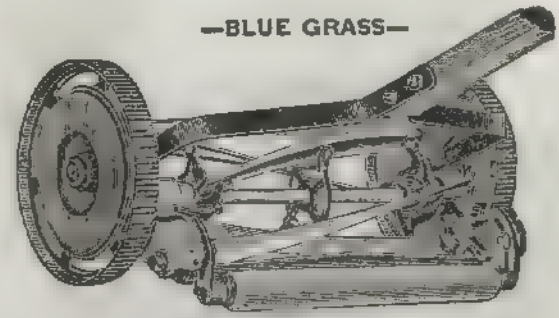
With 2½ Inch Wide Tread Wheel For Sandy Soil.

Especially adapted for sandy soil and for cutting a newly seeded lawn, will not sink into or mark the ground. Painted same as No. 200 mower. Each

No. BG300-16—Width cut 16 ins $48 00

One in wood box, handle loose.

—BLUE GRASS—



BALL-BEARING

High wheel 10 inches, cutter 6 inches diameter, four revolving crucible cast steel cutter blades, bed knife of saw steel cups, balls and cones ground perfect and are dust proof, ball bearing, silent in operation.

Finished in blue, silver and gold; varnished hardwood handle. Same ratchet as on ball-bearing high grass lawn mowers.

With Standard Wheels.

Nos.	BG1900-14	BG1900-16	BG1900-18	BG1900-20
Width cut, ins	14	16	18	20
Wt each boxed, lbs	48	50	53	58
Each	$27 75	29 25	30 75	32 25

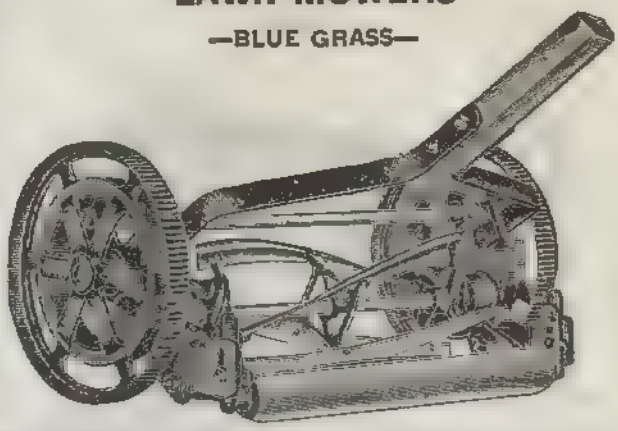
One in wood box, handle loose.

With 2½ Inch Wheel Tread for Sandy Soil.

Nos.	BG1900-2½-14	BG1900-2½-16	BG1900-2½-18
Width cut, ins	14	16	18
Wt es boxed, lbs	50	52	55
Each	$31 50	33 00	34 50

One in wood box, handle loose.

LAWN MOWERS
—BLUE GRASS—



BALL-BEARING, High Grass, Drive Wheels 10 Inches. Diameter, Revolving Cutter 6 Inches Diameter.

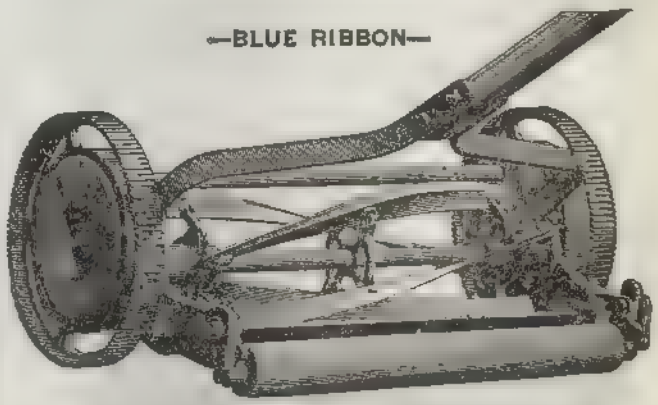
Crucible spring steel ball-pivoted bed-knife; four revolving crucible cast steel cutter blades; all shafting full ⅝ inch diameter; cones and cups will never wear or require adjustment and are made of solid cone steel; ground perfect; dust proof; adjustable throughout; silent in operation; best quality steel balls; patented ball retainer; steel wheel bearings; hardwood roller.

Finished in red, gold and silver; varnished hardwood handle.

Nos.	BG35-14	BG35-16	BG35-18
Width cut, ins	14	16	18
Wt each boxed, lbs	48	50	53
Each	$21 75	23 25	24 75

One in wood box, handle loose.

—BLUE RIBBON—



BALL-BEARING, Set Screw Adjustment.

An exceptionally well balanced machine, which will operate easier than any other of similar models owing to the very long wheel base.

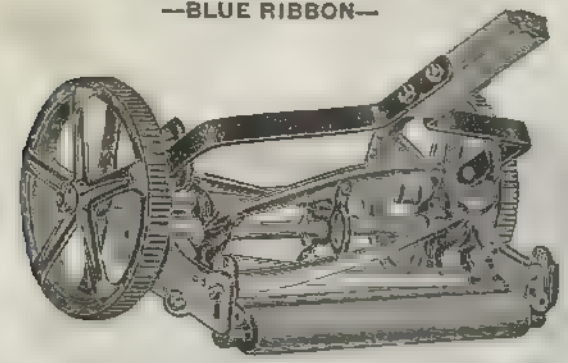
Solid center wheels 9 inches, raised gearing. Four oil tempered crucible cast steel cutter blades; cutter 5½ inches in diameter; tempered saw steel bottom cutting blade. Accurately screw adjusted, especially and conveniently arranged. ⅝ inch diameter steel revolving cutter shaft and shrub rod. Heavy malleable iron spiders; superior gray iron castings. Automatic Ball Bearing Parts guaranteed never to wear or require adjustment. Side plate adjustment; knife bar pivoted on cones; self-sharpening. Hand painted striped, will cut grass standing 5 to 6 inches; adjustable to cut grass ½ to 1½ inches.

Hardwood handle. Solid center wheels painted a bright red. The balance of the machine, cross rods, side plates, etc. is finished in gold with black striping on the cutter blades and black handle braces.

Nos.	BR10-14	BR10-16	BR10-18
Width cut, ins	14	16	18
Wt each boxed, lbs	40	42	45
Each	$20 25	21 30	22 35

One in wood box; handle loose

LAWN MOWERS
—BLUE RIBBON—



BALL BEARING, With Set Screw Adjustment.

Cutter 5½ inches in diameter, four revolving crucible steel blades, open wheels, solid steel cones and cups, dust proof, adjustable ball-bearing, silent in operation.

Furnished in silver and gold, varnished hardwood handle.

WITH 9 INCH WHEELS

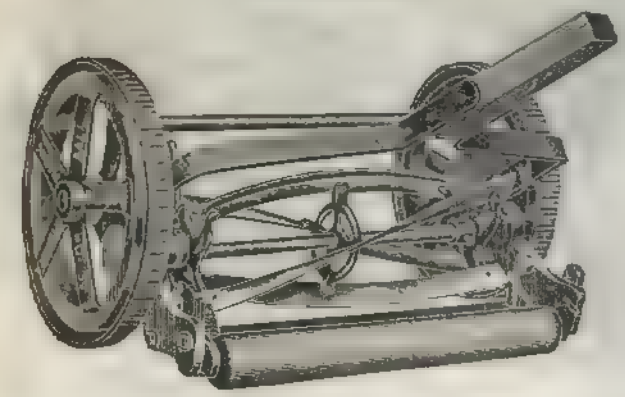
Nos.	1909A-14	1909A-16	1909A-18
Width cut, ins	14	16	18
Wt each boxed, lbs	39	40	43
Each	$20 70	21 75	22 80

WITH 10 INCH WHEELS

Nos.	H1909-14	H-1909-16	H1909-18
Width cut, ins	14	16	18
Wt each boxed, ins	38	39	40
Each	$21 75	23 25	24 75

One in wood box, handle loose.

—SPEEDMORE—



BALL-BEARING

High 9 inch skeleton drive wheels; 5½ inch revolving cutter with four crucible tempered steel revolving blades; tempered crucible saw steel blade. ⅝ inch revolving cutter shaft and shrub rod. Side plate adjustment. Ball bearing cups and cones, guaranteed never to wear or require adjustment.

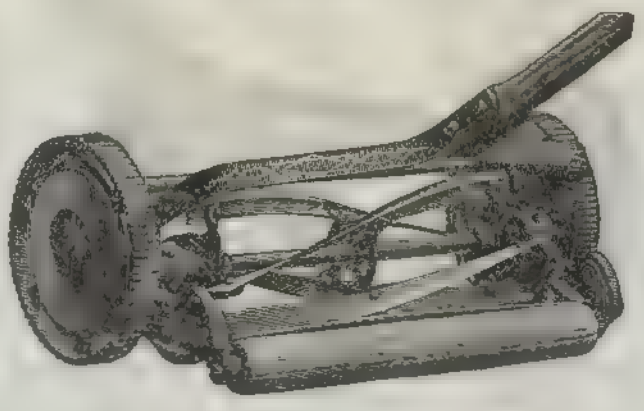
Heavy malleable iron spiders; superior grey iron castings.

Finished in silver and gold; varnished hardwood handle.

Nos.	30-14	30-16	30-18
Width cut, ins	14	16	18
Wt each boxed, lbs	44	45	46
Each	$21 45	22 50	23 55

One in wood box, handle loose.

LAWN MOWERS
—CYCLONE—



BALL-BEARING, Set Screw Adjustment.

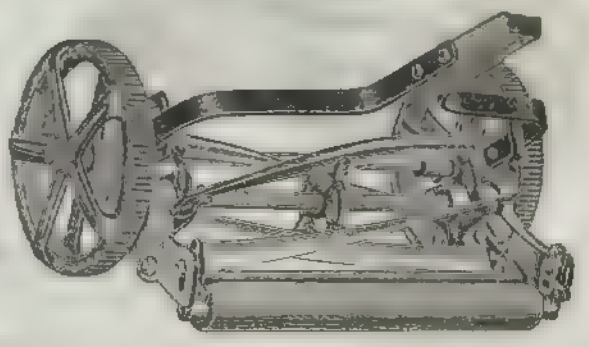
Solid center wheels, 8 inches; four revolving crucible steel blades; cutter 5½ inches in diameter; all shafting full ⅝ inch diameter; self-sharpening; grass catcher attachment; hardwood roller.

Varnished hardwood handles: Solid center wheels gold with blue stripes. Cutter blades, cross rods, side plates, etc. gold with blue stripes on blade and black handle braces.

Nos.	C450-12	C450-14	C450-16
Width cut, ins	12	14	16
Wt each boxed, lbs	36	38	40
Each	$18 00	21 75	19 50

One in wood box, handle loose.

—BLUE RIBBON—



Plain Bearing, With Set Screw Adjustment.

High wheel 9 inches, cutter 5½ inches diameter. Four high quality tool steel, oil tempered revolving blades. Ball pivoted spring steel bed knife. Open spokes in wheel and side plates. High speed, adjustable throughout; silent in operation. All shafting full ⅝ inch in diameter. Finished in aluminum and gold.

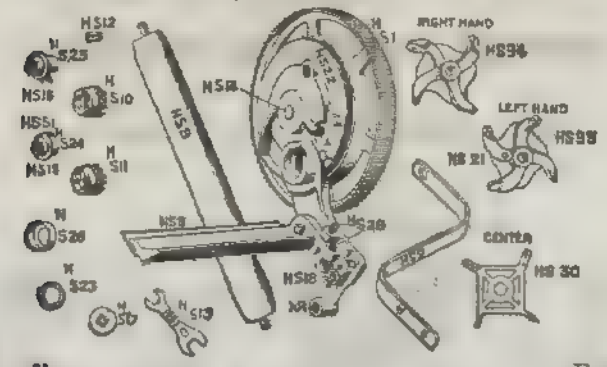
Nos.	1913A-14	1913A-16	1913A-18
Width cut, ins	14	16	18
Wt each boxed, lbs	43	45	47
Each	$19 50	20 25	21 00

One in wood box, handle loose.

REPAIRS FOR LAWN MOWERS

—BLUE GRASS—

FOR Nos. BG4714, BG4716, BG4718 AND BG4720.



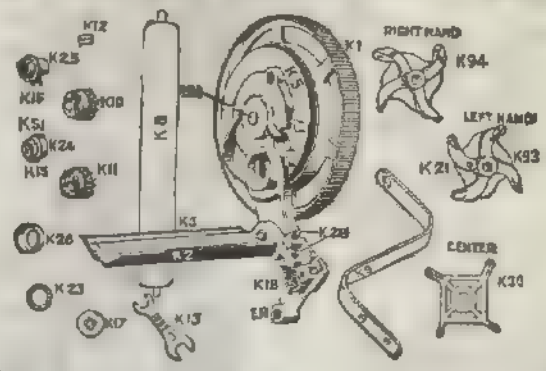
Nos.		Each
BGHS1	Drive Wheel, both alike	$3 54
BGHSR	R. H. Roller Bracket	45
BGHSL	L. H. Roller Bracket	45
BGHS22	R. H. Side Plate	3 54
BGHS33	L. H. Side Plate	3 54
BGE4	Straight Knife Bar—	
	14-in	✚ 2 31
	16-in	2 76
	18-in	3 24
	20-in	■ 3 75
BGHS5	Straight Knife—	
	14-in	1 29
	16-in	1 44
	18-in	1 65
	20-in	1 74
BGHS6	Spiral Cutter, complete—	
	14-in	✚13 05
	16-in	✚14 25
	18-in	✚15 30
	20-in	✚16 80
BGHS7	Spiral Cutter Blades, each—	
	14-in	✚ 1 74
	16-in	✚ 1 95
	18-in	✚ 2 19
	20-in	✚ 2 40
BGHS8	Wood Roller—	
	14-in	✚ 1 35
	16-in	1 59
	18-in	1 86
	20-in	✚ 1 95
BGHS9	Handle Irons, both alike—	
	14-in	✚ 90
	16-in	✚ 99
	18-in	✚ 1 35
	20-in	✚ 90
BGHS10	L. H. Pinion	1 20
BGHS11	R. H. Pinion	1 20
BGHS12	Case Hardened Ratchet Pin	18
BGHS13	Wrench	✚ 30
BGHS14	Drive Wheel Bolt	✚ 30
BGHS15	Pointed Screw for R. H. Cone	✚ 30
BGHS16	Cup-pointed Screw for L. H. Cone	✚ 30
BGHS17	Drive Wheel Washer	18
BGHS18	Roller Bracket Bolt	✚ 30
BGHS19	Bolt for Handle Iron	✚ 30
BGHS20	Screw for Lower Blade	18
BGHS21	Set Screw for Spider	✚ 30
BGHS93	Left Hand Spider	✚ 1 26
BGHS94	Right Hand Spider	✚ 1 26
BGHS30	Center Spider	✚ 66
BGHS29	Wood Handle, complete	✚ 3 30
BGHS23	Ball Retainer and Balls	78
BGHS24	Right Hand BB Cone	✚ 1 26
BGHS25	Left Hand BB Cone	✚ 1 26
BGHS26	Ball Bearing Cups	✚ 66
BGHS28	Adjusting Screw to Knife Bar	30
BGHS31	Center Knife Bar Adjusting Screw	✚ 30

✚F. O. B. Indiana Factory Only.

REPAIRS FOR LAWN MOWERS

—BLUE GRASS—

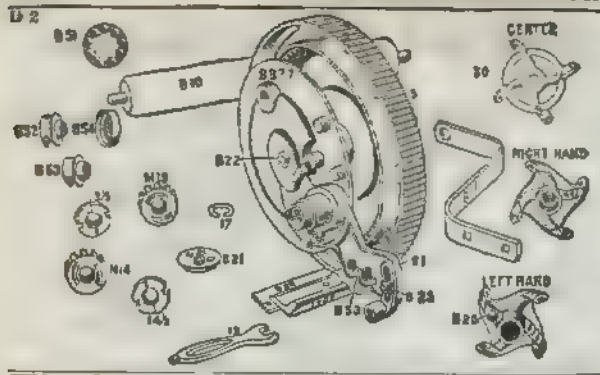
FOR No. BG25 BLUE GRASS AUTOMATIC MOWER



Nos.		Each
BGK1	Drive Wheel, both alike	$3 60
BGER	R. H. Roller Bracket	42
BGEL	L. H. Roller Bracket	42
BGK4	L. H. Side Plate	3 60
BGK5	R. H. Side Plate	3 60
BGK2	Straight Knife Bar—	
	Ins. 14 16 18 20	
	Each. ✚$3 00 ✚3 60 ✚4 05 ✚4 80	
BGK3	Straight Knife—	
	Ins. 14 16 18 20	
	Each. $1 35 1 44 1 59 1 74	
BGK6	Spiral Cutter Complete—	
	Ins. 14 16 18 20	
	Each. ✚$13 05 ✚14 25 ✚15 45 ✚16 50	
BGK7	Spiral Cutter Blades, each—	
	Ins. 14 16 18 20	
	Each. ✚$1 44 ✚1 44 ✚1 59 ✚1 74	
BGK8	Wood Roller—	
	Ins. 14 16 18 20	
	Each. $1 44 1 59 1 89 1 95	
BGK9	Handle Irons, both alike—	
	Ins. 14 16 18 20	
	Each. ✚$0 90 ✚99 ✚1 14 ✚1 26	

		Each
BGK10	L. H. Pinion	$1 26
BGK11	R. H. Pinion	1 26
BGK12	Double Ratchet Pin	18
BGK13	Wrench	✚ 18
BGK14	Drive Wheel Bolt	✚ 30
BGK15	Pointed Screw for R. H. Cone	✚ 30
BGK16	Cup-pointed Screw for L. H. Cone	✚ 30
BGK17	Drive Wheel Washer	18
BGK18	Roller Bracket Bolt	✚ 30
BGK19	Bolt for Handle Iron	✚ 30
BGK20	Screw for Lower Blade	18
BGK21	Set Screw for Spider	✚ 30
BGK93	Left Hand Spider	✚ 1 26
BGK94	Right Hand Spider	✚ 1 26
BGK30	Center Spider	✚ 66
BGK22	Wood Handle	✚ 3 30
BGK23	Ball Retainer and Ball	78
BGK24	Right Hand BB Cone	✚ 1 26
BGK25	Left Hand BB Cone	✚ 66
BGK26	Ball Bearing Cups	✚ 66
BGK27	Cone-pointed Headless Set Screw for End of Knife Bar	✚ 30
BGK28	5/16x2½ inch Screw or Adjusting	✚ 30
BGK29	Hexagon Nut for Set Screw on End of Knife Bar	✚ 18
BGK31	Cone for End of Knife Bar	✚ 30
BGK32	Brass Eccentric for Knife Bar	✚ 1 86
BGK33	Machine Screw for Eccentric	✚ 18
BGK34	Taper Pin for Cross Rod	✚ 18
BGK35	Thumb Nut for Adjusting	30

✚F. O. B. Indiana Factory Only.



REPAIRS FOR LAWN MOWERS

—BLUE GRASS— AND —BLUE RIBBON—

✚F. O. B. Indiana Factory Only.

	Blue Grass 1900 Model		Blue Ribbon 1904 Model		Blue Ribbon 1905 Model		Blue Ribbon 1907 Model		Blue Ribbon 1909 Model	
	No.	Each	No.	Each	No.	Each	No.	Each	No.	Each
Drive wheel, both alike	BG5	$3 54	02	✚$2 40	HW01	✚$3 00	BBHW	✚$3 54	XX	✚$3 00
Right hand roller bracket	BGB	45	NHR	✚ 45	HR	✚ 45	HR	✚ 45	WR	✚ 45
Left hand roller bracket	BGB1	45	NHL	✚ 45	HL	✚ 45	HL	✚ 45	WL	✚ 45
Left hand pinion	BGB89LH	1 20	NW13	✚ 60	HW13	✚ 1 20	HW13	✚ 1 20	XX89	✚ 75
Right hand pinion	BGB88RH	1 20	NW14	✚ 60	HW14	✚ 1 20	HW14	✚ 1 20	XX88	✚ 75
Double ratchet pin	BGB90	15								
Right hand ratchet clutch			NW13½	✚ 45	HW13½	✚ 60	HW13½	✚ 60		
Left hand ratchet clutch			NW14½	✚ 45	HW14½	✚ 60	HW14½	✚ 60		
Wrench	BGB15	✚ 15	NW15	✚ 15	HW15	✚ 15	HW15	✚ 15	XX15	✚ 15
Pinion cap bolt									XX18	✚ 15
Grinding wire					HW17	✚ 9	HW17	✚ 9		
Drive wheel bolt	BGB22	✚ 30	NW18	✚ 30	HW18	✚ 30	HW18	✚ 30		
Cotter for end of cutter shaft					HW19	✚ 15	HW19	✚ 15		
Pointed screws for right hand cone	BGB25RH and BGB25½LH	✚ 30					HW20	✚ 30		
Drive wheel washer	BGB21	15	NW21	✚ 15	HW21	✚ 15	HW21	✚ 15	XX21	✚ 15
Roller bracket bolt	BGB23	✚ 30	NW23	✚ 30	HW23	✚ 30	HW23	✚ 30	XX23	✚ 30
Bolt for handle iron	BGB24	✚ 30	NW24	✚ 30	HW24	✚ 30	HW24	✚ 30	XX24	✚ 30
Lower blade screws			NW25	✚ 30						
Screws for straight knife bar	BGB33	30	NW26	✚ 30					XX25	✚ 30
Adjusting screw for knife bar	BGB34	30								
Set screw for spider	BGB26	✚ 30			HW26	✚ 30	HW26	✚ 30	XX26	✚ 30
Left hand spider	BG93	✚1 20	NW16L	✚ 1 20	HW28	✚ 1 20	HW93	✚ 1 20	XX79	✚ 1 20
Right hand spider	BG94	✚1 20	NW16R	✚ 1 20	HW29	✚ 1 20	HW94	✚ 1 20	XX78	✚ 1 20
Center spider	BG30	✚ 60	NW16C	✚ 1 20	HW30	✚ 60	HW30	✚ 60	XX43	✚ 60
Pin for ratchet clutch					HW49	✚ 15	HW49	✚ 15		
Wood handle, complete	BGB50	✚2 40	NW50	✚ 2 40	HW50	✚ 2 40	HW50	✚ 2 40	XX50	✚ 1 80
Ball retainer and balls	BGB51	75					B51	✚ 75	XX51	✚ 75
Right hand ball-bearing cone	BGB52	✚1 20					B52	✚ 1 20	XX52	✚ 1 20
Set screw and nut for journal box					HW20	✚ 30				
Screw for front cross bar					HW22	✚ 30				
Left hand ball-bearing cone	BGB53	✚1 20					B53	✚ 1 20	XX53	✚ 1 20
Ball-bearing cups	BGB54	✚ 60					B54	✚ 60	XX54	✚ 60
Screws for lower blade	BGB56	15								
Right hand side plate	BGBB77	3 54	NW3	✚ 3 00	HW55	✚ 3 54	B155	✚ 3 54	XX2	✚ 3 54
Left hand side plate	BGBB66	3 54	NW2	✚ 3 00	HW66	✚ 3 54	B166	✚ 3 54	XX3	✚ 3 54
Screws for front cross bars							HW22	✚ 30		
Bolt for straight knife bar					HW25	✚ 30	HW25	✚ 30		
Journal bearings, both alike			W2	✚ 75	HW2	✚ 75				
Cap for pinion									XX4	✚ 48
Ratchet pins									XX90	✚ 15
Cotter for end of wheel shaft									XX19	✚ 15
Set screw for side plate									XX22	✚ 15
Cross rod									XX5	✚ 1 20

—Blue Grass 1900 Model—					
Size, ins.		14	16	18	20
Straight knife bar	No. BG1906	✚$2 25	2 10	✚ 3 30	✚ 3 75
Straight knife	No. BGB20	1 35	1 44	1 59	1 65
Spiral cutter, complete	No. BGB300	✚13 05	✚14 25	✚15 45	✚16 50
Spiral cutter blades	No. BGB9	✚ 1 65	✚ 1 89	✚ 2 16	✚ 2 40
Wood roller	No. BGB10	✚ 1 35	1 59	✚ 1 80	✚ 1 89
Handle irons, both alike	No. BGB11	✚ 87	✚ 96	✚ 1 08	✚ 1 20

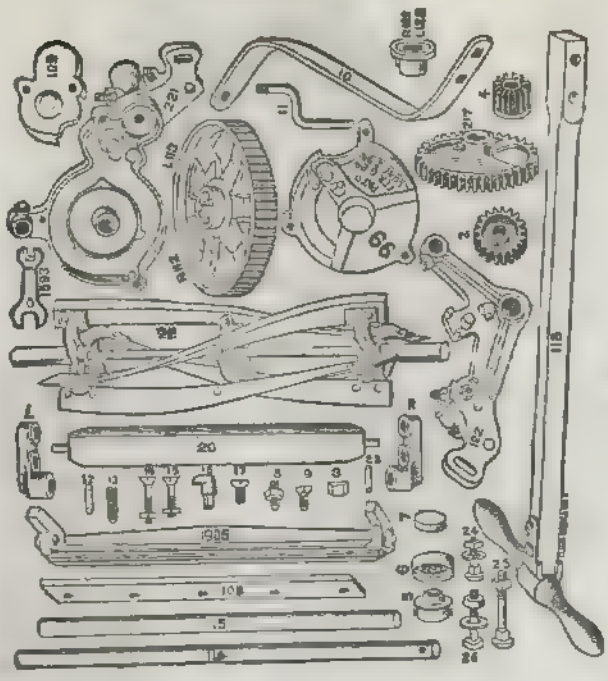
—Blue Ribbon 1905 and 1907 Model—					
Size, ins.		14	16	18	20
Straight knife and bar	No. HW7	✚$3 54	✚ 4 14	✚ 4 80	✚ 5 34
Spiral cutter, complete	No. HW8	✚13 05	✚14 25	✚15 45	✚16 50
Spiral cutter blades	No. HW9	✚ 1 65	✚ 1 89	✚ 2 16	✚ 2 40
Wood roller	No. HW10	✚ 1 35	✚ 1 59	✚ 1 80	✚ 1 89
Handle irons, both alike	No. HW11	✚ 87	✚ 96	✚ 1 08	✚ 1 20

—Blue Ribbon 1904 Model—					
Size, ins.		10	12	14	16	18
No.	1895	✚$2 40	✚2 85	✚3 09	✚ 3 30	✚ 3 54
No.	NW8	✚ 7 20	✚8 40	✚9 45	✚10 65	✚11 85
No.	NW9	✚ 1 20	✚1 44	✚2 28	✚ 1 89	✚ 2 16
No.	NW10	✚ 90	✚1 08	✚1 29	✚ 1 56	✚ 1 77
No.	NW11	✚ 60	✚ 75	✚ 84	✚ 96	✚ 1 05

—Blue Ribbon 1909 Model—				
Size, ins.		14	16	18
No.	XX7	✚$3 09	✚ 3 30	✚ 3 54
No.	XX8	✚13 05	✚14 25	✚15 45
No.	XX9	✚ 1 65	✚ 1 89	✚ 2 16
No.	XX10	✚ 1 35	✚ 1 59	✚ 1 80
No.	XX11	✚ 90	✚ 96	✚ 1 08

REPAIRS FOR LAWN MOWERS

—BLUE GRASS—BG1905 MODEL



Nos.		Each
BG2	Intermediate gear	✦$ 1 80
BG3	Steel pawl, all alike	✦ 30
BG4	Pinion	✦ 1 20
BG5	Ball-bearing cone	✦ 1 20
BG6	Cup, with balls and retainer	✦ 1 20
BG7	Washer for ball-bearing cup	✦ 15
BGZR	Right hand roller bracket	✦ 45
BGZL	Left hand roller bracket	✦ 45
BG10	Handle brace—	
	14-in	✦ 84
	16-in	✦ 96
	18-in	✦ 1 08
	20-in	✦ 1 20
BG11	Sharpening crank	✦ 30
BG12	Pin for ratchet plates - R121 and L122	✦ 15
BG13	Bed-knife adjusting screw	✦ 30
BG14	Long bolt for gear box	✦ 30
BG15	Short bolt for gear box	✦ 15
BG16	Hook for handle brace	✦ 15
BG17	Machine screw for stationary knife blade	✦ 15
BG18	Adjusting screw and nut for ball-bearing cup	✦ 21
BG19	Cup point set screw	✦ 30
BG20	Wood roller—	
	14-in	✦ 1 20
	16-in	✦ 1 35
	18-in	✦ 1 44
	20-in	✦ 1 59
BG22	Cylinder complete with four knives—	
	14-in	✦ 12 60
	16-in	✦ 13 80
	18-in	✦ 15 00
	20-in	✦ 16 20

(Continued next column)

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REPAIRS FOR LAWN MOWERS

—BLUE GRASS—BG1905 MODEL

Nos.		Each
BG22½	Cylinder complete with five knives—	
	14-in	✦$13 05
	16-in	✦ 14 25
	18-in	✦ 15 45
	20-in	✦ 16 50
BG23	Pin for pinion	✦ 15
BG24	Bolt and washer for roller bracket	✦ 30
BG25	Bolt for wood handle	✦ 30
BG26	Bolt for end of cast bed knife back	✦ 45
BG99	Outside cap for left hand side plate	✦ 1 20
BG108	Lower straight knife—	
	14-in	✦ 1 44
	16-in	✦ 1 65
	18-in	✦ 1 [illegible]
	20-in	✦ 2 16
BG109-4	Shield	✦ 75
BG110-4	Right hand cylinder head for four-knife	✦ 2 40
BG110-5	Right hand cylinder head for five-knife	✦ 2 85
BG111-4	Left hand cylinder head for four-knife	✦ 2 40
BG111-5	Left hand cylinder head for five-knife	✦ 2 85
BG112	Cylinder ring for four-knife	✦ 1 20
BG113	Cylinder ring for five-knife	✦ 1 44
BG114	Wheel shaft—	
	14-in	✦ 96
	16-in	✦ 1 20
	18-in	✦ 1 44
	20-in	✦ 1 65
BG115	Front cross rod—	
	14-in	✦ 1 20
	16-in	✦ 1 44
	18-in	✦ 1 65
	20-in	✦ 1 89
BG1906	Cast bed knife back—	
	14-in	✦ 2 61
	16-in	✦ 2 85
	18-in	✦ 3 09
	20-in	✦ 3 30
BG217	Master gear wheel	✦ 2 40
BG118	Wood handle	✦ 3 30
BG119	Spiral blade for cylinder—	
	14-in	✦ 1 44
	16-in	✦ 1 68
	18-in	✦ 1 89
	20-in	✦ 2 16
BGR112	Right hand drive wheel	✦ 2 40
BGL113	Left hand drive wheel	✦ 2 40
BG221	Left side frame	✦ 7 20
BG122	Right side frame	✦ 4 80
BGR121	Right side ratchet plate	✦ 60
BGL122	Left side ratchet plate	✦ 60
BG1893	Wrench	✦ 15

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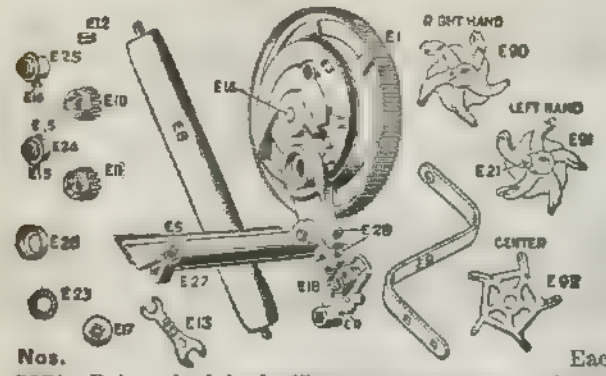
REPAIRS FOR LAWN MOWERS

—BLUE GRASS—

FOR Nos. BG1114, BG1116, BG1118 AND BG1120



Nos.		Each
BGE1	Drive wheel, both alike	+$ 3 54
BGER	R. H. roller bracket	+ 45
BGEL	L. H. roller bracket	+ 45
BGE2	L. H. side plate	+ 3 54
BGE3	R. H. side plate	+ 3 54
BGE4	Straight knife bar—	
	14-in	+ 2 25
	16-in	+ 2 70
	18-in	+ 3 00
	20-in	+ 3 69
BGE5	Straight knife—	
	14-in	+ 1 35
	16-in	+ 1 44
	18-in	+ 1 59
	20-in	+ 1 65
[illegible]	Spiral cutter, complete—	
	14-in	+ 13 05
	16-in	+ 14 25
	18-in	+ 15 45
	20-in	+ 16 50
BGE7	Spiral cutter blades, each—	
	14-in	+ 1 65
	16-in	+ 1 89
	18-in	+ 2 16
	20-in	+ 2 40
BGE8	Wood roller—	
	14-in	+ 1 35
	16-in	+ 1 59
	18-in	+ 2 01
	20-in	+ 1 89
BGE9	Handle irons, both alike—	
	14-in	+ 87
	16-in	+ 96
	18-in	+ 1 08
	20-in	+ 1 20
BGE10	L. H. pinion	+ 1 20
BGE11	R. H. pinion	+ 1 20
BGE12	Double ratchet pin	+ 15
BGE13	Wrench	+ 15
BGE14	Drive wheel bolt	+ 30
BGE15	Pointed screws for R. H. cone	+ 30
BGE16	Cup-pointed screw for L. H. cone	+ 30
BGE17	Drive wheel washer	+ 15
BGE18	Roller bracket bolt	+ 30
BGE19	Bolt for handle iron	+ 30
BGE20	Screws for lower blade	+ 15
BGE21	Set screw for spider	+ 30
BGE91	Left hand spider	+ 1 20
BGE90	Right hand spider	+ 1 20
BGE92	Center spider	+ 60
BGE22	Wood handle, complete	+ 2 40
BGE23	Ball retainer and balls	+ 75
BGE24	Right hand BB cone	+ 1 20
BGE25	Left hand BB cone	+ 1 20
BGE26	Ball-bearing cups	+ 60
BGE27	Center knife bar adjusting screw	+ 30
BGE28	Adjusting screws to knife bar	+ 30

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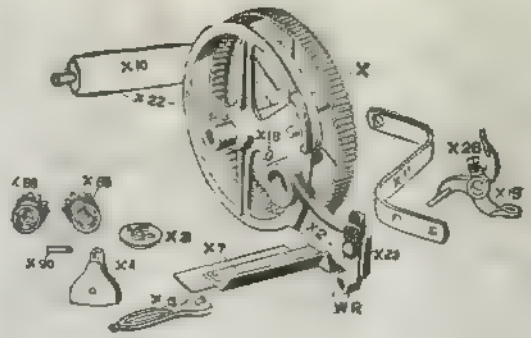
REPAIRS FOR LAWN MOWERS

—BLUE RIBBON—

1913 MODEL



Nos.		Each
X	Drive wheel, both alike	+$ 3 00
2	Journal bearings, both alike	+ 51
	W. R. Roller bracket R. H.	+ 45
	W. L. Roller bracket L. H.	+ 45
X2	R. H. side plate	+ 3 54
X3	L. H. side plate	+ 3 54
X4	Pinion cap	+ 51
X7	Straight knife and bar—	
	12-in	+ 2 85
	14-in	+ 3 09
	16-in	+ 3 30
	18-in	+ 3 64
X8	Spiral cutter, complete—	
	12-in	+ 8 40
	14-in	+ 9 45
	16-in	+ 10 65
	18-in	+ 10 65
X9	Spiral cutter blades, each—	
	12-in	+ 1 44
	14-in	+ 1 65
	16-in	+ 1 89
	18-in	+ 2 16
X10	Wood roller—	
	12-in	+ 1 08
	14-in	+ 1 35
	16-in	+ 1 59
	18-in	+ 1 80
X11	Handle irons, both alike—	
	12-in	+ 75
	14-in	+ 84
	16-in	+ 96
	18-in	+ 1 08
X88	R. H. pinion	+ 75
X89	L. H. pinion	+ 75
X90	Ratchet pins	+ 15
X15	Wrench	+ 15
X64R	Spiral cutter spider (Right Hand)	+ 1 20
X64L	Spiral cutter spider (Left Hand)	+ 1 20
X64C	Spiral cutter spider (Center)	+ 1 20
X19	Cotter for end of wheel shaft	+ 15
X20	Set screw and nut for journal box	+ 30
X21	Drive wheel washer	+ 15
X23	Roller bracket bolt	+ 30
X24	Bolt for handle iron	+ 30
X25	Bolts for straight knife bar	+ 30
X26	Set screw for spider	+ 30
X50	Wood handle, complete	+ 2 40

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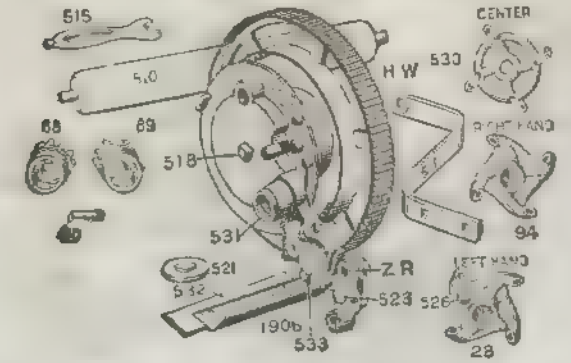
REPAIRS FOR LAWN MOWERS

—BLUE RIBBON—No. 1905A.



Nos.		Each
HW500	Drive wheel, both alike	$ 3 60
531	Phosphor bronze jrnl. bearings, both alike	✚ 75
ZR	Roller bracket, right hand	✚ 45
ZL	Roller bracket, left hand	✚ 45
5505	R. H. side plate	✚ 3 60
5504	L. H. side plate	✚ 3 60
1906	Straight knife bar—	
	14-in	✚ 2 28
	16-in	✚ 2 76
	18-in	✚ 3 24
	20-in	✚ 3 75
532	Straight knife—	
	14-in	✚ 1 32
	16-in	1 44
	18-in	✚ 1 56
	20-in	✚ 1 68
508	Spiral cutter, complete—	
	14-in	✚ 13 20
	16-in	✚ 14 10
	18-in	✚ 15 30
	20-in	✚ 16 50
509	Spiral cutter blades, each—	
	14-in	✚ 1 68
	16-in	✚ 1 92
	18-in	✚ 2 16
	20-in	✚ 2 40
510	Wood roller—	
	14-in	1 32
	16-in	1 44
	18-in	1 59
	20-in	1 68
511	Handle irons, both alike—	
	14-in	✚ 87
	16-in	✚ 96
	18-in	✚ 1 11
	20-in	✚ 1 23
89	L. H. pinion	1 23
88	R. H. pinion	1 23
90	Double ratchet pin	18
515	Wrench	✚ 18
518	Drive wheel bolt	✚ 30
520	Set screw and nut for journal box	✚ 30
521	Drive wheel washer	18
523	Roller bracket bolt	✚ 30
524	Bolt for handle iron	✚ 30
533	Bolt for end of straight knife bar	✚ 30
526	Set screw for spider	✚ 30
28	Left hand spider	✚ 1 23
94	Right hand spider	✚ 1 23
530	Cutter spider	✚ 63
550	Wood handle, complete	✚ 2 40
555	Shaft collar	✚ 18
556	Lower blade screws	✚ 30
557	Adjusting screw for knife bar	30
534	Lower blade screws	21
535	Set screws for shaft collar	✚ 21

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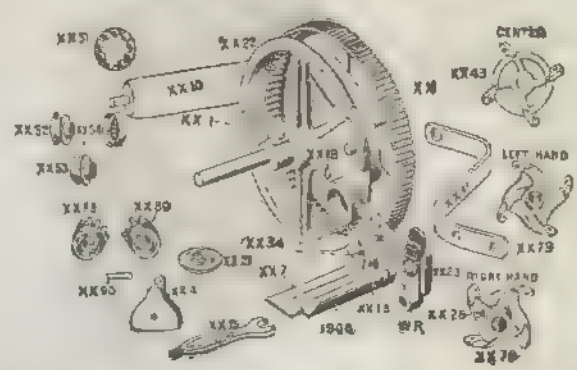
REPAIRS FOR LAWN MOWERS

—BLUE RIBBON—1909A MODEL



Nos.		Each
XX	Drive wheel, both alike	$ 3 00
WR	Right hand roller bracket	42
WL	Left hand roller bracket	42
XX22	Right hand side plate	3 54
XX33	Left hand side plate	3 54
XX4	Cap	54
1906	Straight knife bar—	
	14-in	✚ 2 31
	16-in	✚ 2 76
	18-in	✚ 3 30
XX7	Straight knife—	
	14-in	✚ 1 35
	16-in	1 50
	18-in	1 65
XX8	Spiral cutter, complete—	
	14-in	✚ 13 20
	16-in	✚ 14 25
	18-in	✚ 15 45
XX9	Spiral cutter blades—	
	14-in	✚ 1 68
	16-in	✚ 1 95
	18-in	✚ 2 25
XX10	Wood roller—	
	14-in	1 35
	16-in	1 85
	18-in	✚ 1 86
XX11	Handle irons, both alike—	
	14-in	✚ 90
	16-in	✚ 99
	18-in	✚ 1 11
XX88	Right hand pinion	75
XX89	Left hand pinion	75
XX90	Ratchet pins	18
XX13	Bolt for straight knife bar	✚ 30
XX15	Wrench	✚ 18
XX18	Pinion cap bolt	✚ 30
XX19	Cotter for end of wheel shaft	✚ 18
XX21	Drive wheel washer	18
XX23	Roller bracket bolt	✚ 30
XX24	Bolt for handle iron	✚ 30
XX26	Set screw for spider	30
XX50	Wood handle, complete	✚ 2 40
XX51	Ball retainer and balls	78
XX52	Right hand BB cone	✚ 1 29
XX53	Left hand BB cone	✚ 1 29
XX54	Ball bearing cups	✚ 66
XX34	Adjusting screw for knife bar	30
XX43	Center spiral cutter spider	✚ 66
XX78	Right hand spiral cutter spider	✚ 1 29
XX79	Left hand spiral cutter spider	✚ 1 29

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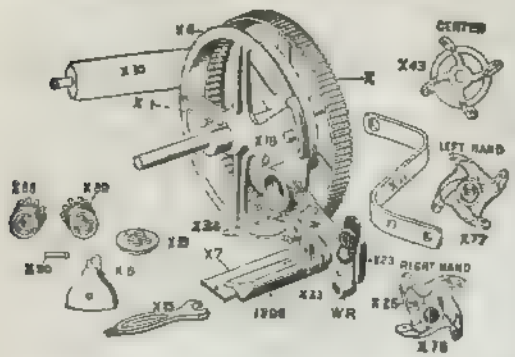
REPAIRS FOR LAWN MOWERS

—BLUE RIBBON—1913A MODEL



Nos.		Each
X	Drive wheel, both alike	$ 2 70
WR	Right hand roller bracket	42
WL	Left hand roller bracket	42
X4	Right hand side plate	3 54
X5	Left hand side plate	3 54
1906	Straight knife bar—	
	12-in	✚ 1 86
	14-in	✚ 2 31
	16-in	✚ 2 76
	18-in	✚ 3 24
X7	Straight knife—	
	12-in	✚ 1 20
	14-in	1 38
	16-in	1 50
	18-in	✚ 1 65
X8	Spiral cutter, complete—	
	12-in	✚ 8 25
	14-in	✚ 9 45
	16-in	✚ 10 65
	18-in	✚ 11 70
X9	Spiral cutter blades—	
	12-in	✚ 1 60
	14-in	✚ 1 74
	16-in	✚ 1 95
	18-in	✚ 2 19
X10	Wood roller—	
	12-in	✚ 1 14
	14-in	✚ 1 44
	16-in	1 65
	18-in	✚ 1 86
X11	Handle irons, both alike—	
	12-in	✚ 75
	14-in	✚ 90
	16-in	✚ 99
	18-in	✚ 1 14
X88	Right hand pinion	75
X89	Left hand pinion	75
X6	Pinion cap	✚ 36
X90	Ratchet pins	18
X15	Wrench	✚ 18
X18	Pinion cap bolt	✚ 30
X19	Cotter for end of wheel shaft	✚ 18
X21	Drive wheel washer	18
X23	Roller bracket bolt	✚ 30
X24	Bolt for handle iron	✚ 30
X33	Bolt for straight knife bar	✚ 30
X26	Set screw for spider	✚ 30
X50	Wood handle, complete	✚ 2 40
X34	Adjusting screw for knife bar	30
X46	Center spiral cutter spider	✚ 66
X21R	Right spiral cutter spider	✚ 1 26
X21L	Left spiral cutter spider	✚ 1 26

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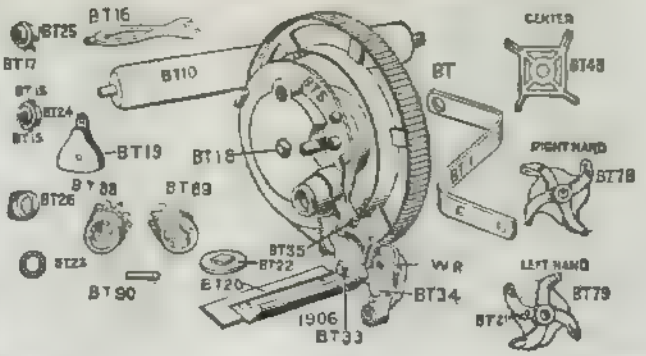
REPAIRS FOR LAWN MOWERS

—SPEEDMORE—BALL-BEARING No. 30



Nos.		Each
BT	Drive wheel, both alike	✚$ 3 00
WR	Right hand roller brackets	✚ 45
WL	Left hand roller brackets	✚ 45
BT4	Left hand side plate	✚ 3 54
BT5	Right hand side plate	✚ 3 54

1906	Straight knife Bar	BT20	Straight Knife
	12 in.. ✚$1 77		12 in... ✚ 1 20
	14 in.. ✚ 2 25		14 in... ✚ 1 29
	16 in.. ✚ 2 70		16 in... ✚ 1 44
	18 in.. ✚ 3 18		18 in... ✚ 1 66
BT7	Spiral Cutter Complete	BT180	Spiral Cutter Blades
	12 in.. ✚ 11 85		12 in... ✚ 1 44
	14 in.. ✚ 13 05		14 in .. ✚ 1 65
	16 in.. ✚ 14 25		16 in .. ✚ 1 89
	18 in.. ✚ 15 45		18 in... ✚ 2 16
BT10	Wood Roller	BT11	Handle Irons Both Alike
	12 in.. ✚ 1 08		12 in .. ✚ 0 87
	14 in.. ✚ 1 35		14 in... ✚ 96
	16 in ✚ 1 59		16 in .. ✚ 1 08
	18 in.. ✚ 1 80		18 in... ✚ 1 20

BT88	Right hand pinion	✚ 76
BT89	Left hand pinion	✚ 75
BT90	Ratchet pin	✚ 15
BT14	Pinion cap bolt	✚ 30
BT15	Pointed screw for R. H. Cone	✚ 30
BT16	Pin wrench	✚ 15
BT17	Cup pointed screw for L. H. Cone	✚ 30
BT18	Drive Wheel bolt	✚ 30
BT19	Cap for pinion	✚ 48
BT21	Set screw for spider	✚ 30
BT22	Drive wheel washer	✚ 15
BT23	Ball retainer and balls	✚ 75
BT24	Right hand ball-bearing Cone	✚ 1 20
BT25	Left hand ball-bearing Cone	✚ 1 20
BT26	Ball-bearing Cups	✚ 60
BT27	Bolt for handle iron	✚ 30
BT33	Machine bolt for knife bar	✚ 30
BT34	Roller bracket bolt	✚ 30
BT35	Adjusting screw for knife bar	✚ 30
BT36	Wood handle complete	✚ [illegible]
BT79	Left hand spider	✚ 1 20
BT78	Right hand spider	✚ 1 20
[illegible]	Center spider	✚ 60

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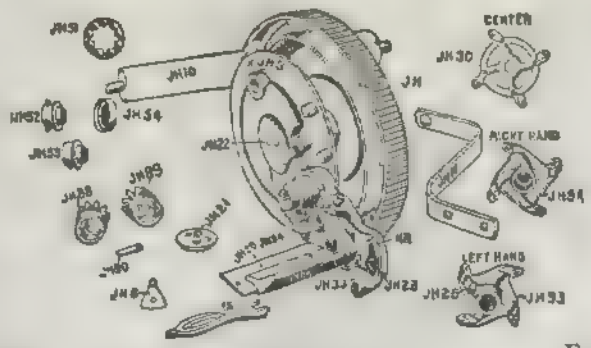
REPAIRS FOR LAWN MOWERS

FOR NOS. BG200 AND BG300 —BLUE GRASS— FEATHERWEIGHT



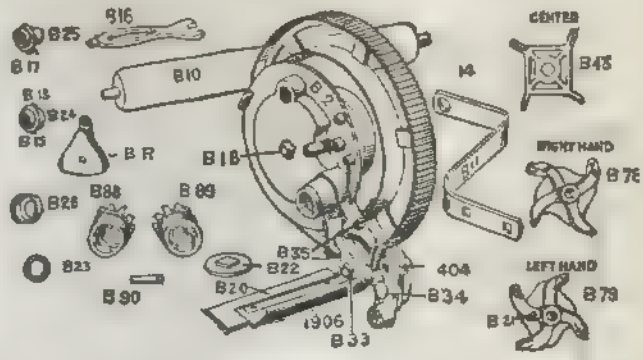
Nos.			Each
BGAJH	Drive wheels (both alike)	+$	6 45
BGNR	Right hand roller bracket	+	36
BGNL	Left hand roller bracket	+	36
BGAJH2	Left hand side plate	+	6 45
BGAJH3	Right hand side plate	+	6 45
BGJH6	Pinion cap	+	51
BG1906	Straight knife bar:		
	16 inch	+	4 35
	18 inch	+	5 40
BGJH20	Straight knife:		
	16 inch	+	1 35
	18 inch	+	1 50
BGJH300	Spiral cutter complete:		
	16 inch	+	12 90
	18 inch	+	13 95
BGJH9	Spiral cutter blades:		
	16 inch	+	1 35
	18 inch	+	1 41
BGJH10	Wood roller:		
	16 inch	+	1 50
	18 inch	+	1 65
BGJH11	Handle irons(both alike):		
	16 inch	+	90
	18 inch	+	1 02
BGJH88	Right hand pinion	+	1 14
BGJH89	Left hand pinion	+	1 14
BGJH90	Ratchet pin	+	18
BG15	Wrench	+	18
BGJH18	Pinion cap bolt	+	30
BGJH22	Drive wheel bolt	+	30
BGJH25	Pointed screws for right hand cone	+	30
BGJH25½	Cut pointed screws for left hand cone	+	30
BGJH21	Drive wheel washer	+	18
BGJH23	Roller bracket bolt	+	30
BGJH24	Bolt for handle iron	+	30
BGJH33	Bolts for knife bar	+	30
BGJH34	Adjusting screw for knife bar	+	30
BGJH26	Set screw for spider	+	30
BGJH93	Left hand spider	+	1 14
BGJH94	Right hand spider	+	1 14
BGJH30	Center hand spider	+	66
BGJH50	Wood handle complete	+	2 25
BGJH51	Half retainer and balls	+	75
BGJH52	Right hand ball bearing cone	+	1 14
BGJH53	Left hand ball bearing cone	+	1 14
BGJH54	Ball bearing cups	+	60
BGJH56	Screws for lower blade	+	18

Packed loose.

+F. O. B. Indiana Factory Only.

REPAIRS FOR LAWN MOWERS

FOR NO. BG100 —BLUE GRASS— FEATHERWEIGHT



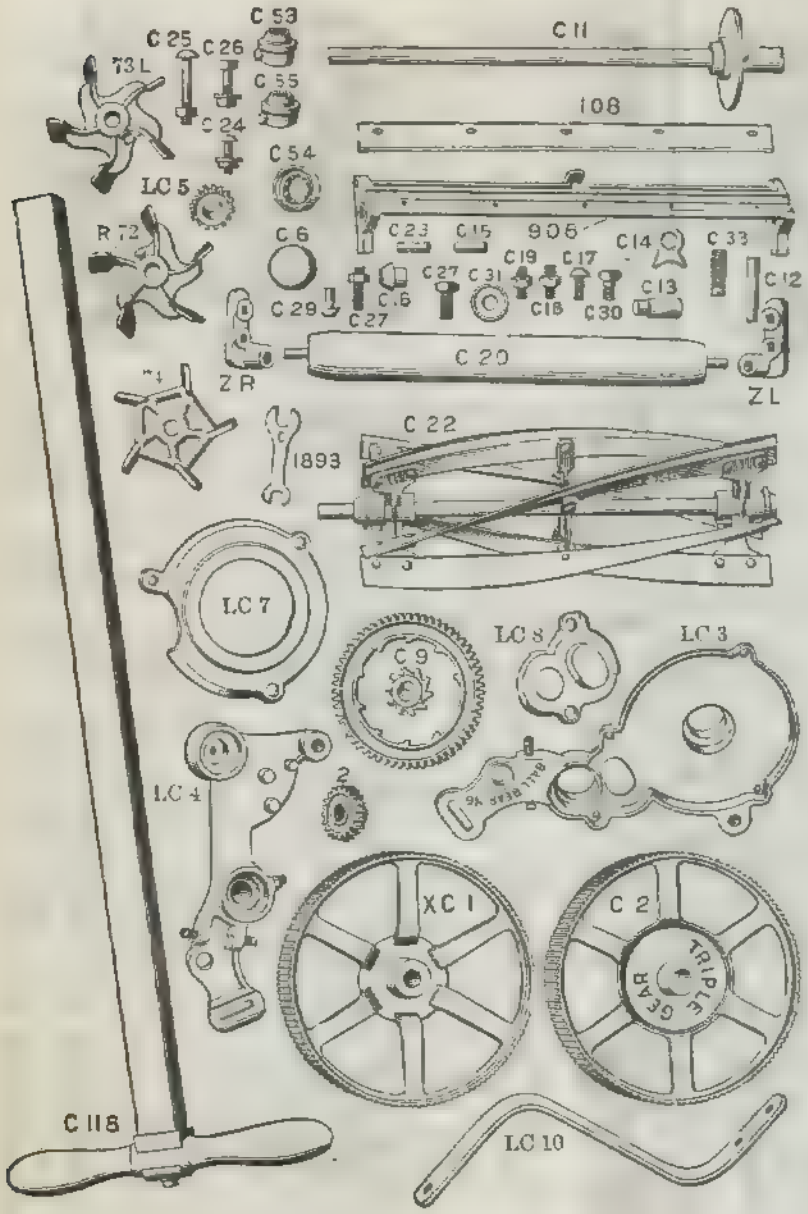
Nos.			Each
BG14	Drive wheel, (both alike)	+$	5 40
BG404	Right hand roller bracket	+	36
BG405	Left hand roller bracket	+	36
BG82	Right hand side plate	+	5 40
BG83	Left hand side plate	+	5 40
BG1906	Straight knife bar:		
	14 inch	+	4 50
	16 inch	+	5 40
BGB20	Straight knife bar:		
	14 inch	+	1 29
	16 inch	+	1 35
BG17	Spiral cutter complete:		
	14 inch	+	11 70
	16 inch	+	13 05
BG180	Spiral cutter blades:		
	14 inch	+	1 56
	16 inch	+	1 77
BGB10	Wood roller:		
	14 inch	+	1 29
	16 inch	+	1 44
BGB11	Handle iron (both alike):		
	14 inch	+	78
	16 inch	+	90
BGB88	Right hand pinion	+	75
BGB89	Left hand pinion	+	75
BGB90	Ratchet	+	18
BGB16	Pin wrench	+	18
BGB18	Drive wheel bolt	+	30
BGB79	Left hand four arm spider	+	1 14
BGB78	Right hand four arm spider	+	1 14
BGB22	Drive wheel washer	+	18
BG57	Bolt for handle	+	30
BG56	Wood handle complete	+	2 25
BG58	Set screw for spider	+	30
BGB33	Machine bolt for knife bar	+	30
BGB34	Roller bracket bolt	+	30
BGB35	Adjusting screw for knife bar	+	30
BGB15	Pointed screw for right hand cone	+	30
BGB17	Cup pointed screws for left hand cone	+	30
BGB43	Center four arm spider	+	60
BGB23	Ball retainer and balls	+	75
BGB25	Right hand ball bearing cone	+	1 14
BGB24	Left hand ball bearing cone	+	1 14
BGB26	Ball bearing cups	+	60
BGBR	Right hand ratchet cap	+	51
BGBL	Left hand ratchet cap	+	51
BG55	Screw for cap	+	18

Packed loose.

+F. O. B. Indiana Factory Only.

REPAIRS FOR LAWN MOWERS

FOR No. 7 GOLF KING



Nos.		Each
XC1	Wheel, left hand	✚$ 3 30
C2	Wheel, right hand	✚ 3 30
2	Intermediate gear	✚ 1 14
LC3	Side plate, left hand	✚ 6 45
LC4	Side plate, right hand	✚ 5 40
LC5	Pinion	✚ 90
C6	Washer for ball bearing cup	✚ 18
LC7	Outside cap for master gear	✚ 1 65
LC8	Shield	✚ 90
C9	Master gear	✚ 2 25
LC10	Handle irons:	
	14 inch	✚ 90
	16 inch	✚ 1 11
	18 inch	✚ 1 35
	20 inch	✚ 1 50
C11	Ratchet plate and shaft	✚ 3 30
C12	Pin for ratchet plate and shaft	✚ 51
C13	Shoulder stud for No. 2 gear	✚ 75
C14	Ratchet	✚ 30
C15	Wheel shaft pin	✚ 18
C16	Adjusting screw for ball bearing cup	✚ 39
C17	Lower blade screw	✚ 18
C18	Adjusting screw and nut for ball bearing cup	✚ 30
C19	Jamb screw and nut for ball bearing cup	✚ 30
C20	Wood rollers:	
	14 inch	✚ 1 35
	16 inch	✚ 1 50
	18 inch	✚ 1 74
	20 inch	✚ 1 95
C22	Reel complete with seven knives:	
	14 inch	✚ 11 70
	16 inch	✚ 12 90
	18 inch	✚ 14 10
	20 inch	✚ 15 00
C23	Pin for pinion	✚ 18
C24	Roller bracket bolt	✚ 30
C25	Handle iron bolt	✚ 39
C26	Bolt, nut and washer for end of knife bar	✚ 39
C27	Cone screw, cup point	✚ 30
C28	Adjusting screw for center of knife bar	✚ 30
C29	Rivet for spider	✚ 15
C30	Spider set screw	✚ 30
C31	Wheel washer	✚ 18
C32	Screw to hold C31 washer on	✚ 30
C33	Adjusting screw for knife bar	✚ 30
C52	Ball retainer and balls	✚ 75
C53	Cone for reel (both alike)	✚ 1 14

Nos.		Each
C54	Ball bearing cup	■ $1 14
C55	Wheel cones (both alike)	✚ 1 14
72RH	Right hand, seven arm spider	✚ 2 16
73LH	Left hand, seven arm spider	✚ 2 16
74	Center, seven arm spider	✚ 1 14
C108	Lower blade:	
	14 inch	✚ 1 35
	16 inch	✚ 1 50
	18 inch	✚ 1 74
	20 inch	✚ 1 95

Packed loose.

Nos.		Each
1906	Knife bar:	
	14 inch	✚$2 85
	16 inch	✚ 3 15
	18 inch	✚ 3 30
	20 inch	✚ 3 45
C118	Wood handle	✚ 3 30
ZR	Right hand roller bracket	✚ 39
ZL	Left hand roller bracket	✚ 39
1893	Wrench	✚ 27

✚F. O. B. Indiana Factory Only.

THE WORLD'S FAMOUS L'ORIEN SEAMLESS WILTON RUGS AT MILL PRICES

An interesting showing below of four excellent patterns in the famous L'ORIEN SEAMLESS WILTONS. Listed below are the sizes each pattern is made and can be furnished in. All sizes are fringed. Specify pattern and color number when ordering.

ILLUSTRATING PATTERN NO. 8X/1024—COLOR 83
Design—Ferraghan

SIZES AND LIST PRICES AS FOLLOWS

SALIENT FEATURES OF THE WORLD'S FAMOUS L'ORIEN SEAMLESS WILTON RUGS

Awarded Grand Prize at the Sesqui Centennial International Exposition, Philadelphia, 1926

ILLUSTRATING PATTERN NO. 8X/1042—COLOR 42
Design—Persian Ispahan

ILLUSTRATING PATTERN NO. 8X/1027—COLOR 81
Design—Sarouk

OTHER SIZES

ILLUSTRATING PATTERN NO. 8X/1021—COLOR 70
Design—Sehna

FOUR CHARMING PATTERNS IN BENGAL-ORIENTAL RUGS

Shown below are four very attractive and exquisite new designs in Bengal-Oriental rugs, which for the present, can be furnished only in sizes quoted.

9 x 12 feet. Each $311.35 38 x 65 inches. Each $66.00

NOTE: After November 1st, some of these patterns will be furnished in additional sizes than quoted. If interested, sizes and prices will be furnished upon application.

BENGAL-ORIENTAL RUG PATTERN NO. 8Y 1020
(Vase Persian Reproduction)

No. 8Y [illegible] 9 x 12 feet ... $ 311.35
No. 8Y [illegible] 38 x 65 inches ... [illegible]

BENGAL-ORIENTAL RUG PATTERN NO. 8Y [illegible]
(Kerman Reproduction)

No. 8Y [illegible] [illegible] [illegible]
No. 8Y [illegible] [illegible] [illegible]

BENGAL-ORIENTAL RUG PATTERN NO. 8Y 2095
(Kermanshah Reproduction)

No. 8Y [illegible] Each $311.35
No. 8Y [illegible] Each 66.00

BENGAL-ORIENTAL RUG PATTERN NO. 8Y, 1000
(Mosque Prayer Rug Reproduction)

No. 8Y3000/9 Size 9 x 12 feet ... Each $311.35
No. 8Y3000/38 Size 38 x 65 inches ... Each 66.00

FOUR ATTRACTIVE PATTERNS IN BENGAL-ORIENTAL RUGS

Shown below are four very charming and beautiful designs in Bengal-Oriental rugs, which for the present, can be furnished only in the sizes quoted.

9 x 12 feet. Each $311.35 38 x 65 inches. Each $66.00

NOTE: After November 1st, some of these patterns will be furnished in additional sizes than quoted. If interested, sizes and prices will be furnished upon application.

BENGAL-ORIENTAL RUG PATTERN NO. 8Y/725
(Mahal Reproduction)

No. 8Y725/9 Size 9 x 12 feet.....Each $311.35
No. 8Y725/38 Size 38 x 65 inches.....Each 66.00

BENGAL-ORIENTAL RUG PATTERN NO. 8Y/4000
(Royal Ispahan Reproduction)

No. 8Y4000/9 Size 9 x 12 feet.....Each $311.35
No. 8Y4000/38 Size 38 x 65 inches.....Each 66.00

BENGAL-ORIENTAL RUG PATTERN NO. 8Y/3030
(Ispahan Reproduction)

No. 8Y3030/9 Size 9 x 12 feet.....Each $311.35
No. 8Y3030/38 Size 38 x 65 inches.....Each 66.00

BENGAL-ORIENTAL RUG PATTERN NO. 8Y/3025
(Persian Garden Reproduction)

No. 8Y3025/9 Size 9 x 12 feet.....Each $311.35
No. 8Y3025/38 Size 38 x 65 inches.....Each 66.00

BENGAL - ORIENTAL RUG PATTERN NO. 8Y 4005, KASHMIR REPRODUCTION

The Bengal Oriental is all rug—no stiffening or weighting by artificial means, and because it is all rug, it can be repaired and washed when soiled, as though it were a hand woven rug from Persia.

This magnificent and exquisite pattern is furnished in the following sizes and prices:

9 x 12 feet. Each $311.35 — 38 x 65 inches. Each $66.00

NOTE: After November 1st, the mill expects to make this rug in additional sizes than quoted. If interested, sizes and prices will be furnished upon application.

PATTERN NO. 8Y 4005, KASHMIR REPRODUCTION

EVERY BENGAL-ORIENTAL RUG

THE CELEBRATED LATOMA WILTON RUGS AT MILL PRICES

The Name "Latoma" Is a Guarantee of Quality

A most interesting display below of some excellent patterns in the celebrated LATOMA WILTONS. All sizes are fringed. Specify pattern number, and color number when ordering. Made in sizes and prices as listed below

ILLUSTRATING PATTERN NO. 8X 258—COLOR 966
Design—Persian

Made in the following standard sizes: 11.3 x 12 feet, 9 x 12 feet, 9 x 15 feet, 6 x 9 feet, 36 x 63 inches and 27 x 54 inches. (Priced above.)

SIZES AND LIST PRICES AS FOLLOWS:

11.3 x 12 ft.	$212.40
9 x 15 ft.	212.40
9 x 12 ft.	149.45
8.3 x 10.6 ft.	[illegible]
6 x 9 ft.	[illegible]
4.6 x 7.6 in.	26.25
27 x 54 in.	14.75

LATOMA WILTON MEANS EXTRA DURABILITY AND LASTING BEAUTY OF APPEARANCE

This wear-resisting rug is woven on the latest improved type of imported English loom. It is guaranteed to be five frames, 216 pitch and 9 wires to the inch. The surface yarn is firmly woven clear through to the back of the fabric, producing a rug that positively will not ravel or fuzz. The wonderful silky sheen of the pile is due to the high grades of the 9-ply wool, which is selected for its strength, brilliant lustre and length of fibre. It is sorted and blended with expert care and judgment, and spun in our mill, thus enabling us to maintain our unusually high standard of quality.

Each dye has to withstand the most severe tests for the permanency of color.

OTHER SIZES

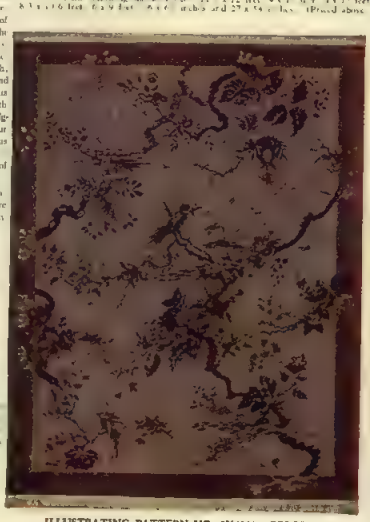
Can be obtained special order. Advise us of your requirements. Quotations will be gladly submitted.

ILLUSTRATING PATTERN NO. 8X 279—COLOR 506
Design—Asia Minor

Made in the following standard sizes: 11.3 x 12 feet, 9 x 12 feet, 9 x 15 feet, 8.3 x 10.6 feet, 6 x 9 feet, 36 x 63 inches and 27 x 54 inches. (Priced above.)

ILLUSTRATING PATTERN NO. 8X/231—COLOR 831
Design—Persian

Made in the following standard sizes: 11.3 x 12 feet, 9 x 15 feet, 9 x 12 feet, 8.3 x 10.6 feet, 6 x 9 feet, 36 x 63 inches and 27 x 54 inches. (Priced above.)



ILLUSTRATING PATTERN NO. 8X/253—COLOR 933
Design—Chinese Nipponese

Made in the following standard sizes: 9 x 12 feet, 8.3 x 10.6 feet, 6 x 9 feet, 36 x 63 inches and 27 x 54 inches. (Priced above.)

THE WORLD'S FAMOUS L'ORIEN SEAMLESS WILTON RUGS AT MILL PRICES

An interesting showing below of four excellent patterns in the famous L'ORIEN SEAMLESS WILTONS. Listed below are the sizes each pattern is made and furnished in. All sizes fringed. Specify pattern and size numbers when ordering.

ILLUSTRATING PATTERN NO. 8X 1024—COLOR 77
Design—Feraghan

Furnished in the following standard sizes: 9 x 15 feet, 9 x 13.6 feet, 9 x 12 feet, 8.3 x 10.6 feet, 6 x 9 feet and 27 x 54 inches. (Priced above.)

SIZES AND LIST PRICES AS FOLLOWS.

9 x 15 ft.....$225.00
9 x 13.6 ft. 205.
9 x 12 180.
8.3 x 10.6 ft. 159.
6 x 9 ft. 90.
27 x 54 in. 17.

SALIENT FEATURES OF THE WORLD'S FAMOUS L'ORIEN SEAMLESS WILTON RUGS

(Awarded Grand Prize at the Sesqui-Centennial International Exposition, Philadelphia, 1926)

This is a new SEAMLESS rug especially designed and woven to meet the increasing demand for WILTON rugs made in one piece without seams. The L'ORIEN is a genuine 27-inch WILTON rug woven from the most carefully selected materials with particular attention paid to every detail of manufacture, from weaving and dyeing the yarn used on through to weaving and finishing the completed rug. Every process in the making of these fine WILTON rugs is under the most careful supervision.

The durable and beautiful L'ORIEN, with its soft thick pile, its rich colorings and pleasing patterns, represents the product of unusual experience in the manufacture of high-grade seamless WILTON rugs.

OTHER SIZES

Can be obtained by special order. Advise us of your requirements and quotations will be cheerfully submitted.

ILLUSTRATING PATTERN NO. 8X 1027—COLOR 80
Design—Sarouk

Furnished in the following standard sizes: 9 x 15 feet, 9 x 13.6 feet, 9 x 12 feet, 8.3 x 10.6 feet, 6 x 9 feet and 27 x 54 inches. (Priced above.)

ILLUSTRATING PATTERN NO. 8X/1025—COLOR 78
Design—Persian Animal

Furnished in the following standard sizes: 9 x 12 feet, 8.3 x 10.6 feet and 27 x 54 inches. (Priced above.)

ILLUSTRATING PATTERN NO. 8X/1014—COLOR 39
Design—Persian

Furnished in the following standard sizes: 9 x 15 feet, 9 x 13.6 feet, 9 x 12 feet, 8.3 x 10.6 feet, 6 x 9 feet and 27 x 54 inches. (Priced above.)

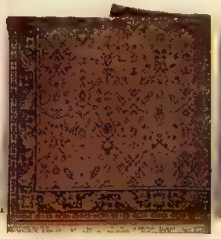
AN EXCELLENT SHOWING OF FINE AXMINSTER AND POPULAR PRICED SEAMLESS WILTON RUGS

Portrayed below are some exquisite patterns in the "ARABY" Seamless Wiltons and "MOHAWK" and "AMSTERDAM" Axminster rugs at prices which permit more than the usual saving

"ARABY" SEAMLESS WOOL WILTONS

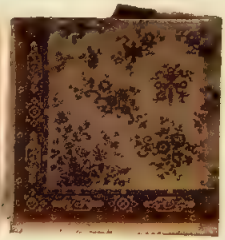
The Latest Mohawk Mill Product. The lowest priced all *wool faced* SEAMLESS Wilton on the market. Choice of [illegible] attractive up-to-date patterns. Heavy linen fringe. 9 x 12 size weighs 40 lbs. Each pattern illustrated has been carefully selected from [illegible]

No.			Each
8M/L8001H/6	Size	9 x12 ft	$121.75
8M/L8001H	Size	8½x11½ ft	112.50
8M/L8001H/8	Size	27 x54 in	12.95



No.			Each
8M/L8003K/6	Size	9 x12 ft	$121.75
8M/L8003K/	Size	8 x11½ ft	112.50
8M/L8003K/8	Size	27 x54 in	12.95

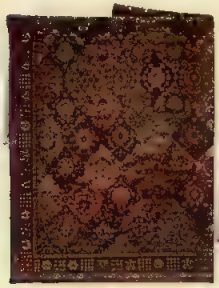
No.			Each
8M/L8003A/6	Size	9 x12 ft	$121.75
8M/L8003A/	Size	8½x11½ ft	112.50
8M/L8003A/8	Size	27 x54 in	12.95



No.			Each
8M/L8[illegible]/6	Size	9 x12 ft	$121.75
8M/L8[illegible]/	Size	8 x11½ ft	112.50
8M/L8003C/8	Size	27 x54 in	12.95

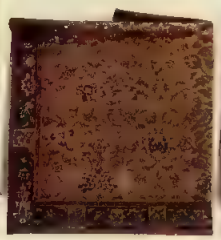
"MOHAWK" SEAMLESS AXMINISTER RUGS

All Wool Face, 7 x 6 2/3 Count. Heavy, luxurious rugs that give almost unbelievable wear. Made by the Mohawk mills. 9 x 12 size weighs 41 lbs. Choice of four unusually beautiful patterns made in various sizes.



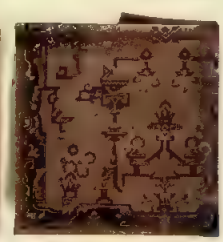
The attractive [illegible] pattern Mohawk seamless Axminster rug is made only in the three sizes quoted. It is a very pretty design, nicely made and finished throughout. An excellent value at these low prices.

No.			Each
8M/L4566/13	Size	9x15 ft	$115.10
8M/L4566/6	Size	9x12 ft	89.90
8M/L4566/8	Size	27 x54 in	7.95



No.			Each
8M/L4562/6	Size	9 x12 ft	$83.90
8M/L4562/5	Size	8½x11½ ft	75.80
8M/L4562/2	Size	7½ x9 ft	47.75
8M/L4562/1	Size	6 x9 ft	46.30
8M/L4562/13	Size	4½ x 6½ ft	25.25
8M/L4562/9	Size	36 x63 in	12.25
8M/L4562/8	Size	27 x54 in	7.95

No.			Each
8M/L4520/13	Size	9 x15 ft	$115.10
8M/L4520/6	Size	9 x12 ft	89.90
8M/L4520/5	Size	8½x11½ ft	77.80
8M/L4520/2	Size	7½ x9 ft	47.75
8M/L4520/1	Size	6 x9 ft	46.30
8M/L4520/11	Size	4½x 6½ ft	25.25
8M/L4520/9	Size	36 x63 in	12.25
8M/L4520/8	Size	27 x54 in	7.95

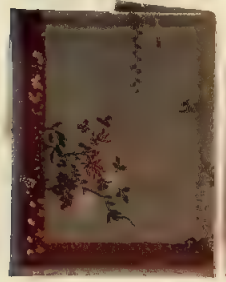


An exclusive design in the "Mohawk" Seamless Axminster rug with a prominent border enriched with a novel set pattern.

No.			Each
8M/L4570/6	Size	9 x12 ft	$89.90
8M/L4570/5	Size	8 x11½ ft	77.80
8M/L4570/2	Size	7 x9 ft	47.75
8M/L4570/9	Size	36 x63 in	12.25
8M/L4570/8	Size	27 x54 in	7.95

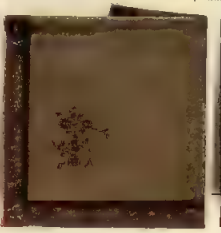
"AMSTERDAM" SEAMLESS AXMINSTER RUGS (MOHAWK MADE)

All Wool Face, Full 7 x 5 2/3 Count. Soft luxurious pile. A real outstanding value in an Axminster rug. Made by the Mohawk Mills. 9 x 12 size weighs 54 lbs. Choice of four pleasing designs, offered in various sizes as quoted.



This rug is a very attractive pattern and will prove to be a very serviceable floor covering. Made in choice of six patterns only.

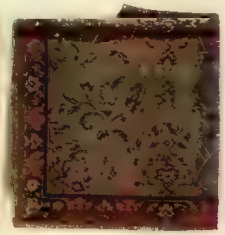
No.			Each
8M/L337/6.	Size	9 x12 ft	$71.75
8M/L337/5.	Size	8½x10½ ft	61.35
8M/L337/2	Size	7½x 9 ft	49.50
8M/L337/1	Size	6 x 9 ft	39.60
8M/L337/9	Size	36 x63 in	10.40
8M/L337/8	Size	27 x54 in	6.70



No.			Each
8M/L331/14	Size	11½x12 ft	$98.30
8M/L331/13.	Size	9 x15 ft	98.15
8M/L331/6.	Size	9 x12 ft	71.75
8M/L331/5.	Size	8½x10½ ft	61.35
8M/L331/2.	Size	7½x 9 ft	49.50
8M/L331/1	Size	6 x 9 ft	39.60
8M/L331/11	Size	4½x 6½ ft	21.75
8M/L331/9.	Size	36 x63 in	10.40
8M/L331/8	Size	27 x54 in	6.70

This delightful pattern affords you an opportunity of acquiring a most attractive rug at a very nominal cost. Made in three sizes only, as quoted.

No.			Each
8M/L136/6	Size	9 x12 ft	$71.75
8M/L136/5.	Size	8½x10½ ft	61.35
8M/L136/8	Size	27 x54 in	6.70



This is a striking new pattern which is receiving a ready acceptance. It has many years of satisfactory service woven into it. Made in five sizes only, as quoted.

No.			Each
8M/L365/6.	Size	9 x12 ft	$71.75
8M/L365/5	Size	8½x11½ ft	61.35
8M/L365/1.	Size	6 x 9 ft	39.60
8M/L365/9.	Size	36 x63 in	10.40
8M/L365/8	Size	27 x54 in	6.70

THE CELEBRATED LATOMA WILTON RUGS AT MILL PRICES

The Name "Latoma" Is a Guarantee of Quality

Below is a most interesting display of some excellent patterns in the celebrated LATOMA WILTONS. All sizes are fringed. Specify pattern number and color number when ordering. Made in sizes and prices as listed below.

ILLUSTRATING PATTERN NO. 8X 22"—COLOR 822
Design—Chinese

Furnished in the following standard sizes: 11 x 12 feet, 9 x 12 feet, [illegible] inches, 27 x 54 inches. (Priced below.)

SIZES AND LIST PRICES AS FOLLOWS.

[illegible]	[illegible]
[illegible]	[illegible]
9 x 12 ft.	149.95
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	26.95
27 x 54 inches	15.10

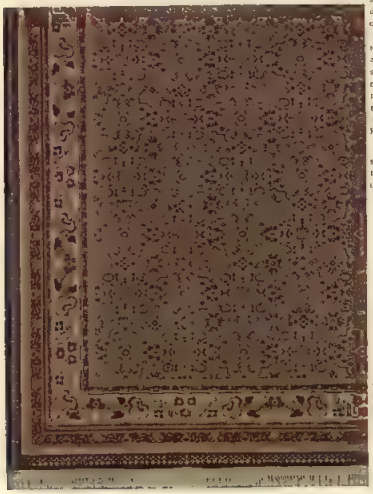
LATOMA WILTON MEANS EXTRA DURABILITY AND LASTING BEAUTY OF APPEARANCE

This wear-resisting rug is woven on the latest improved English looms, is guaranteed to have 6 frames, 256 pitch and 9 rows to the inch. The [illegible] threads [illegible] the back of the fabric, producing a nap that positively will not pull out. The wonderful [illegible] silky sheen of the pile is due to the high [illegible] of the 3-ply wool, which is selected for its strength, brilliant lustre and length of fibre. It is sorted and blended with expert care and judgment, and spun in our mill, thus enabling us to [illegible] our customers high standard [illegible] qualities.

Each dye has to withstand the most severe test for the permanence of color.

ILLUSTRATING PATTERN NO. 8X 258—COLOR 964
Design—Persian

Furnished in the following standard sizes: 11 3 x 12 feet, 9 x 15 feet, 9 x 12 feet, [illegible] inches, 27 x 54 inches. (Price below.)



ILLUSTRATING PATTERN NO. 8X/238—COLOR 864
Design—Persian

Furnished in the following standard sizes: 11 x 12 feet, 9 x 15 feet, 9 x 12 feet, 8.3 x 10.6 feet, 5 x 9 feet, 36 x 63 inches, 27 x 54 inches. (Priced below.)

OTHER SIZES

Can be obtained to special order. Advise us your requirements and we will be glad to quote prices.

ILLUSTRATING PATTERN NO. 8X 270—COLOR 968
Design—Persian Ispahan

Furnished in the following standard sizes: 9 x 15 feet, [illegible] inches, 27 x 54 inches. (Price below.)

POPULAR ROSETREE SEAMED WILTON RUGS AT MILL PRICES

All Sizes Richly Fringed

This very attractive display below embraces the most excellent patterns from the CELEBRATED ROSETREE WILTONS. All sizes are fringed. Listed below are the sizes in which each pattern is made and furnished in. Specify pattern and color numbers when ordering.

ILLUSTRATING PATTERN NO. 8X/2025—COLOR 89
Design—Sarouk

Furnished in the following standard sizes: 11.3 x 12 feet, 9 x 15 feet, 9 x 12 feet, 8.3 x 10.6 feet, 6 x 9 feet, 36 x 63 inches and 27 x 54 inches. (Priced above.)

SIZES AND LIST PRICES AS FOLLOWS:

11.3 x 15 ft.	$196.50
9 x 12 ft.	146.85
9 x 12 ft.	134.25
8.3 x 10.6 ft.	126.00
6 x 9 ft.	89.55
36 x 63 in.	29.70
27 x 54 in.	14.85

GENUINE ROSETREE WILTONS IN ATTRACTIVE DESIGNS

The Rosetree Wilton is a genuine Wilton rug woven from high quality highly woolen yarns on the most improved type of English Wilton looms. The pattern is woven into the rug and the ends so bound in by the Jacquard weave that the durability of the rug is tremendous.

The woolen yarns from which the pile is woven are spun in factories' own mills from raw wools specially selected for their quality, strength and length of fibre. These yarns are dyed in factories' own dyeing plant with dyes carefully tested for permanency and color.

Choice of four attractive patterns in various colors and furnished in sizes as listed under each illustration.

OTHER SIZES

Can be obtained by special order. Advise us of your requirements and quotations will be gladly submitted.

ILLUSTRATING PATTERN NO. 8X 2026—COLOR 104
Design—Persian

Furnished in the following standard sizes: 9 x 15 feet, 9 x 12 feet, 8.3 x 10.6 feet, 6 x 9 feet, 36 x 63 inches and 27 x 54 inches. (Priced above.)

ILLUSTRATING PATTERN NO. 8X/2030—COLOR 109
Design—Persian

Furnished in the following standard sizes: 11.3 x 12 feet, 9 x 15 feet, 9 x 12 feet, 8.3 x 10.6 feet, 6 x 9 feet, 36 x 63 inches and 27 x 54 inches. (Priced above.)

ILLUSTRATING PATTERN NO. 8X 2022—COLOR 75
Design—Persian

Furnished in the following standard sizes: 11.3 x 12 feet, 9 x 15 feet, 9 x 12 feet, 8.3 x 10.6 feet, 6 x 9 feet, 36 x 63 inches and 27 x 54 inches. (Priced above.)

NATIONALLY ADVERTISED "SERVIAN" SEAMLESS RUGS AT FACTORY PRICES

America's Seamless Oriental — "A Bigelow-Hartford Product." Four exquisite and unusually beautiful and attractive designs are now featured below. The famous power-loom rug with a weave which shows the back through to the front, woven in the rarest Oriental patterns of rich, formal. The 9 x 12 ft. weight 60 lbs.

We own a power loom [illegible] the hand-woven fabrics of the Orient and bring [illegible]. The "Servian" brings Oriental luxury within the reach [illegible] American homes. It is far superior to many foreign made rugs now entering the portals of this country. Indeed this rug and others by hand would cost several hundred dollars—and it would not be as good a rug.

The handweaver is no longer an artist; he is a commercial worker and often there are "tired spots" and "hurry spots" in the fabric he weaves. Now the great power-loom has equalled the creative ability of the handweaver and *surpassed* him in strength and consistency.

The marvelous "Servian" represents the newest and most original achievement of the industry in fine rug weaving. The wool from which "Servian" yarn is spun is the finest blend of Persian, Chinese, Afghanistan and South American wools. Soft heavy back. Deep lustrous [illegible].

ILLUSTRATING "SERVIAN" SEAMLESS RUG PATTERN
NO. 8M/L36

Beautiful Reproduction of Sixteenth Century Polonaise Design

No. 8M/L36/6.	Size 9 x 12 feet	Each	$212 70
No. 8M/L36/5.	Size 8½ x 10½ feet	Each	201 85
No. 8M/L36/1.	Size 6 x 9 feet	Each	128 85
No. 8M/L36/4.	Size 4½ x 6½ feet	Each	71 55
No. 8M/L36/8.	Size 27 x 54 inches	Each	22.60

ILLUSTRATING "SERVIAN" SEAMLESS RUG PATTERN
NO. 8M/L24

Seventeenth Century Persian Design

This most attractive pattern "Servian" Seamless Rug is made only in the two sizes listed below. Priced very low in this selling. This rug due to its superior qualities will radiate a mellow richness over a long period of years.

No. 8M/L24/6	Size 9 x 12 feet	Each	$212 70
No. 8M/L24/8.	Size 27 x 54 inches	Each	22.60

ILLUSTRATING "SERVIAN" SEAMLESS RUG PATTERN
NO. 8M/L10

Beautiful Sixteenth Century Persian Design

No. 8M/L10/13	Size 9 x 13 feet	Each	$281 35
No. 8M/L10/6	Size 9 x 12 feet	Each	212 70
No. 8M/L10/5	Size 8½ x 10½ feet	Each	201 85
No. 8M/L10/1	Size 6 x 9 feet	Each	128 85
No. 8M/L10/11	Size 4½ x 6½ feet	Each	71 55
No. 8M/L10/9	Size 36 x 63 inches	Each	35.00
No. 8M/L10/8	Size 27 x 54 inches	Each	22.60

ILLUSTRATING "SERVIAN" SEAMLESS RUG PATTERN
NO. 8M/L21

Sixteenth Century Ispahan Design

No. 8M/L21/13	Size 9 x 13 feet	Each	$281 35
No. 8M/L21/6.	Size 9 x 12 feet	Each	212 70
No. 8M/L21/5	Size 8½ x 10½ feet	Each	201 85
No. 8M/L21/1	Size 6 x 9 feet	Each	128 85
No. 8M/L21/11	Size 4½ x 6½ feet	Each	71 55
No. 8M/L21/9	Size 36 x 63 inches	Each	35.00
No. 8M/L21/8.	Size 27 x 54 inches	Each	22.60

THE CELEBRATED SENECA SEAMLESS AXMINSTER RUGS AT MILL PRICES

The Name "Seneca" Is an Assurance of Quality

Below is a very interesting display of some excellent patterns in the celebrated SENECA SEAMLESS AXMINISTERS These rugs are guaranteed to be 7 pitch and 5-2/3 rows to the inch. Durability and beauty are woven into each, assuring you a serviceable and pleasing floor covering.

Choice of four attractive patterns in various colors and furnished in the following sizes: 9x12 feet, 8.3x10.6 feet, 6x9 feet, 2.3x12 feet, 2.3x9 feet, 36x63 inches and 27x54 inches.

ILLUSTRATING PATTERN NO 9X 709
Design—Tropical

Made in the following standard sizes: 9 x 12 feet, 8.3 x 10.6 feet, 6 x 9 feet, 36 x 63 inches and 27 x 54 inches (Priced above) Shipping weight size 9 x 12 feet, 41 lbs

LIST PRICES

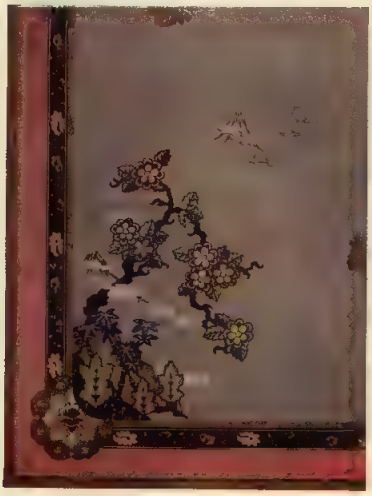
9 x 12 feet
$72.00
8.3 x 10.6 feet
$66.55
6 x 9 feet
$40.15
2.3 x 12 feet
$18.55
2.3 x 9 feet
$13.90
36 x 63 inches
$11.80
27 x 54 inches
$7.60

ILLUSTRATING PATTERN NO 9X/729
Design—Persian Ispahan

Made in the following standard size only, 9 x 12 feet (Priced above) Shipping weight, size 9 x 12 feet, 41 lbs

ILLUSTRATING PATTERN NO 9X 726
Design—Persian

Made in the following standard sizes: 9 x 12 feet, 8.3 x 10.6 feet, 6 x 9 feet, 2.3 x 12 feet, 2.3 x 9 feet, 36 x 63 inches and 27 x 54 inches. (Priced above) Shipping weight size 9 x 12 feet 41 lbs



ILLUSTRATING PATTERN NO 9X/712
Design—Chinese

Made in the following standard sizes: 9 x 12 feet, 8.3 x 10.6 feet, 6 x 9 feet, 36 x 63 inches and 27 x 54 inches (Priced above) Shipping weight, size 9 x 12 feet, 41 lbs

THE POPULAR ROSETREE SEAMED WILTON RUGS AT MILL PRICES

All Sizes Richly Fringed

This very attractive display below embraces the most excellent patterns from the CELEBRATED ROSETREE WILTONS All sizes are fringed Listed below are the sizes in which each pattern is made nd can be furnished in Specify pattern and color numbers when ordering

ILLUSTRATING PATTERN NO 8X 2034—COLOR 118
Design—Sarouk Medallion

Furnished in the following standard sizes 11.3 x 12 feet, 9 x 12 feet, 9 x 15 feet, 6 x 9 feet, 3.6 x 6.3 inches and 2.6 x 3.6 feet

SIZES AND LIST PRICES AS FOLLOWS

11.3 x 12 ft.
9 x 15 ft.
9 x 12 ft.
6 x 9 ft.
3.6 x 6.3 in.
2.6 x 3.6 ft.

GENUINE ROSETREE WILTONS IN ATTRACTIVE DESIGNS

The Rosetree Wilton is a genuine Wilton rug woven from high quality three-ply woolen yarns on the most modern type of English Wilton loom The pattern is clear-cut and the rug is reversible

The durability of the rug is bound in by the Jacquard weave that the durability of the rug is

The [illegible] own mills from raw wools specially selected for their quality, strength and length of fibre These yarns are dyed in factories' own dyeing plant with dyes carefully tested for permanency and color

Choice of four attractive patterns in various colors and furnished in sizes as listed under each illustration

OTHER SIZES

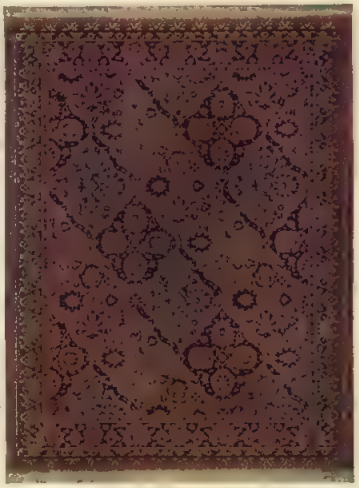
Can be obtained by special order Advise us of your requirements and quotations will be promptly submitted

ILLUSTRATING PATTERN NO. 8X-2035—COLOR 126
Design—Ispahan

Furnished in the following standard sizes 11.3 x 12 feet, 9 x 15 feet, 9 x 12 feet, 6 x 9 feet, 3.6 x 6.3 inches and 2.6 x 3.6 feet

ILLUSTRATING PATTERN NO 8X 2036—COLOR 129
Design—Kuba, Asia Minor

Furnished in the following standard sizes 11.3 x 12 feet, 9 x 15 feet, 9 x 12 feet, 6 x 9 feet, 3.6 x 6.3 inches and 2.6 x 3.6 feet (Priced above.)



ILLUSTRATING PATTERN NO. 8X-2032—COLOR 116
Design—Kermanshah Panels

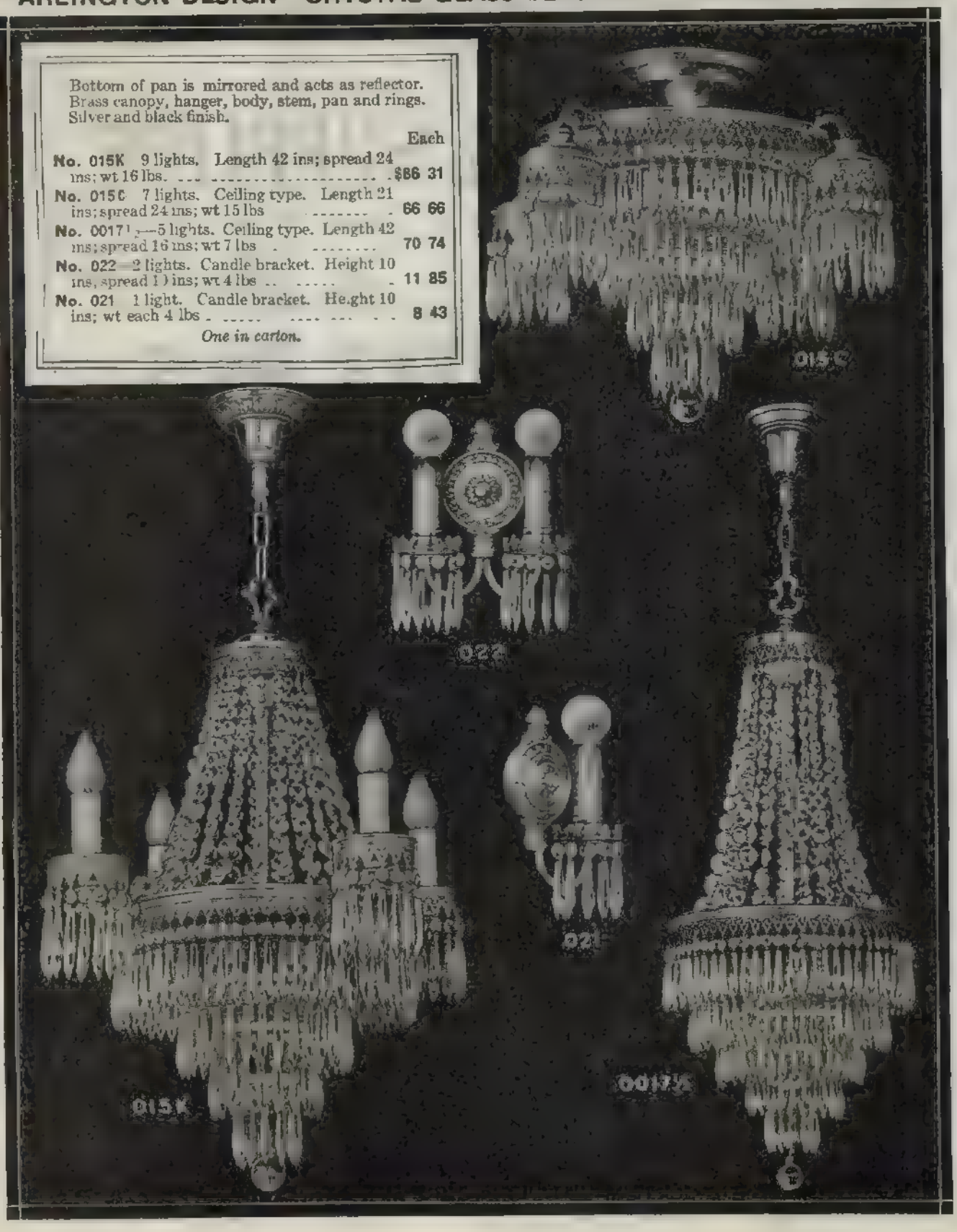
Furnished in the following standard sizes 11.3 x 12 feet, 9 x 15 feet, 9 x 12 feet, 6 x 9 feet, 3.6 x 6.3 inches and 2.6 x 3.6 feet (Priced above.)

"ARLINGTON DESIGN" CRYSTAL GLASS ELECTRIC LIGHTING FIXTURES

Bottom of pan is mirrored and acts as reflector. Brass canopy, hanger, body, stem, pan and rings. Silver and black finish.

	Each
No. 015K 9 lights. Length 42 ins; spread 24 ins; wt 16 lbs.	$86 31
No. 015C 7 lights. Ceiling type. Length 21 ins; spread 24 ins; wt 15 lbs	66 66
No. 0017½—5 lights. Ceiling type. Length 42 ins; spread 16 ins; wt 7 lbs	70 74
No. 022—2 lights. Candle bracket. Height 10 ins, spread 10 ins; wt 4 lbs	11 85
No. 021 1 light. Candle bracket. Height 10 ins; wt each 4 lbs	8 43

One in carton.

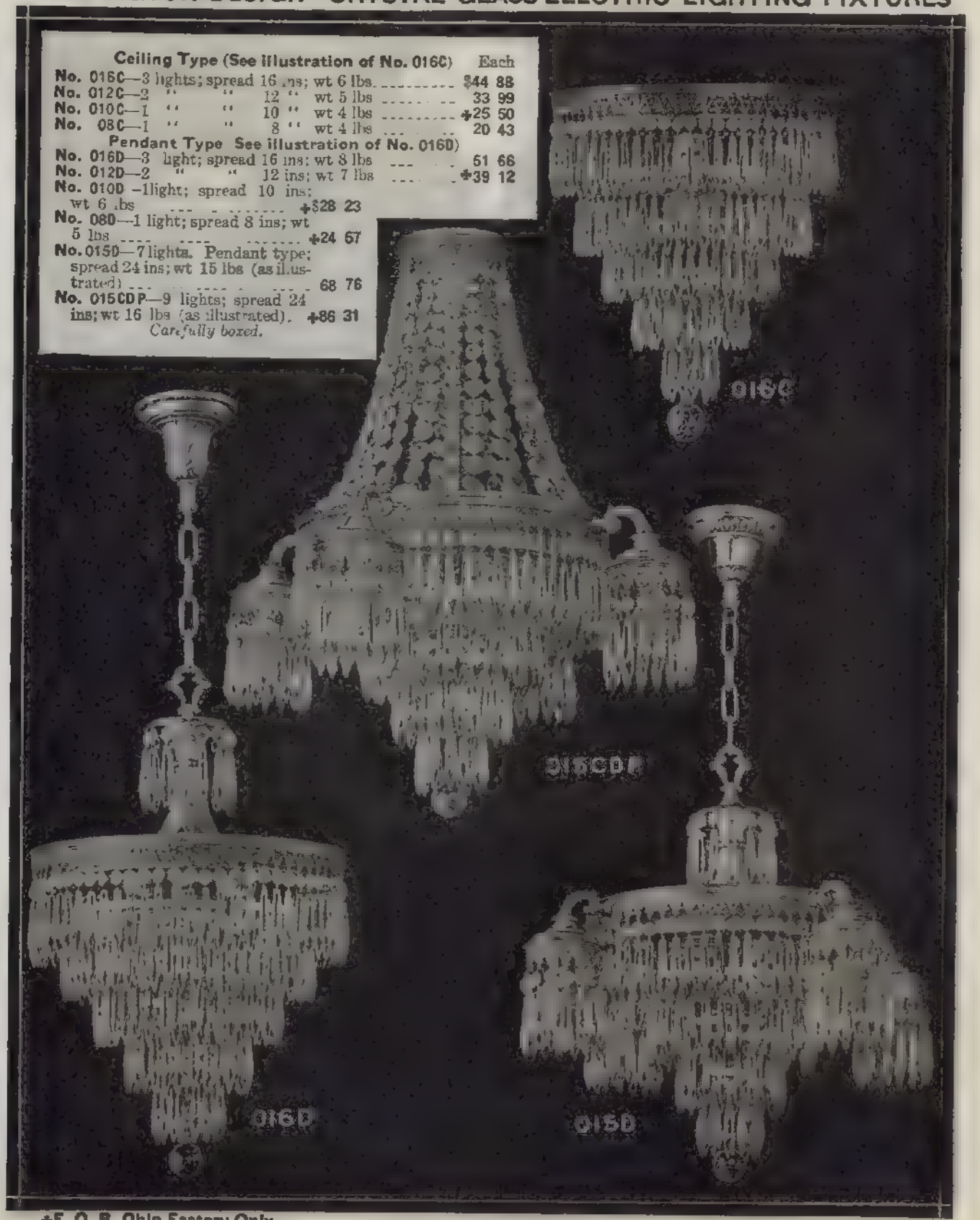


"ARLINGTON DESIGN" CRYSTAL GLASS ELECTRIC LIGHTING FIXTURES

D 3

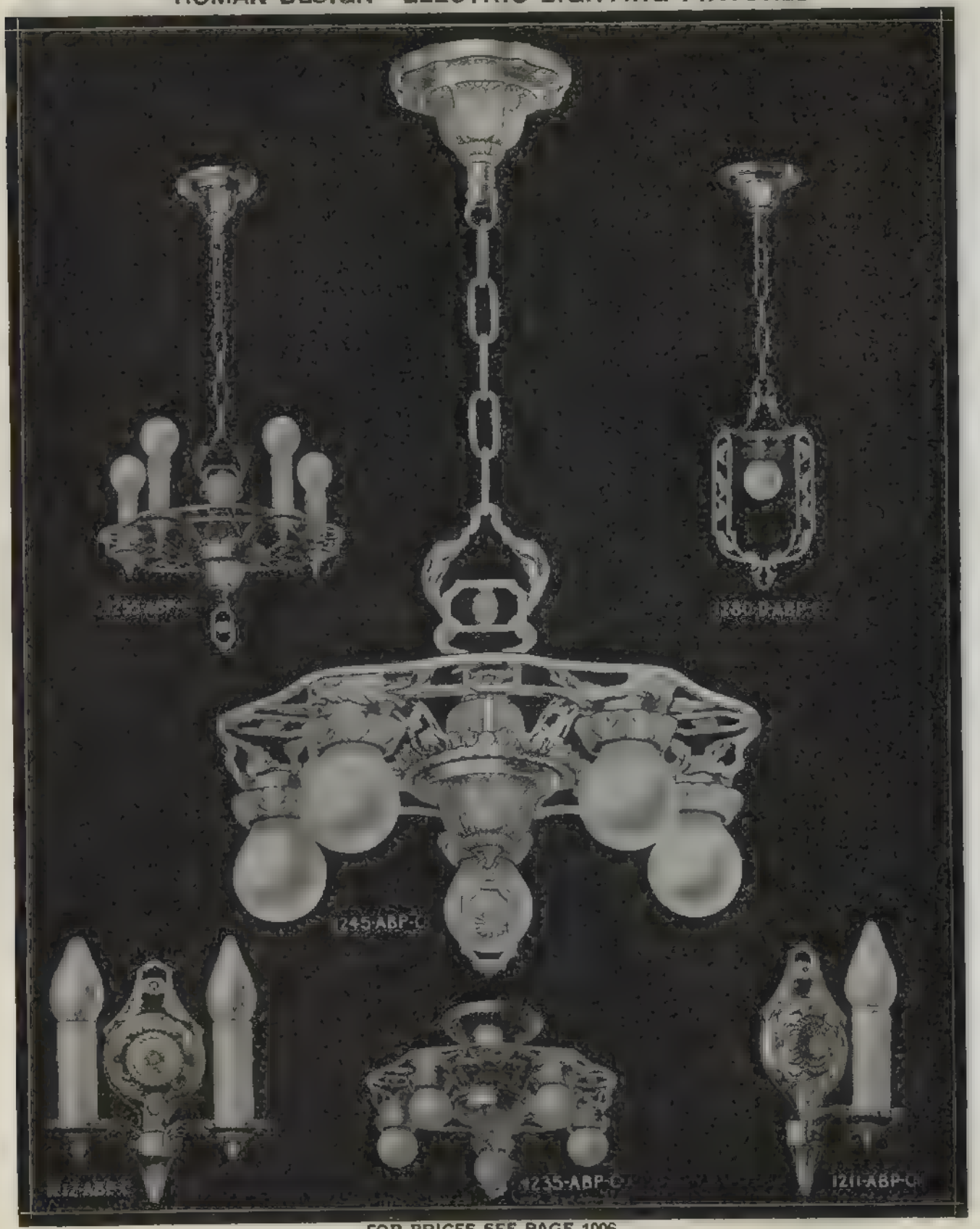
Ceiling Type (See illustration of No. 016C)	Each
No. 016C—3 lights; spread 16 ins; wt 6 lbs	$44 88
No. 012C—2 " " 12 " wt 5 lbs	33 99
No. 010C—1 " " 10 " wt 4 lbs	+25 50
No. 08C—1 " " 8 " wt 4 lbs	20 43
Pendant Type See illustration of No. 016D)	
No. 016D—3 light; spread 16 ins; wt 8 lbs	51 66
No. 012D—2 " " 12 ins; wt 7 lbs	+39 12
No. 010D—1light; spread 10 ins; wt 6 lbs	+28 23
No. 08D—1 light; spread 8 ins; wt 5 lbs	+24 57
No. 015D—7 lights. Pendant type; spread 24 ins; wt 15 lbs (as illustrated)	68 76
No. 015CDP—9 lights; spread 24 ins; wt 16 lbs (as illustrated).	+86 31

Carefully boxed.



+F. O. B. Ohio Factory Only.

"ROMAN DESIGN" ELECTRIC LIGHTING FIXTURES



FOR PRICES SEE PAGE 1006

"STERLING DESIGN" ELECTRIC LIGHTING FIXTURES

FOR PRICES SEE PAGE 1006

PRICES AND DESCRIPTIONS FOR ELECTRIC LIGHTING FIXTURES

ILLUSTRATED ON PAGES 1004 AND 1005

ROMAN DESIGN

USES—Residential lighting, for bed rooms, living rooms, halls and bath rooms.
MATERIALS—Blown metal, fibre drip candles. Complete with sockets and wire.
FINISH Antique brass, polychrome and silver and gold. (See below).

THREE AND FIVE LIGHT PENDANT DROP

Length 36 inches.

	Antique Brass Polychrome		Silver and Gold	
Nos.	1243-ABP	1245-ABP	1243-SG	1245-SG
Lights	3	5	3	5
Spread, ins.	13	15	13	15
1 to 4, Each	$11 70	12 60	11 70	12 60
5 or more, Each	10 20	10 95	10 20	10 95

One in carton; weight each 12 lbs.

FIVE LIGHT PENDANT CANDLE

Length 36 inches; spread 16½ inches.

Nos.	1255-ABP	1255-SG
Finish	Antique Brass Polychrome	Silver and Gold
1 to 4, Each	$12 60	12 60
5 or more, Each	10 95	10 95

One in carton; weight each 11 lbs.

ONE LIGHT DROP PENDANT

Length 36 inches; spread 6¼ inches.

Nos.	1280-D-ABP	1280-D-SG
Finish	Antique Brass Polychrome	Silver and Gold
1 to 4, Each	$5 70	5 70
5 or more, Each	4 95	4 95

One in carton; six in standard package; weight each 5 lbs.

ONE LIGHT CANDLE PENDANT

Length 36 inches; spread 6¼ inches.

Nos.	1280-C-ABP	1280-C-SG
Finish	Antique Brass Polychrome	Silver and Gold
1 to 4, Each	$5 70	5 70
5 or more, Each	4 95	4 95

One in carton; six in standard package; weight each 5 lbs.

ONE LIGHT CANDLE WALL BRACKETS

Extends from wall 4 inches.

	Antique Brass Polychrome	Silver and Gold	Ivory and Pink
Nos.	1211-ABP	1211-SG	1211-IP
1 to 11, Each		$4 20	
12 or more, Each		3 60	

One in carton, 12 in std pkg; wt each 2½ lbs.

TWO LIGHT CANDLE WALL BRACKETS

Extends from wall 4 inches.

	Antique Brass Polychrome	Silver and Gold	Ivory and Pink
Nos.	1212-ABP	1212-SG	1212-IP
1 to 11, Each		$6 00	
12 or more, Each		5 25	

One in carton, 12 in std pkg; wt each 3 lbs.

FIVE LIGHT CEILING TYPE

Spread 15 inches; extends from ceiling 12 inches.

Nos.	1235-ABP	1235-SG
Finish	Antique Brass Polychrome	Silver and Gold
1 to 4, Each	$12 00	12 00
5 or more, Each	10 50	10 50

One in carton; weight each 10 lbs.

THREE LIGHT CEILING TYPE

Spread 18 inches; extends from ceiling 12 inches.

Nos.	1233-ABP	1233-SG
Finish	Antique Brass Polychrome	Silver and Gold
1 to 4, Each	$10 65	10 65
5 or more, Each	9 30	9 30

One in carton; weight each 10 lbs.

STERLING DESIGN

USES—Residential lighting, for bed rooms, living rooms, halls and bath rooms.
MATERIALS—Strap and blown metal, fibre drip candles. Complete with sockets and wire.
FINISH—Gold and polychrome and burnished silver. (See below)

FIVE LIGHT PENDANT CANDLE

Length 36 inches; spread 18 inches.

Nos.	1355-BS	1355-GP
Finish	Burnished Silver	Gold and Polychrome
1 to 4, Each	$12 75	12 75
5 or more, Each	11 40	11 40

One in carton; weight each 13 lbs.

FIVE LIGHT CEILING TYPE

Extends from ceiling 18 inches; spread 20 inches.

Nos.	1335-BS	1335-GP
Finish	Burnished Silver	Gold and Polychrome
1 to 4, Each	$12 75	12 75
5 or more, Each	11 40	11 40

One in carton, weight each 13 lbs.

FIVE LIGHT PENDANT DROP

Length 36 inches; spread 18 inches.

Nos.	1345-BS	1345-GP
Finish	Burnished Silver	Gold and Polychrome
1 to 4, Each	$12 75	12 75
5 or more, Each	11 40	11 40

One in carton; weight each 13 lbs

ONE LIGHT CANDLE PENDANT

Length 36 inches; spread 6¼ inches.

Nos.	1380-C-BS	1380-C-GP
Finish	Burnished Silver	Gold and Polychrome
1 to 4, Each	$5 70	5 70
5 or more, Each	4 95	4 95

One in carton; six in standard package; weight each 5 lbs.

ONE LIGHT PENDANT DROP

Length 36 inches; spread 8 inches.

Nos.	1380-D-BS	1380-D-GP
Finish	Burnished Silver	Gold And Polychrome
1 to 4, Each	$5 70	5 70
5 or more, Each	4 95	4 95

One in carton; six in standard package; weight each 5 lbs.

ONE LIGHT CEILING TYPE

Extends from ceiling 12 inches; spread 8 inches.

Nos.	1301-BS	1301-GP
Finish	Burnished Silver	Gold And Polychrome
1 to 4, Each	$3 00	3 00
5 or more, Each	2 55	2 55

Two in a carton; 12 in standard package; weight each 3 lbs.

CANDLE WALL BRACKETS

Extends from wall 6 inches.

Burnished Silver Finish.

Nos.	1311-BS	1312-BS
Lights	1	2
Standard pkg	12	12
Weight each, lbs	2½	3
1 to 4, Each	$4 20	6 00
5 or more, Each	3 60	5 25

One in carton.

Gold And Polychrome Finish.

Nos.	1311-GP	1312-GP
Lights	1	2
Standard pkg	12	12
Weight each, lbs	2½	3
1 to 4, Each	$4 20	6 00
5 or more, Each	3 60	5 25

One in carton.

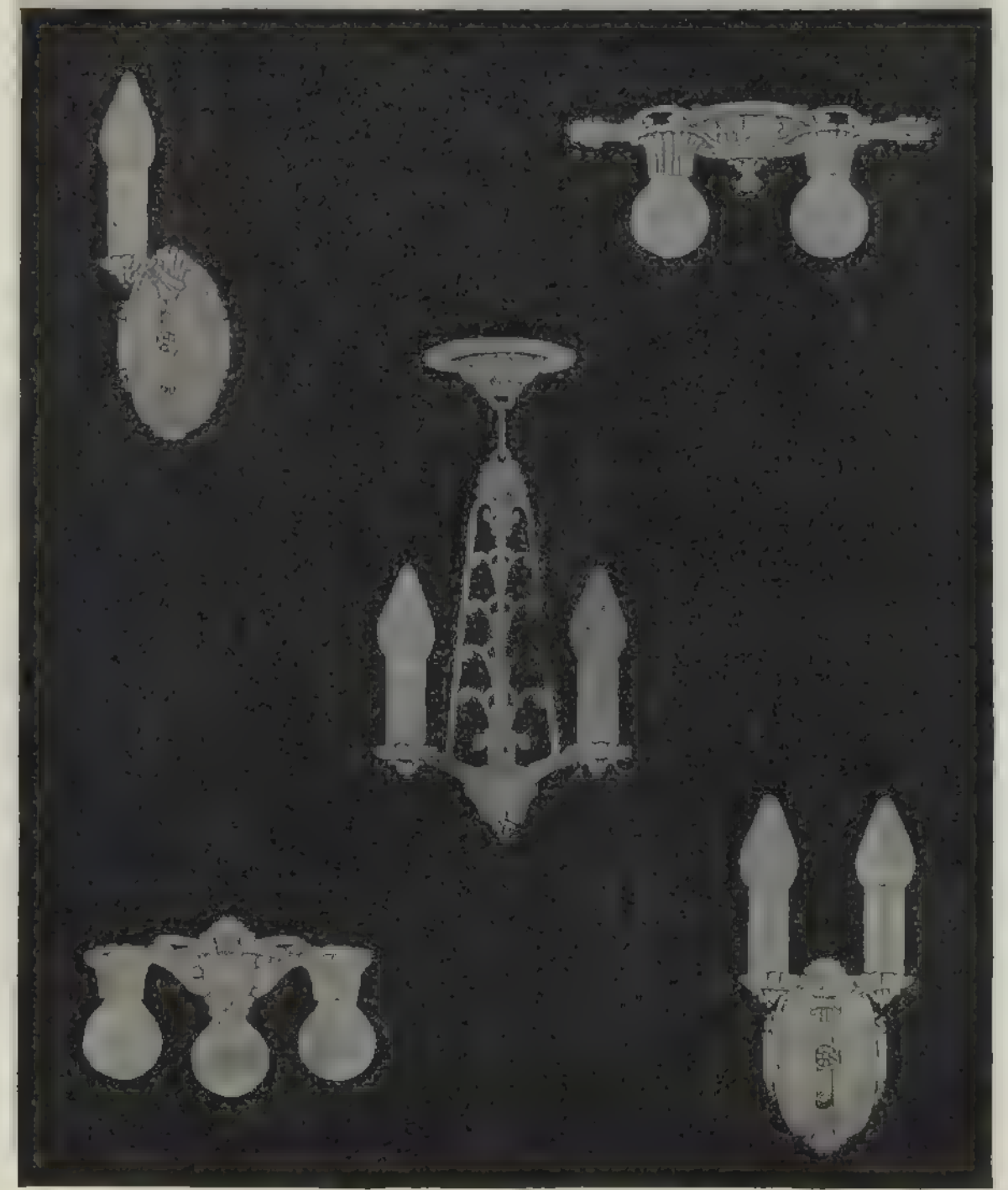
"TOLEDO DESIGN" ELECTRIC LIGHTING FIXTURES

The beautiful antique silver polychrome finish gives this line an unusual snappy appearance that is instantly admired by all. Only quality materials are used in the construction of these Fixtures.

	Each
No. 732-C—One Light Candle Bracket; wt 1½ lbs	$5 55
No. 734-C—Two Light Candle Bracket; wt 2½ lbs	7 05
No. 733-C—One Light Drop Bracket; wt 1½ lbs	5 55
No. 744-C—One Light Ceiling; wt 1¾ lbs	4 05
No. 745-C—Two Light Ceiling; wt 1½ lbs	6 30
No. 741-C—Three Light Ceiling; wt 2½ lbs	$ 9 45
No. 720-C—Five Light Ceiling; wt 4¾ lbs	13 20
No. 718-C Five Light Pendant Candle; wt 6½ lbs	14 40
No. 743-C—Two Light Pendant Ball Lamp; wt 2½ lbs	10 20
No. 725-C—Three Light Pendant Ball Lamp; wt 4½ lbs	11 40
No. 719-C—Five Light Pendant Ball Lamp; wt 4½ lbs	14 40

ELECTRIC LIGHTING FIXTURES

These fixtures are especially recommended for low ceiling use. The new antique ivory finish lends unusual attractiveness and readily appeals to all who see them.



	Each
No. 1013—One light Candle Bracket; wt 1 lb	$ 4 65
No. 1014—Two Light Candle Bracket; wt 2 lbs	6 30
No. 1010—Two Light Candle Pendant; wt 4 lbs	10 20

	Each
No. 1011—Two Light Ceiling; wt 2 lbs	$6 65
No. 1012—Three Light Ceilng; wt 3 lbs	7 80

"DRONTHEIM DESIGN" ELECTRIC LIGHTING FIXTURES

New and entirely different ideas in residential Fixtures. The unusual finish in antique bronze relieved with colors instantly admired by all who see them.

No. 306—Two Light Candle Bracket; wt 2 lbs..... Each $7 80

No. 301—Five Light Pendant Candle; wt 8 lbs..... Each $21 00

No. 304—One Light Candle Bracket; wt 2 lbs..... Each $6 30

"DRONTHEIM DESIGN" ELECTRIC LIGHTING FIXTURES

The fixtures match those shown on preceding page. All drop fixtures like candle type are very beautiful and will add much beauty to the home.

No. 305—One Light Drop Wall Bracket; wt 2 lbs..... Each $6 30

No. 302—Five Light Drop Pendant Fixture; wt 8 lbs..... Each $21 00

No. 303—Five Light Drop Semi-ceiling; wt 7 lbs..... Each $21 00

"ORLEANS DESIGN" ELECTRIC LIGHTING FIXTURES

These fixtures are manufactured with the utmost care. Special attention given to the construction to insure long service. Quality materials used throughout. The gold finish decorated with rose floral design is very attractive.

No. 755—Two Light Candle Bracket; wt 2½ lbs..... Each $9 90

No. 752—Five Light Pendant Candle; wt 10 lbs..... Each $23 25

No. 754—One Light Candle Bracket; wt 2 lbs..... Each $7 05

"ORLEANS DESIGN" ELECTRIC LIGHTING FIXTURES

The fixtures match those shown on preceding page. All are exceedingly popular due to the attractive design.

	Each
No. 764—Five Light Semi-ceiling; wt 7 lbs.....	$23 25
No. 753—Five Light Pendant Drop; wt 9 lbs	$23 25

"SEVILLE DESIGN" ELECTRIC LIGHTING FIXTURES

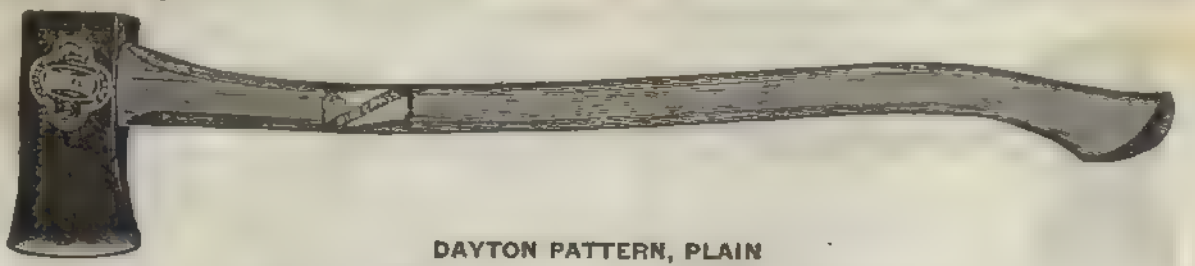
One of the latest creations in residential Lighting Fixtures. The handsome antique gold finish sprayed with beautiful colors here and there gives these Fixtures unusual attractiveness. Instantly admired by all.

	Each
No. 328—Five Light Candle, spread 18 inches; wt 12 lbs.	$30 30
No. 331—Two Light Candle Brackets, spread 9 inches, wall plate 12¼x5 inches; wt 3 lbs.	$10 20

AXES

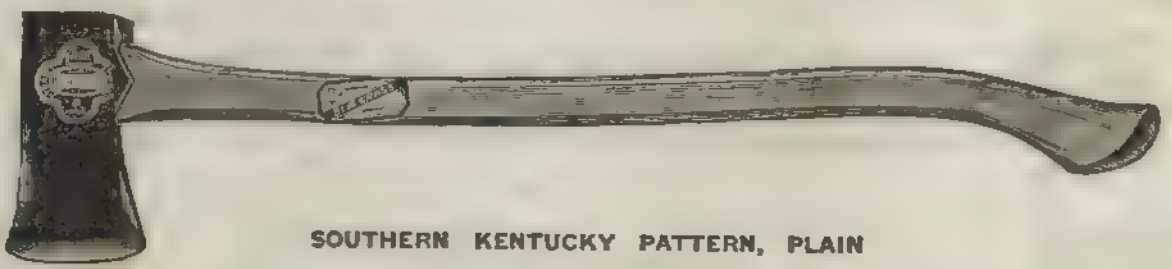
—BLUE GRASS—SINGLE BIT. RUSTLESS BLACK FINISH, DEEP ETCHED HANDLED WITH SCROLL END HANDLES

Solid steel body; hardened poll; extra quality crucible steel bit; perfect and uniformly punched eyes; hand tempered and tested; sharpened ready for use.



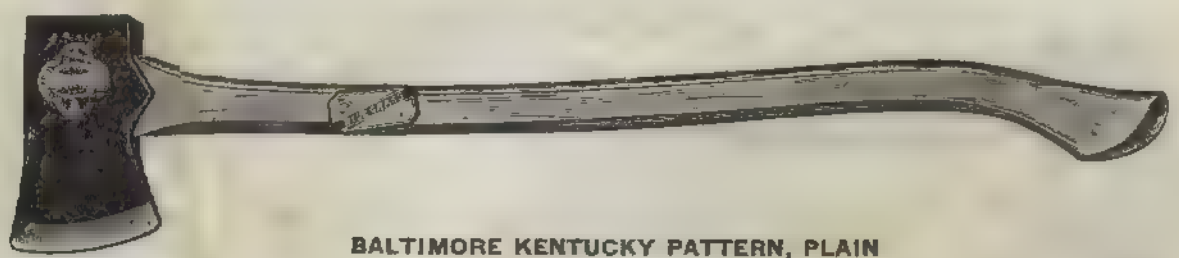
DAYTON PATTERN, PLAIN

Wt (assorted), lbs.			3 to 4	3½ to 4½	4 to 5	4½ to 5½
Blue Grass Handles—Super Second Growth, All White Hickory	No. BG311-40—Octa. / No. BG311-50—Oval.	Per Doz	$66 15	67 95	69 75	71 55
Belknap Special Handles—White, Second Growth Hickory	No. BG311-6—Octa. / No. BG311-7—Oval.	Per Doz	65 40	67 20	69 00	70 80
Pride of Kentucky Handles—White, Good Grade Forest Hickory	No. BG311-63—Octa. / No. BG311-64—Oval	Per Doz	63 15	65 25	66 75	68 55
UNHANDLED	No. BG311	Per Doz	47 10	48 90	50 70	52 50



SOUTHERN KENTUCKY PATTERN, PLAIN

Wt (assorted), lbs.			3½ to 4½	4 to 5	4½ to 5½
Blue Grass Handles—Super Second Growth, All White Hickory	No. BG321-40—Octa. / No. BG321-50—Oval.	Per Doz	$67 95	78 05	71 85
Belknap Special Handles—White, Second Growth Hickory	No. BG321-6—Octa. / No. BG321-7—Oval.	Per Doz	67 20	69 00	70 80
Pride of Kentucy Handles—White, Good Grade Forest Hickory	No. BG321-63—Octa. / No. BG321-64—Oval.	Per Doz	64 95	67 05	68 70
UNHANDLED	No. BG321	Per Doz	48 90	60 70	52 50



BALTIMORE KENTUCKY PATTERN, PLAIN

Wt (assorted), lbs.			3½ to 4½	4 to 5
Blue Grass Handles—Suer Second Growth All White Hickory	No. BG331-40—Octa. / No. BG331-50—Oval.	Per Doz	$67 95	69 75
Belknap Special Handles—White, Second Growth Hickory	No. BG331-6—Octa / No. BG331-7 Oval	Per Doz	67 20	69 00
Pride Of Kentucky Hadles—White, Good Grade Forest Hickory	No. BG331-63—Octa. / No. BG331-64—Oval	Per Doz	64 95	66 75
UNHANDLED	No. BG331	Per Doz	48 90	50 70

All axes on this page packed one dozen in a box.

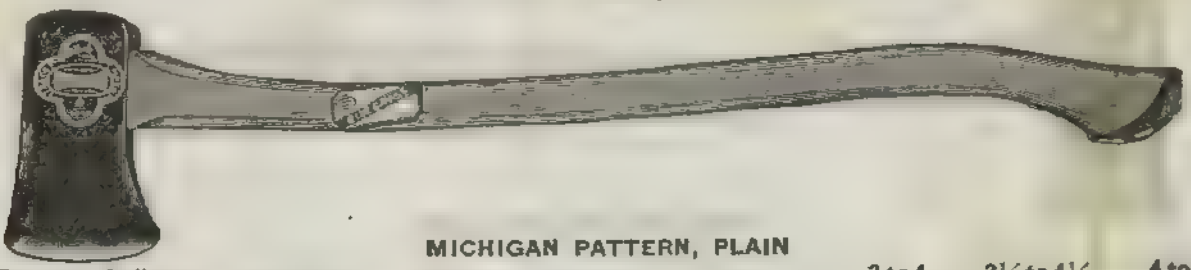
AXES

—BLUE GRASS—SINGLE BIT

HANDLED WITH SCROLL END HANDLES

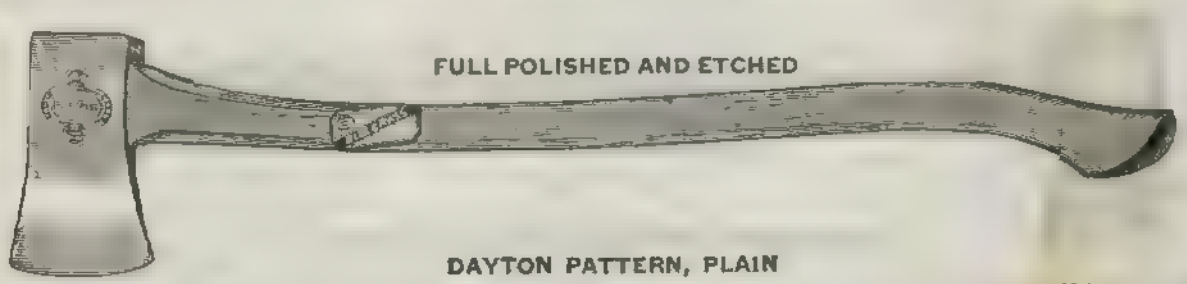
Solid steel body; hardened poll; extra quality crucible steel bit; perfect and uniformly punched eyes; hand tempered and tested; sharpened ready for use.

RUSTLESS BLACK FINISH, DEEP ETCHED



MICHIGAN PATTERN, PLAIN

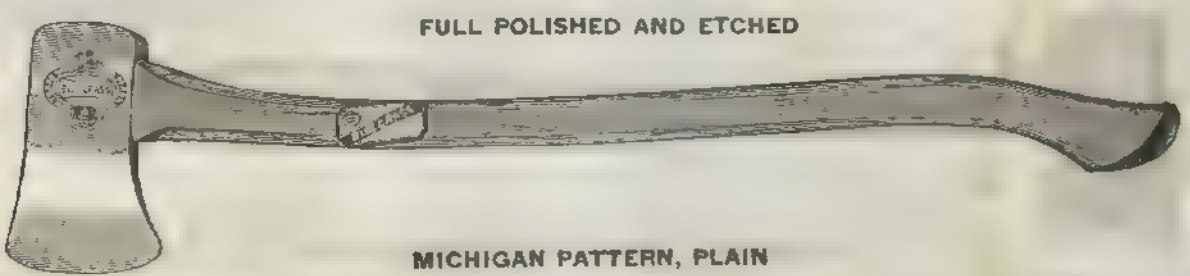
Wt (assorted), lbs.			3 to 4	3½ to 4½	4 to 5
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG351-40** Octa **No. BG351-50** Oval	Per Doz	$66 15	67 95	69 75
Belknap Special Handles—White, Second Growth Hickory	**No. BG351-6**—Octa **No. BG351-7**—Oval	Per Doz	65 40	67 20	69 00
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG351-63**—Octa **No. BG351-64**—Oval	Per Doz	63 15	64 95	66 75
UNHANDLED	**No. BG351**	Per Doz	47 10	48 90	50 70



FULL POLISHED AND ETCHED

DAYTON PATTERN, PLAIN

Wt (assorted), lbs.			3 to 4	3½ to 4½	4 to 5
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG211-40** Octa **No. BG211-50**—Oval	Per Doz	$64 35	66 15	67 95
Belknap Special Handles—White, Second Growth Hickory	**No. BG211-6** Octa **No. BG211-7**—Oval	Per Doz	63 60	6540	67 20
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG211-63** Octa **No. BG211-64**—Oval	Per Doz	61 35	63 15	64 95
UNHANDLED	**No. BG211**	Per Doz	45 30	47 10	48 60



FULL POLISHED AND ETCHED

MICHIGAN PATTERN, PLAIN

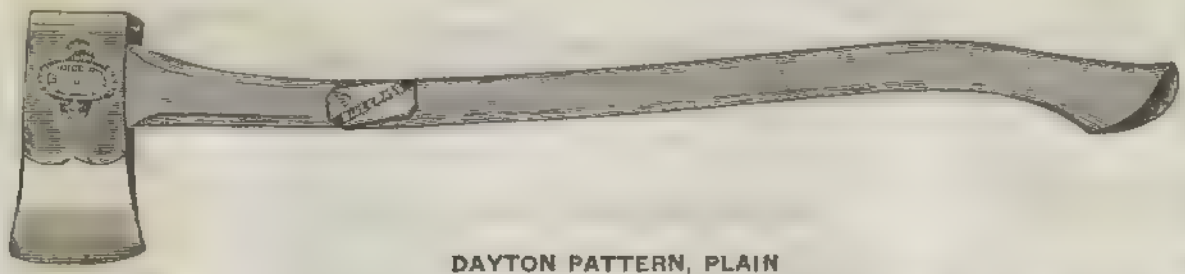
Wts (assorted), lbs.			3 to 4	3½ to 4½	4 to 5
Blue Grass Handles—Super Second Growth, all White Hickory	**No. BG251-40**—Octa **No. BG251-50**—Oval	Per Doz	$64 35	66 15	67 95
Belknap Special Handles—White Second Growth Hickory	**No. BG251-6**—Octa **No. BG251-7**—Oval	Per Doz	63 60	65 40	67 20
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG251-63**—Octa **No. BG251-64**—Oval	Per Doz	61 35	63 15	64 95
UNHANDLED	**No. BG251**	Per Doz	45 30	47 10	48 60

All of above axes packed one doz in wood box.

AXES

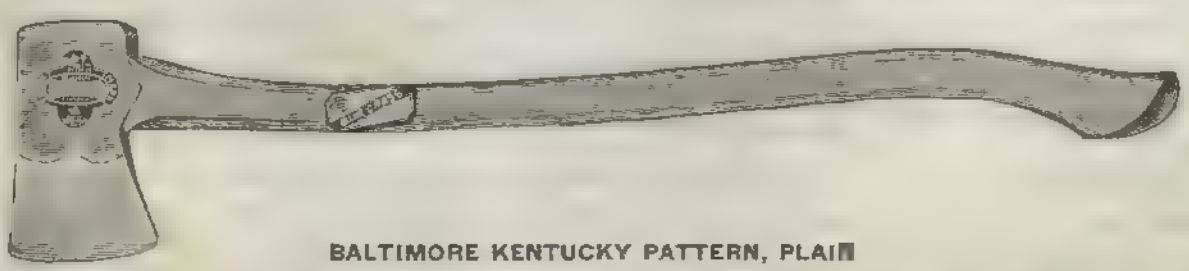
—BLUE GRASS—SINGLE BIT. RED AND GOLD FINISH, LABELED. FULL POLISHED BIT AND POLL HANDLED WITH SCROLL END HANDLES

Solid steel body, hardened pole; extra quality crucible steel bit; perfect and uniformly punched eyes; hand tempered and tested; sharpened ready for use.



DAYTON PATTERN, PLAIN

Wts (assorted), lbs			3 to 3½	3½	3 to 4
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG111-40** Octa. **No. BG111-50**—Oval	Per Doz	$62 55	62 55	62 55
Belknap Special Handles—White, Second Growth Hickory	**No. BG111-6**—Octa. **No. BG111-7**—Oval	Per Doz	61 80	61 80	61 80
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG111-63**—Octa. **No. BG111-64**—Oval	Per Doz	59 55	59 55	59 55
UNHANDLED	**No. BG111**	Per Doz	43 50	43 50	43 50
Wts (assorted), lbs			4	3½ to 4½	4½
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG111-40** Octa. **No. BG111-50** Oval	Per Doz	$64 35	64 35	66 15
Belknap Special Handles—White, Second Growth Hickory	**No. BG111-6**—Octa. **No. BG111-7** Oval	Per Doz	63 60	63 60	65 40
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG111-63**—Octa. **No. BG111-64**—Oval	Per Doz	61 35	61 35	63 15
UNHANDLED	**No. BG111**	Per Doz	45 30	45 30	47 10
Wts (assorted), lbs			4 to 5	4½ to 5½	4½ to 6
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG111-40** Octa. **No. BG111-50**—Oval	Per Doz	$66 15	67 95	67 95
Belknap Special Handles—White, Second Growth Hickory	**No. BG111-6** Octa. **No. BG111-7**—Oval	Per Doz	65 40	67 20	67 20
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG111-63** Octa. **No. BG111-64**—Oval	Per Doz	63 15	64 95	64 95
UNHANDLED	**No. BG111**	Per Doz	47 10	48 90	48 90



BALTIMORE KENTUCKY PATTERN, PLAIN

			3 to 4	3½ to 4½	4 to 5	4½ to 5½
Wts (assorted), lbs						
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG131-40**—Octa. **No. BG131-50**—Oval	Per Doz	$62 55	64 35	66 15	67 95
Belknap Special Handles—White, Second Growth Hickory	**No. BG131-6**—Octa. **No. BG131-7** Oval	Per Doz	61 80	63 60	65 40	67 20
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG131-63**—Octa. **No. BG131-64**—Oval	Per Doz	59 85	61 35	63 15	64 95
UNHANDLED	**No. BG131**	Per Doz	43 50	45 30	47 10	48 90

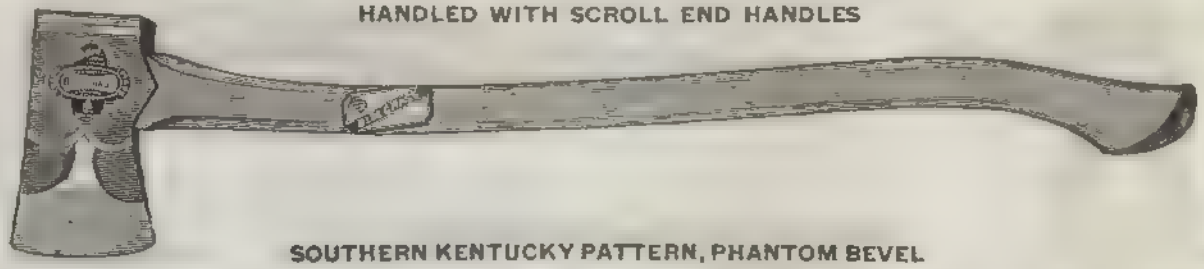
All of above axes packed one doz in wood box.

AXES

—BLUE GRASS—SINGLE BIT. RED AND GOLD BODY, LABELED, FULL POLISHED BIT AND POLL, PAINTED BLUE BEVELS

Solid steel body; hardened poll; extra quality crucible steel bit; perfect and uniformly punched eyes; hand tempered and tested; sharpened ready for use.

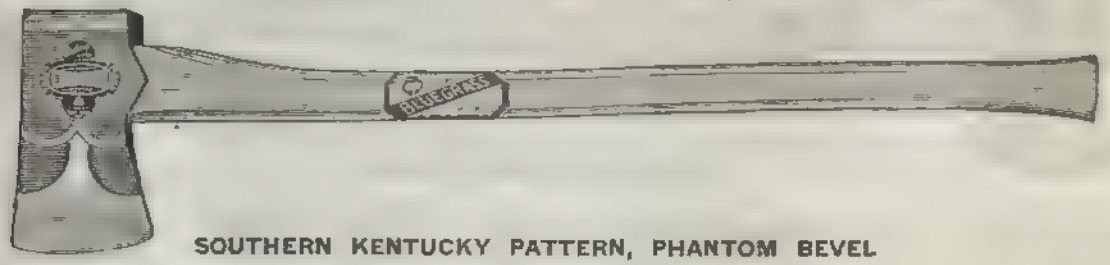
HANDLED WITH SCROLL END HANDLES



SOUTHERN KENTUCKY PATTERN, PHANTOM BEVEL

Wts (assorted), lbs			3½ to 4½	4 to 5	4½ to 5½
Blue Grass Handles—Super Second Growth, All White Hickory	No. BG123-40—Octagon No. BG123-50—Oval	Per Doz	$65 25	67 05	68 85
Belknap Special Handles—White, Second Growth Hickory	No. BG123-6—Octagon No. BG123-7 Oval	Per Doz	64 50	66 30	68 10
Pride of Kentucky Handles—White, Good Grade Forest Hickory	No. BG123-63—Octagon No. BG123-64—Oval	Per Doz	62 25	64 05	65 85
UNHANDLED	No. BG123	Per Doz	46 20	48 00	49 80

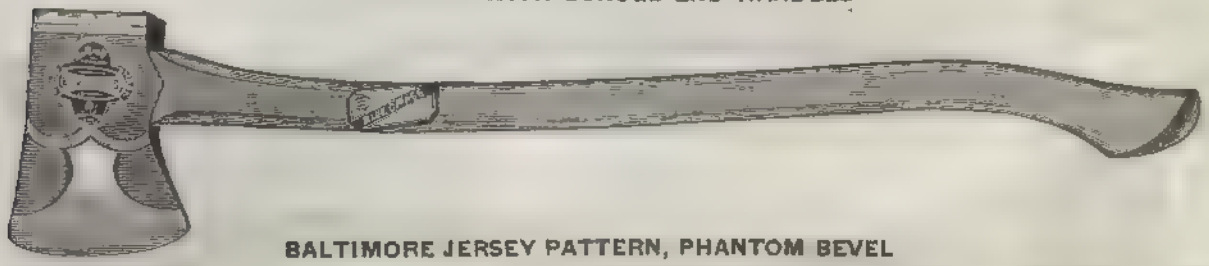
HANDLED WITH STRAIGHT PATTERN, PLAIN END HANDLES



SOUTHERN KENTUCKY PATTERN, PHANTOM BEVEL

Wts (assorted), lbs			3½ to 4½	4 to 5	4½ to 5½
Blue Grass Handles—Super Second Growth, All White Hickory	No. BG123-41—Octagon No. BG123-51—Oval	Per Doz	$65 25	67 05	68 85
Pride of Kentucky Handles—White, Good Grade Forest Hickory	No. BG123-68—Octagon No. BG123-67 Oval	Per Doz	62 25	64 05	65 85
UNHANDLED	No. BG123	Per Doz	46 20	48 00	49 80

HANDLED WITH SCROLL END HANDLES



BALTIMORE JERSEY PATTERN, PHANTOM BEVEL

Wts (assorted), lbs			3 to 4	3½ to 4½	4 to 5
Blue Grass Handles—Super Second Growth, All White Hickory	No. BG143-40—Octagon No. BG143-50—Oval	Per Doz	$63 45	65 25	67 05
Belknap Special Handles—White, Second Growth Hickory	No. BG143-6—Octagon No. BG143-7 Oval	Per Doz	62 70	64 50	66 30
Pride of Kentucky Handles—White, Good Grade Forest Hickory	No. BG143-63—Octagon No. BG143-64—Oval	Per Doz	60 75	62 25	64 05
UNHANDLED	No. BG143	Per Doz	44 40	46 20	48 00

All of above axes packed one doz in wood box.

AXES

—BLUE GRASS—SINGLE BIT. RED AND GOLD BODY, LABELED. FULL POLISHED BIT AND POLL, PAINTED BLUE BEVELS HANDLED WITH SCROLL END HANDLES

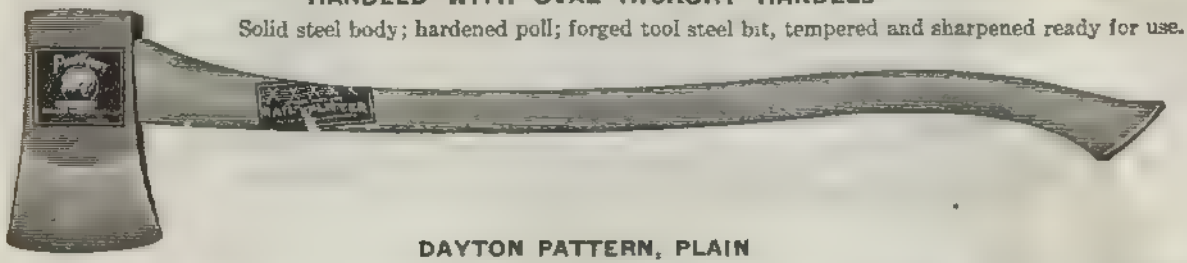
Solid steel body; hardened poll; extra quality crucible steel bit, perfect and uniformly punched eyes; hand tempered and tested; sharpened ready for use.

MICHIGAN PATTERN, PHANTOM BEVEL

Wts assorted, lbs			3 to 4	3½ to 4½	4 to 5
Blue Grass Handles—Super Second Growth, All White Hickory	No. BG153-40—Octa	Per Doz	$63 45	65 25	67 05
	No. BG153-50—Oval				
Belknap Special Handles—White, Second Growth Hickory	No. BG153-6—Octa	Per Doz	62 70	64 50	66 30
	No. BG153-7—Oval				
Pride of Kentucky Handles—White, Good Grade Forest Hickory	No. BG153-63—Octa	Per Doz	60 75	62 25	64 05
	No. BG153-64—Oval				
UNHANDLED	No. BG153	Per Doz	44 40	46 20	48 00

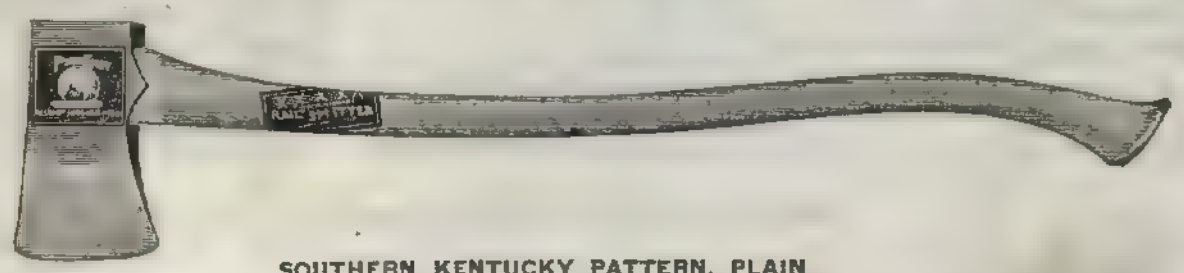
PINE KNOT—SINGLE BIT, GOLD BRONZED LABELED, POLISHED BIT AND HEAD HANDLED WITH OVAL HICKORY HANDLES

Solid steel body; hardened poll; forged tool steel bit, tempered and sharpened ready for use.



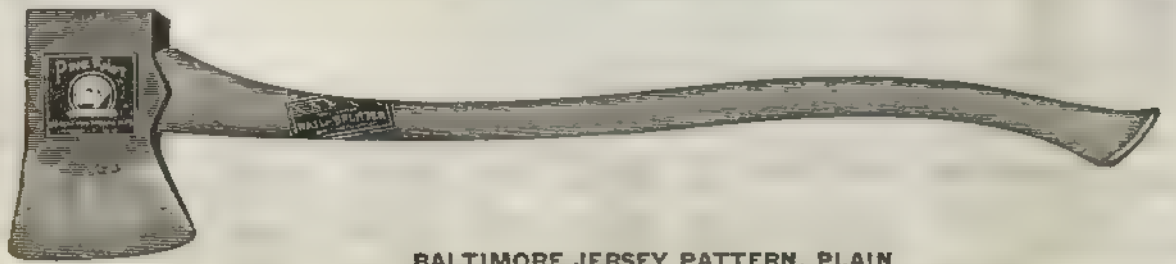
DAYTON PATTERN, PLAIN

Wts (assorted), lbs			3 to 4	3½ to 4½	4 to 5	4½ to 5½
Rail Splitter Handles—White Hickory	No. 911-25	Per Doz	$51 75	53 55	55 35	57 15
UNHANDLED	No. 911	Per Doz	40 50	42 30	44 10	45 90



SOUTHERN KENTUCKY PATTERN, PLAIN

Wts (assorted), lbs			3½ to 4½	4 to 5	4½ to 5½
Rail Splitter Handles—White Hickory	No. 921-25	Per Doz	$53 55	55 35	57 15
UNHANDLED	No. 921	Per Doz	42 30	44 10	45 90



BALTIMORE JERSEY PATTERN, PLAIN

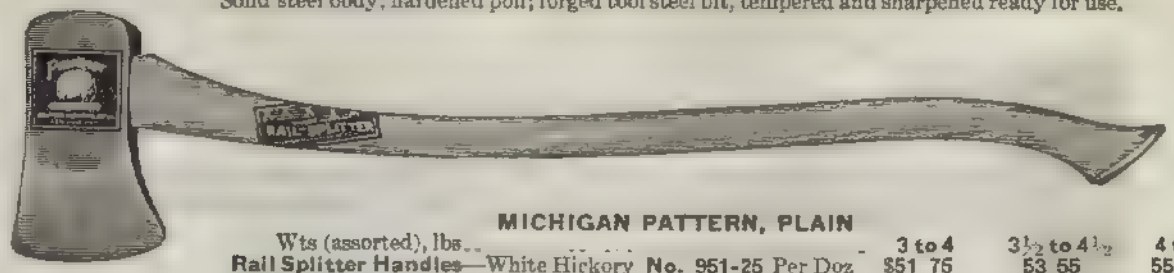
Wts (assorted), lbs			3 to 4	3½ to 4½	4 to 5	4½ to 5½
Rail Splitter Handles—White Hickory	No. 941-25	Per Doz	$51 75	53 55	55 35	57 15
UNHANDLED	No. 941	Per Doz	40 50	42 30	44 10	45 90

All of above axes packed one doz in wood box.

AXES

PINE KNOT—SINGLE BIT, GOLD BRONZED, LABELED, POLISHED BIT AND HEAD HANDLED WITH OVAL HICKORY HANDLES

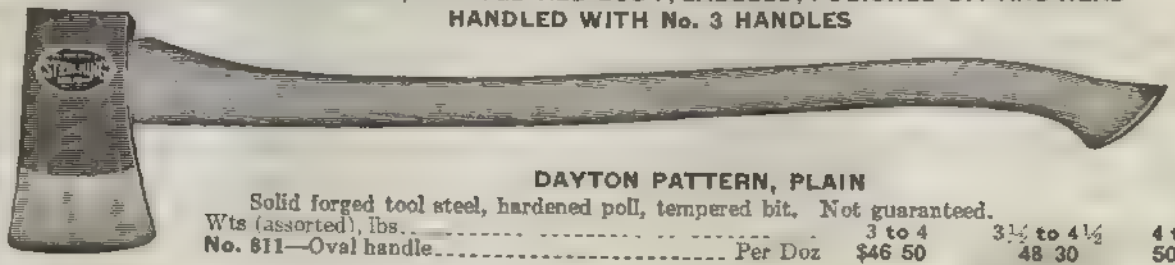
Solid steel body; hardened poll; forged tool steel bit, tempered and sharpened ready for use.



MICHIGAN PATTERN, PLAIN

			3 to 4	3½ to 4½	4 to 5
Wts (assorted), lbs					
Rail Splitter Handles—White Hickory	No. 951-25	Per Doz	$51 75	53 55	55 35
UNHANDLED	No. 951	Per Doz	40 50	42 30	44 10

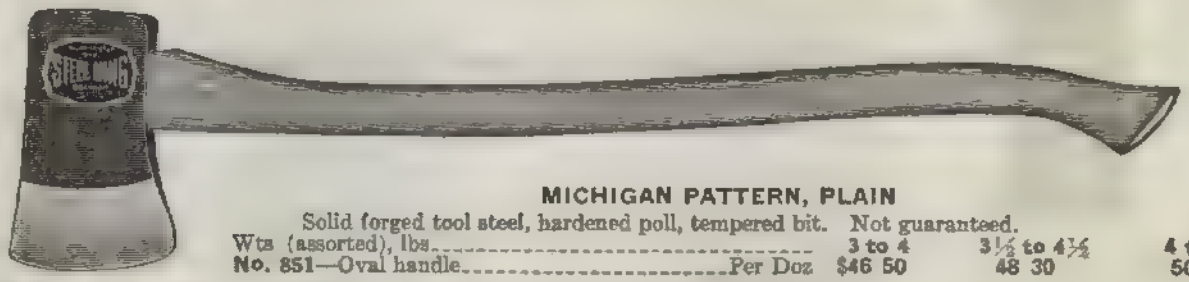
STEEL KING—SINGLE BIT, PAINTED RED BODY, LABELED, POLISHED BIT AND HEAD HANDLED WITH No. 3 HANDLES



DAYTON PATTERN, PLAIN

Solid forged tool steel, hardened poll, tempered bit. Not guaranteed.

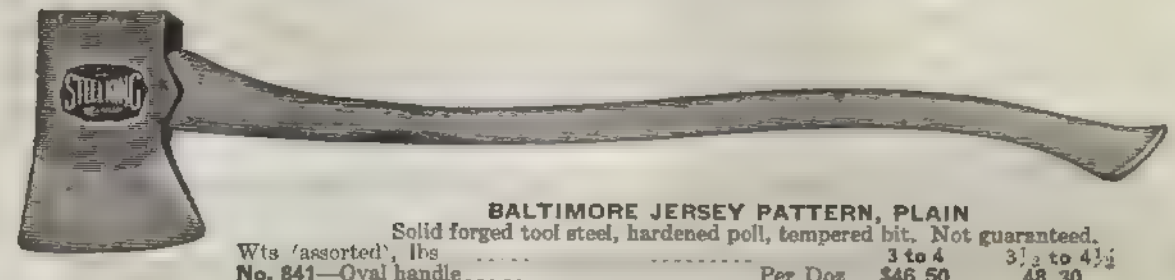
		3 to 4	3½ to 4½	4 to 5
Wts (assorted), lbs				
No. 811—Oval handle	Per Doz	$46 50	48 30	50 10



MICHIGAN PATTERN, PLAIN

Solid forged tool steel, hardened poll, tempered bit. Not guaranteed.

		3 to 4	3½ to 4½	4 to 5
Wts (assorted), lbs				
No. 851—Oval handle	Per Doz	$46 50	48 30	50 10



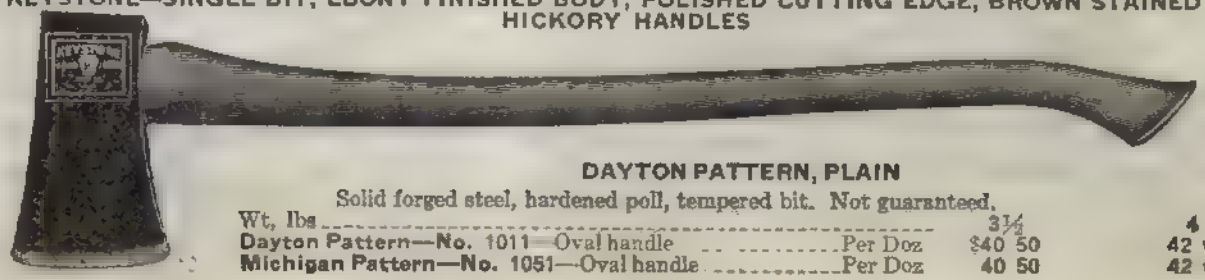
BALTIMORE JERSEY PATTERN, PLAIN

Solid forged tool steel, hardened poll, tempered bit. Not guaranteed.

		3 to 4	3½ to 4½	4 to 5
Wts (assorted), lbs				
No. 841—Oval handle	Per Doz	$46 50	48 30	50 10

All above axes one doz in wood box.

KEYSTONE—SINGLE BIT, EBONY FINISHED BODY, POLISHED CUTTING EDGE, BROWN STAINED HICKORY HANDLES



(Dayton Pattern)

DAYTON PATTERN, PLAIN

Solid forged steel, hardened poll, tempered bit. Not guaranteed.

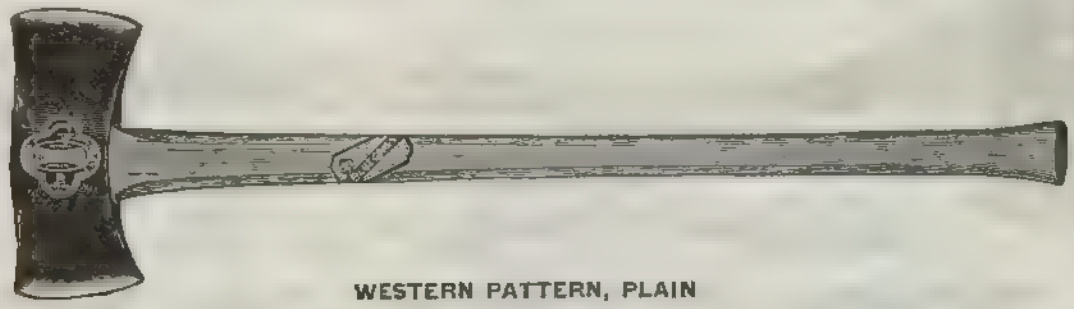
		3½	4
Wt, lbs			
Dayton Pattern—No. 1011—Oval handle	Per Doz	$40 50	42 00
Michigan Pattern—No. 1051—Oval handle	Per Doz	40 50	42 00

Half doz in wood box.

AXES

—BLUE GRASS—DOUBLE BIT. RUSTLESS BLACK FINISH, DEEP ETCHED HANDLED WITH STRAIGHT PATTERN HANDLES

Solid steel body; extra quality crucible steel bit; perfect and uniformly punched eyes; hand tempered and tested; sharpened ready for use.

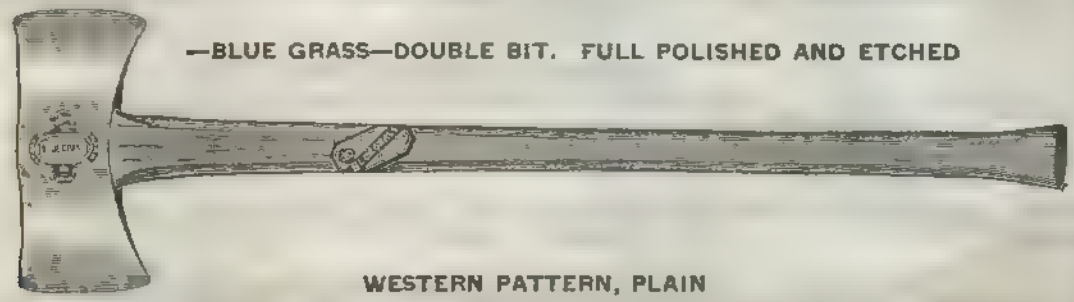


WESTERN PATTERN, PLAIN

Wts (assorted), lbs.			3 to 4	3½ to 4½	4 to 5	4½ to 5½
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG381-40D**—Octa. **No. BG381-50D**—Oval	Per Doz	$81 15	82 95	84 75	[illegible] 55
Belknap Special Handles—White, Second Growth Hickory	**No. BG381-16**—Octa. **No. BG381-17**—Oval	Per Doz	80 40	82 20	84 00	[illegible]
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG381-65**—Octa. **No. BG381-66**—Oval	Per Doz	78 15	79 95	81 75	83 55
UNHANDLED	**No. BG381**	Per Doz	62 10	63 90	65 70	67 50

MICHIGAN PATTERN, PLAIN

Wts (assorted), lbs.			3 to 4	3½ to 4½	4 to 5	4½ to 5½
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG391-40D**—Octa. **No. BG391-50D**—Oval	Per Doz	$81 15	82 95	84 75	86 55
Belknap Special Handles—White, Second Growth Hickory	**No. BG391-16**—Octa. **No. BG391-17**—Oval	Per Doz	80 40	82 20	84 00	85 80
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG391-65**—Octa. **No. BG391-66**—Oval	Per Doz	78 15	79 95	81 75	83 55
UNHANDLED	**No. BG391**	Per Doz	62 10	63 90	65 70	67 50



—BLUE GRASS—DOUBLE BIT. FULL POLISHED AND ETCHED

WESTERN PATTERN, PLAIN

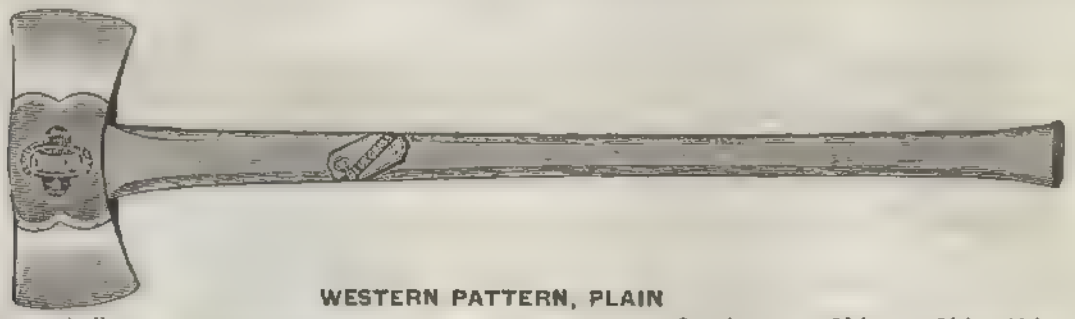
Wts (assorted), lbs.			3 to 4	3½ to 4½	4 to 5
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG281-40D**—Octa. **No. BG281-50D**—Oval	Per Doz	$81 15	82 95	84 75
Belknap Special Handles—White, Second Growth Hickory	**No. BG281-16**—Octagon **No. BG281-17**—Oval	Per Doz	80 40	82 20	84 00
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG281-65**—Octagon **No. BG281-66**—Oval	Per Doz	78 15	79 95	81 75
UNHANDLED	**No. BG281**	Per Doz	62 40	64 20	66 00

All of above axes packed one doz in wood box.

AXES

—BLUE BRASS—DOUBLE BIT. RED AND GOLD FINISH, LABELED FULL POLISHED BITS HANDLED WITH STRAIGHT PATTERN HANDLES

Solid steel body; extra quality crucible steel bit; perfect and uniformly punched eyes; hand tempered and tested; sharpened ready for use.



WESTERN PATTERN, PLAIN

Wts (assorted), lbs.			3 to 4	3½	3½ to 4½	4
Blue Grass Handles—Super Second Growth, All White Hickory	No. BG181-400—Octa. No. BG181-500—Oval	Per Doz	$77 55	77 55	79 35	79 35
Belknap Special Handles—White, Second Growth Hickory	No. BG181-16—Octa. No. BG181-17—Oval	Per Doz	76 80	76 80	78 60	78 60
Pride of Kentucky Handles—White, Good Grade Forest Hickory	No. BG181-65—Octa. No. BG181-66—Oval	Per Doz	74 55	74 55	76 35	76 35
UNHANDLED	No. BG181	Per Doz	58 50	58 50	60 30	60 30

Wts (assorted), lbs.			4 to 5	4½	4½ to 5½
Blue Grass Handles—Super Second Growth, All White Hickory	No. BG181-400—Octa. No. BG181-500—Oval	Per Doz	$81 15	81 15	82 95
Belknap Special Handles—White, Second Growth Hickory	No. BG181-16—Octa. No. BG181-17—Oval	Per Doz	80 40	80 40	82 20
Pride of Kentucky Handles—White, Good Grade Forest Hickory	No. BG181-65—Octa. No. BG181-66—Oval	Per Doz	78 15	78 15	79 95
UNHANDLED	No. BG181	Per Doz	62 10	62 10	63 90

MICHIGAN PATTERN, PLAIN

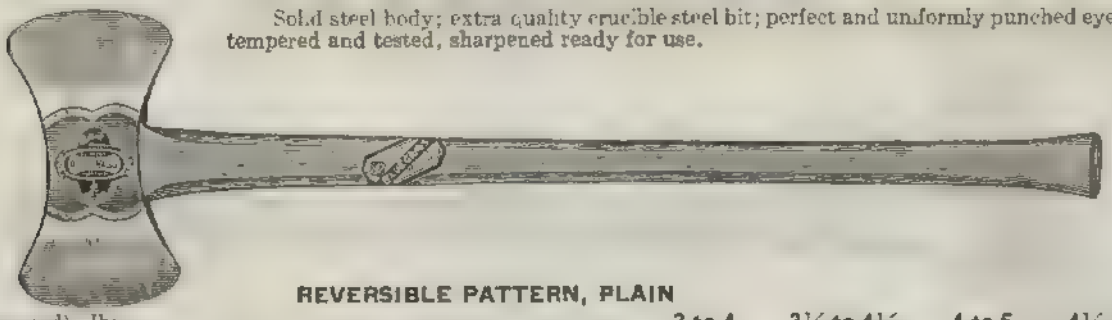
Wts (assorted), lbs.			3 to 3½	3 to 4	3½	3½ to 4½
Blue Grass Handles—Super Second Growth, All White Hickory	No. BG191-400—Octa. No. BG191-500—Oval	Per Doz	$77 55	77 55	77 55	79 35
Belknap Special Handles—White, Second Growth Hickory	No. BG191-16—Octa. No. BG191-17—Oval	Per Doz	76 80	76 80	76 80	78 60
Pride of Kentucky Handles—White, Good Grade Forest Hickory	No. BG191-65—Octa. No. BG191-66—Oval	Per Doz	74 55	74 55	74 55	76 35
UNHANDLED	No. BG191	Per Doz	58 50	58 50	58 50	60 30

Wts (assorted), lbs			4	4 to 5	4½	4½ to 5½
Blue Grass Handles—Super Second Growth, All White Hickory	No. BG191-400—Octa. No. BG191-500—Oval	Per Doz	$79 35	81 15	81 15	82 95
Belknap Special Handles—White, Second Growth Hickory	No. BG191-16—Octa. No. BG191-17—Oval	Per Doz	78 60	80 40	80 40	82 20
Pride of Kentucky Handles—White, Good Grade Forest Hickory	No. BG191-65—Octa. No. BG191-66—Oval	Per Doz	76 35	78 15	78 15	79 95
UNHANDLED	No. BG191	Per Doz	60 30	62 10	62 10	63 90

All of above axes packed one doz in wood box.

AXES

—BLUE GRASS—DOUBLE BIT. RED AND GOLD FINISH, LABELED FULL POLISHED BITS HANDLED WITH STRAIGHT PATTERN HANDLES



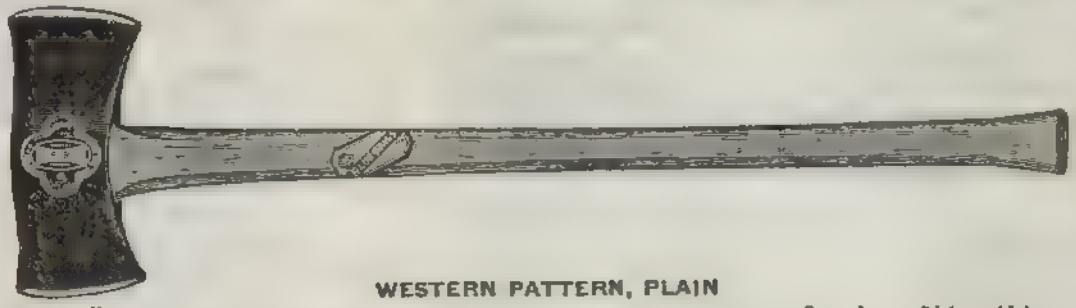
Solid steel body; extra quality crucible steel bit; perfect and uniformly punched eyes; hand tempered and tested, sharpened ready for use.

REVERSIBLE PATTERN, PLAIN

Wts (assorted), lbs			3 to 4	3½ to 4½	4 to 5	4½ to 5½
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG101-40D**—Octa. / **No. BG101-50D**—Oval	Per Doz	$77 55	79 35	81 15	82 95
Belknap Special Handles—White, Second Growth Hickory	**No. BG101-16**—Octa. / **No. BG101-17**—Oval	Per Doz	76 80	78 60	80 40	82 20
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG101-65**—Octa. / **No. BG101-66**—Oval	Per Doz	74 55	76 35	78 15	79 95
UNHANDLED	**No. BG101**	Per Doz	58 50	60 30	62 10	63 90

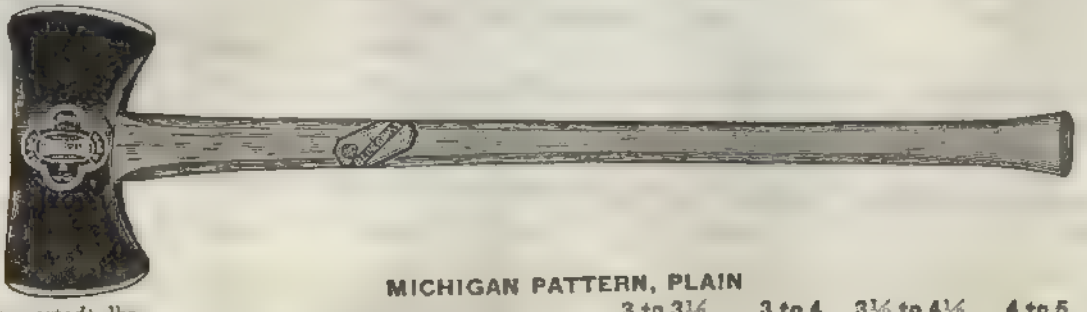
—BLUE GRASS—DOUBLE BIT. HAND MADE. GUN METAL FINISH, LABELED HANDLED WITH STRAIGHT PATTERN HANDLES

Solid steel body; extra quality crucible steel bit; perfect and uniformly punched eyes; hand tempered and tested; sharpened ready for use.



WESTERN PATTERN, PLAIN

Wts (assorted), lbs			3 to 4	3½ to 4½	4 to 5
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG481-40D**—Octa. / **No. BG481-50D** Oval	Per Doz	$77 55	79 35	81 15
Belknap Special Handles—White, Second Growth Hickory	**No. BG481-16**—Octa. / **No. BG481-17** Oval	Per Doz	76 80	78 60	80 40
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG481-65**—Octa. / **No. BG481-66** Oval	Per Doz	74 55	76 35	79 50
UNHANDLED	**No. BG481**	Per Doz	58 50	60 30	62 10



MICHIGAN PATTERN, PLAIN

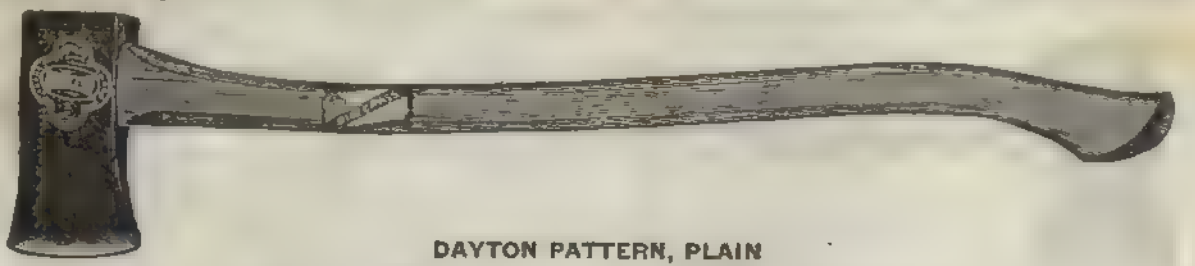
Wts (assorted), lbs			3 to 3½	3 to 4	3½ to 4½	4 to 5	4½ to 5½
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG491-40D**—Octa. / **No. BG491-50D** Oval	Per Doz	$77 55	77 55	79 35	81 15	82 95
Belknap Special Handles—White, Second Growth Hickory	**No. BG491-16** Octa. / **No. BG491-17** Oval	Per Doz	76 80	76 80	78 60	80 40	82 20
Pride of Kentucky Handles—White, Good Grade Forest Hickory.	**No. BG491-65**—Octa. / **No. BG491-66**—Oval	Per Doz	74 55	74 55	76 35	78 15	79 95
UNHANDLED	**No. BG491**	Per Doz	58 50	58 50	60 30	62 10	63 90

All of above axes packed one doz in wood box.

AXES

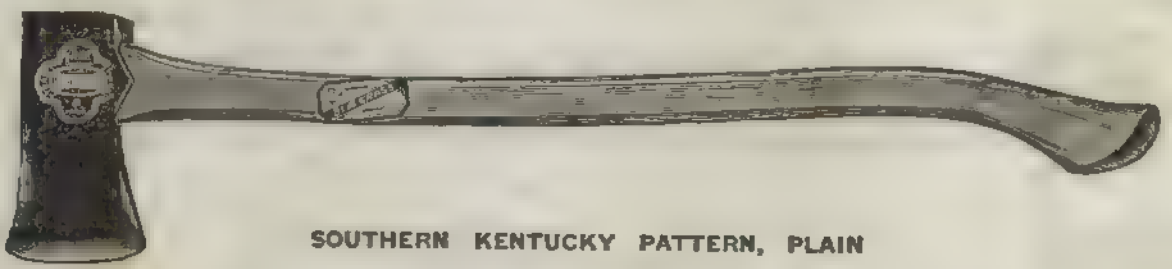
—BLUE GRASS—SINGLE BIT. RUSTLESS BLACK FINISH, DEEP ETCHED HANDLED WITH SCROLL END HANDLES

Solid steel body; hardened poll; extra quality crucible steel bit; perfect and uniformly punched eyes; hand tempered and tested; sharpened ready for use.



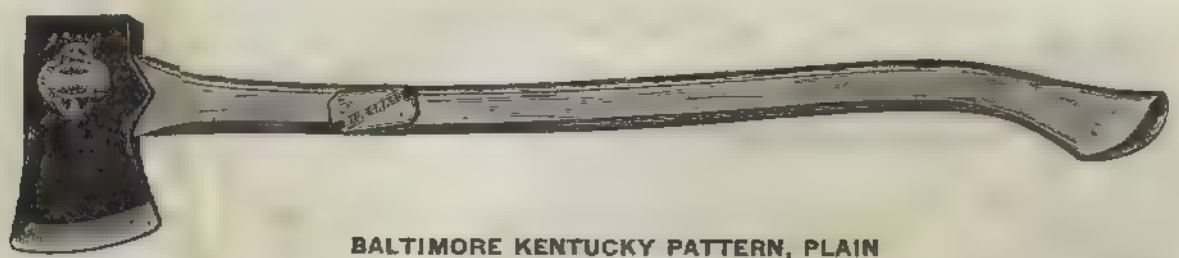
DAYTON PATTERN, PLAIN

Wt (assorted), lbs.			3 to 4	3½ to 4½	4 to 5	4½ to 5½
Blue Grass Handles—Super Second Growth, All White Hickory	No. BG311-40—Octa. / No. BG311-50—Oval.	Per Doz	$66 15	67 95	69 75	71 55
Belknap Special Handles—White, Second Growth Hickory	No. BG311-6—Octa. / No. BG311-7—Oval.	Per Doz	65 40	67 20	69 00	70 80
Pride of Kentucky Handles—White, Good Grade Forest Hickory	No. BG311-63—Octa. / No. BG311-64—Oval	Per Doz	63 15	65 25	66 75	68 55
UNHANDLED	No. BG311	Per Doz	47 10	48 90	50 70	52 50



SOUTHERN KENTUCKY PATTERN, PLAIN

Wt (assorted), lbs.			3½ to 4½	4 to 5	4½ to 5½
Blue Grass Handles—Super Second Growth, All White Hickory	No. BG321-40—Octa. / No. BG321-50—Oval.	Per Doz	$67 95	78 05	71 85
Belknap Special Handles—White, Second Growth Hickory	No. BG321-6—Octa. / No. BG321-7—Oval.	Per Doz	67 20	69 00	70 80
Pride of Kentucy Handles—White, Good Grade Forest Hickory	No. BG321-63—Octa. / No. BG321-64—Oval.	Per Doz	64 95	67 05	68 70
UNHANDLED	No. BG321	Per Doz	48 90	60 70	52 50



BALTIMORE KENTUCKY PATTERN, PLAIN

Wt (assorted), lbs.			3½ to 4½	4 to 5
Blue Grass Handles—Suer Second Growth All White Hickory	No. BG331-40—Octa. / No. BG331-50—Oval.	Per Doz	$67 95	69 75
Belknap Special Handles—White, Second Growth Hickory	No. BG331-6—Octa / No. BG331-7 Oval	Per Doz	67 20	69 00
Pride Of Kentucky Hadles—White, Good Grade Forest Hickory	No. BG331-63—Octa. / No. BG331-64—Oval	Per Doz	64 95	66 75
UNHANDLED	No. BG331	Per Doz	48 90	50 70

All axes on this page packed one dozen in a box.

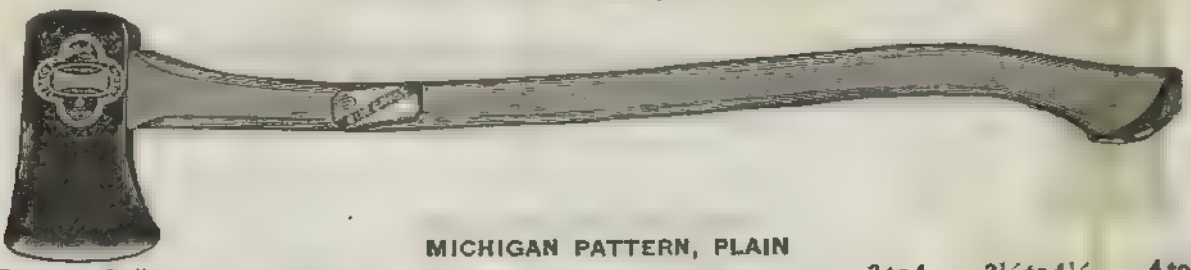
AXES

—BLUE GRASS—SINGLE BIT

HANDLED WITH SCROLL END HANDLES

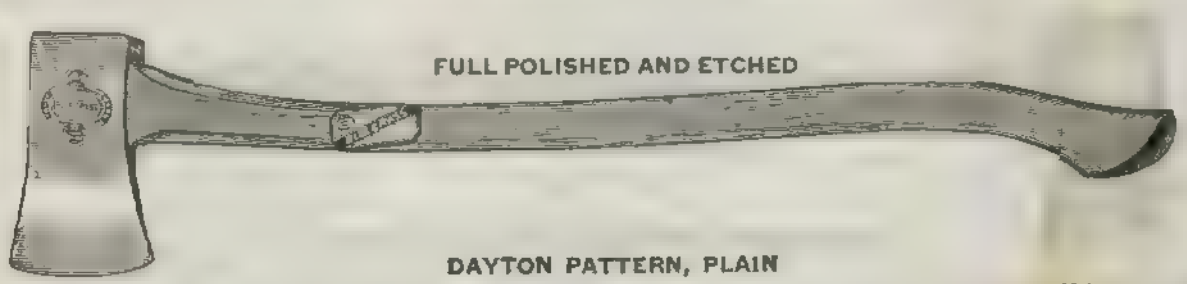
Solid steel body; hardened poll; extra quality crucible steel bit; perfect and uniformly punched eyes; hand tempered and tested; sharpened ready for use.

RUSTLESS BLACK FINISH, DEEP ETCHED



MICHIGAN PATTERN, PLAIN

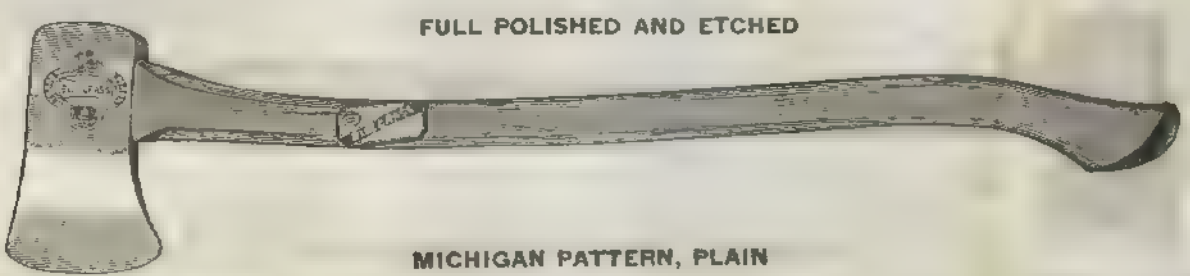
Wt (assorted), lbs.			3 to 4	3½ to 4½	4 to 5
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG351-40** Octa **No. BG351-50** Oval	Per Doz	$66 15	67 95	69 75
Belknap Special Handles—White, Second Growth Hickory	**No. BG351-6**—Octa **No. BG351-7**—Oval	Per Doz	65 40	67 20	69 00
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG351-63**—Octa **No. BG351-64**—Oval	Per Doz	63 15	64 95	66 75
UNHANDLED	**No. BG351**	Per Doz	47 10	48 90	50 70



FULL POLISHED AND ETCHED

DAYTON PATTERN, PLAIN

Wt (assorted), lbs.			3 to 4	3½ to 4½	4 to 5
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG211-40** Octa **No. BG211-50**—Oval	Per Doz	$64 35	66 15	67 95
Belknap Special Handles—White, Second Growth Hickory	**No. BG211-6** Octa **No. BG211-7**—Oval	Per Doz	63 60	6540	67 20
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG211-63** Octa **No. BG211-64**—Oval	Per Doz	61 35	63 15	64 95
UNHANDLED	**No. BG211**	Per Doz	45 30	47 10	48 60



FULL POLISHED AND ETCHED

MICHIGAN PATTERN, PLAIN

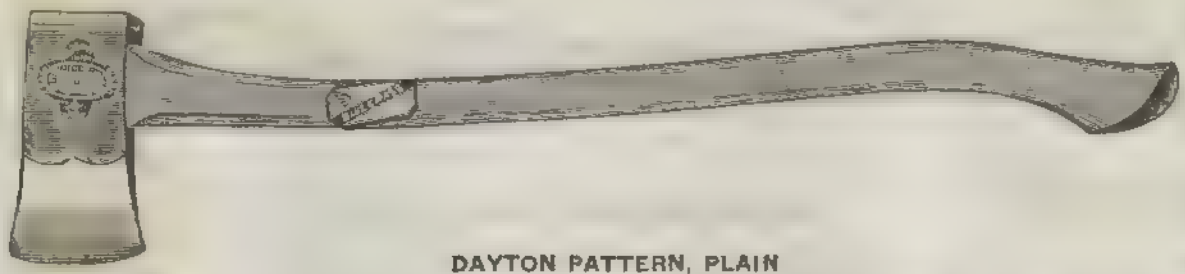
Wts (assorted), lbs.			3 to 4	3½ to 4½	4 to 5
Blue Grass Handles—Super Second Growth, all White Hickory	**No. BG251-40**—Octa **No. BG251-50**—Oval	Per Doz	$64 35	66 15	67 95
Belknap Special Handles—White Second Growth Hickory	**No. BG251-6**—Octa **No. BG251-7**—Oval	Per Doz	63 60	65 40	67 20
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG251-63**—Octa **No. BG251-64**—Oval	Per Doz	61 35	63 15	64 95
UNHANDLED	**No. BG251**	Per Doz	45 30	47 10	48 60

All of above axes packed one doz in wood box.

AXES

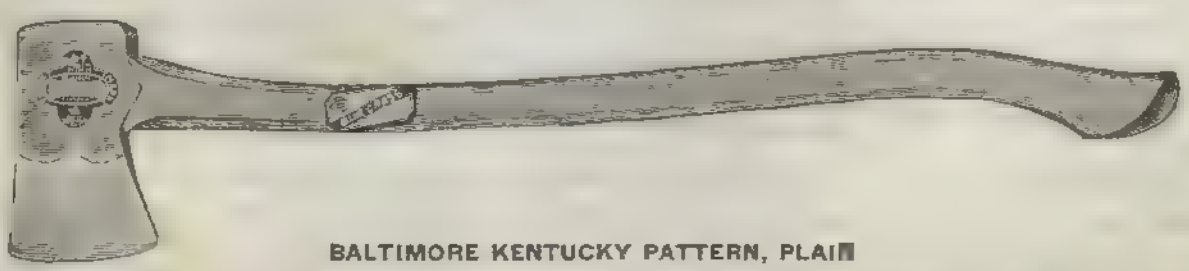
—BLUE GRASS—SINGLE BIT. RED AND GOLD FINISH, LABELED. FULL POLISHED BIT AND POLL HANDLED WITH SCROLL END HANDLES

Solid steel body, hardened pole; extra quality crucible steel bit; perfect and uniformly punched eyes; hand tempered and tested; sharpened ready for use.



DAYTON PATTERN, PLAIN

Wts (assorted), lbs			3 to 3½	3½	3 to 4
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG111-40** Octa. **No. BG111-50**—Oval	Per Doz	$62 55	62 55	62 55
Belknap Special Handles—White, Second Growth Hickory	**No. BG111-6**—Octa. **No. BG111-7**—Oval	Per Doz	61 80	61 80	61 80
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG111-63**—Octa. **No. BG111-64**—Oval	Per Doz	59 55	59 55	59 55
UNHANDLED	**No. BG111**	Per Doz	43 50	43 50	43 50
Wts (assorted), lbs			4	3½ to 4½	4½
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG111-40** Octa. **No. BG111-50** Oval	Per Doz	$64 35	64 35	66 15
Belknap Special Handles—White, Second Growth Hickory	**No. BG111-6**—Octa. **No. BG111-7** Oval	Per Doz	63 60	63 60	65 40
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG111-63**—Octa. **No. BG111-64**—Oval	Per Doz	61 35	61 35	63 15
UNHANDLED	**No. BG111**	Per Doz	45 30	45 30	47 10
Wts (assorted), lbs			4 to 5	4½ to 5½	4½ to 6
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG111-40** Octa. **No. BG111-50**—Oval	Per Doz	$66 15	67 95	67 95
Belknap Special Handles—White, Second Growth Hickory	**No. BG111-6** Octa. **No. BG111-7**—Oval	Per Doz	65 40	67 20	67 20
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG111-63** Octa. **No. BG111-64**—Oval	Per Doz	63 15	64 95	64 95
UNHANDLED	**No. BG111**	Per Doz	47 10	48 90	48 90



BALTIMORE KENTUCKY PATTERN, PLAIN

			3 to 4	3½ to 4½	4 to 5	4½ to 5½
Wts (assorted), lbs						
Blue Grass Handles—Super Second Growth, All White Hickory	**No. BG131-40**—Octa. **No. BG131-50**—Oval	Per Doz	$62 55	64 35	66 15	67 95
Belknap Special Handles—White, Second Growth Hickory	**No. BG131-6**—Octa. **No. BG131-7** Oval	Per Doz	61 80	63 60	65 40	67 20
Pride of Kentucky Handles—White, Good Grade Forest Hickory	**No. BG131-63**—Octa. **No. BG131-64**—Oval	Per Doz	59 85	61 35	63 15	64 95
UNHANDLED	**No. BG131**	Per Doz	43 50	45 30	47 10	48 90

All of above axes packed one doz in wood box.

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

WOOD JUNIOR

SHADE—Oblong, 21 inch shade. Powder blue pleated georgette and fancy lace panels over rose sateen lining and innerlining; wide band at bottom and gold tinsel trimmed, 6 inch silk fringe.

BASE—Gold burnished finish hardwood standard and base; two chain pull sockets; height 63 inches; 8 feet of silk covered cord and separable attachment plug

	Each
No. 14026B-5731F Complete	$23 40
No. 5731F—Shade only	10 50
No. 14026B—Base only	12 90

Standard and base crated, shade in carton; wt each 15 lbs.

WOOD JUNIOR

SHADE—Oblong, 16 inch shade. Rose georgette top, black fancy lace panels; rose voile innerlining; rose rayon lining; top and bottom, fancy braid trimming and edged off with 5 inch glass fringe.

BASE—Mahogany finish hardwood standard and base; two chain pull sockets; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 3M-9008BGF—Complete	$33 90
No. 9008BGF Shade	19 20
No. 3M Base	14 70

Standard and base crated, shade in carton; wt each 15 lbs.

WOOD FLOOR

SHADE—Round 26 inch shade. Mulberry georgette and fancy floral lace panels over orange sateen lining and mulberry inner-lining, trimmed with tinsel braid, 6 inch silk fringe.

BASE—Mahogany rubbed finish hardwood standard and base; two chain pull sockets; height 68 inches; 8 feet of silk covered cord and separable attachment plug.

Without Decorations.

	Each
No. 4M-8009F Complete	$42 15
No. 8009F Shade only	24 90
No. 4M—Base only	17 25

Standard and base crated, shade in carton; wt each 20 lbs.

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

WOOD FLOOR

SHADE—Round 26 inch shade. Mulberry georgette and fancy floral lace panels over orange sateen lining and mulberry innerlining; trimmed with tinsel braid; 6 inch silk fringe.

BASE—Mahogany rubbed finish hardwood standard and base with Japanese decorations; two chain pull sockets; height 68 inches; 8 feet of silk covered cord and separable attachment plug.

With Japanese Decorations.

	Each
No. 4J-8009F—Complete	$45 15
No. 8009F—Shade only	24 90
No. 4J—Base only	20 25

Standard and base crated, shade in carton; wt each 20 lbs.

WOOD JUNIOR

SHADE—Oblong. Pleated rose amber shaded georgette outer covering, rose rayon silk lining and interlining. 6 inch two tone heavy silk fringe.

BASE—Hardwood. Two light pull chain sockets. Complete with 8 feet of silk covered cord with separable attachment plug. Height over all 63 inches.

Complete.	Each
No. 1406M-306F—Mahogany finish base	$40 50
No. 1406G-306F—Gold stippled finish base	40 50
No. 1406W-306F—Walnut finish base	40 50

Base Only.	Each
No. 1406M—Mahogany finish	$18 75
No. 1406W—Walnut finish	18 75
No. 1406G—Gold finish	18 75

Shade Only.	Each
No. 306F—Length 20 ins; width 14 ins	$24 75

Base crated, shade in carton; wt complete 20 lbs.

WOOD FLOOR

SHADE—Oblong 18 inches. Outer covering, sand georgette pleated; interlining, orange rayon; lining, orange faille silk lining. Finished with heavy 6 inch silk fringe, decorated with a 3 inch taupe velvet cut out banding. Ruching at collar.

BASE—Dull rubbed hand carved solid mahogany standard and base; two chain pull sockets and cord with amber glass teardrops; height 64 inches; 7 feet of silk covered cord and separable attachment plug.

	Each
No. 939J-309F—Complete	$78 30
No. 309F Shade	39 30
No. 939J—Base	39 00

Standard and base crated; shade in carton; wt each 12 lbs

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

WOOD JUNIOR

SHADE—Diameter 20 inches; rayola cover and lining; pleated cover, trimmed with frieze and lace edging.

BASE—Hardwood standard and base; two chain pull sockets with silk cord and amber glass tear drops; height 63 inches; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 999-R20RR—Complete	$59 25
No. R-20RR—Shade	20 25
No. 999—Base	39 00

Standard and base crated; shade in carton; wt each 12 lbs.

For Best radio reception, tune—in with an **Old Kentucky Home Set.**

WOOD BRIDGE

SHADE—Size 13½x8¼ inches; mull top and lining; black band top and bottom.

BASE—Hardwood standard; one chain pull socket; height 57 inches; 7 feet of silk covered cord and separable attachment plug.

Metal Base.

	Each
No. B10½GS-B500B—Complete	$12 45
No. B500B—Blue shade	3 00
No. B10½GS—Gold stippled base	9 45

Metal Base.

	Each
No. B10½M-B500G—Complete	$12 45
No. B500G—Gold shade	3 00
No. B10½M—Mahogany base	9 45

Wood Base.

	Each
No. B10½MW-B500R—Complete	$12 45
No. B500R—Rose shade	3 00
No. B10½MW—Mahogany finish	9 30

Standard and base crated; shade in carton; wt each 12 lbs.

WOOD BRIDGE

SHADE—Oblong, 14 inch shade. Black georgette over orange sateen lining and innerlining; gold braid trimmed; 6 inch silk fibre fringe.

BASE—Hardwood standard and base, one chain pull socket; height 55 inches; 8 feet of silk covered cord and separable attachment plug.

Walnut Finish.

	Each
No. B1401W-B512F—Complete	$18 45
No. B512F—Shade only	6 75
No. B1401W Base only	11 70

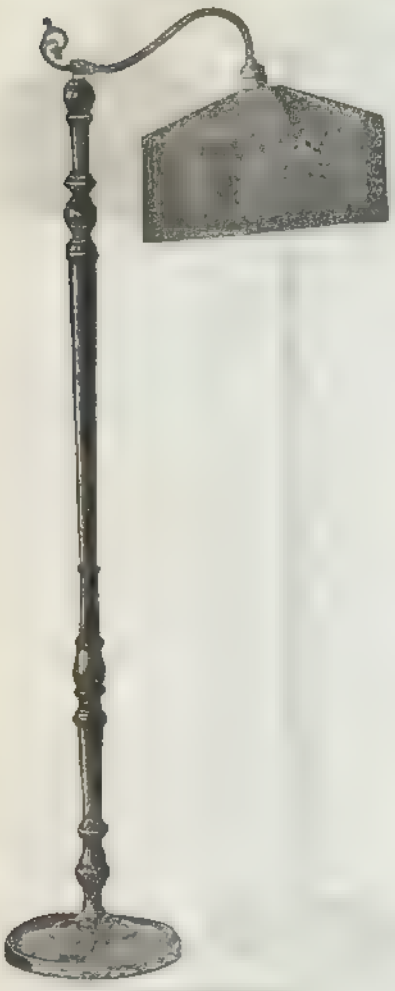
Mahogany Finish.

	Each
No. B1401M-B512F—Complete	$18 45
No. B512F—Shade	6 75
No. B1401M—Base	11 70

Standard and base crated, shade in carton; wt each 15 lbs.

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.



WOOD BRIDGE

SHADE—Oblong, 14 inch shade. Black georgette with center panels of floral fancy lace over orange sateen lining and innerlining; antique chenille braid trimmed; silk fibre and gold bullion fringe.

BASE—Gold burnished finish hardwood standard and base; one chain pull socket; height 58 inches; 8 feet of silk covered cord and separable attachment plug.

	Each
No. B1402GB-B160BF—Complete	$22 35
No. B160BF—Shade only	9 45
No. B1402GB—Base only	12 90

Standard and base crated, shade in carton; wt each 15 lbs

WOOD BRIDGE

SHADE—Rose georgette top, black, fancy lace panels; rose voile inner lining; rose rayon lining; top and bottom fancy braid trimmed and edged off with 5 inch glass fringe.

BASE—Mahogany finish hardwood standard and base; one chain pull socket; height 58 inches; 8 feet of silk covered cord with separable attachment plug.

	Each
No. B3M-B9008GF—Complete	$32 70
No. B9008GF—Shade	15 15
No. B3M—Base	14 55

Standard and base crated; shade in carton; wt each 15 lbs.

WOOD BRIDGE

SHADE—Size 20x14 inches; outer covering, pleated rose ombre, (shaded georgette); interlining, rose rayon; lining, rose rayon drum lining. Finished with a 6 inch two tone heavy silk fringe.

BASE—Hardwood; one light pull chain socket; height 60 inches; 7 feet of silk covered cord with separable attachment plug.

Complete.

	Each
No. B1406G-B306F—Gold stippled finish base	$33 75
No. B1406M-B306F—Mahogany finish base	33 75
No. B1406W-B306F—Walnut finish base	33 75

Base Only.

	Each
No. B1406G—Gold finish	$18 90
No. B1406M—Mahogany finish	18 90
No. B1406W—Walnut finish	18 90

Shade Only.

	Each
No. B306F	$14 85

Standard and base crated; shade in carton; wt each 12 lbs.

New designs, new colors in shades and bases give the Belknap line of Portable Lamps an assortment of popular sellers and Special Sales leaders that are hard to pass up.

Both in metal and wood bases every one is a Big Seller.

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

WOOD BRIDGE

SHADE—Diameter 12 inches; rayola cover and lining; pleated cover, trimmed with frieze and lace edging.

BASE—Dull rubbed hand covered solid mahogany standard and base; one chain pull socket and cord with amber glass teardrops; height 58 inches; 6 feet of silk covered cord with separable attachment plug.

	Each
No. B939-R12RR—Complete	$50 25
No. R12RR—Shade	11 25
No. B939—Base	39 00

Standard and base crated; shade in carton; wt each 12 lbs.

WOOD BRIDGE

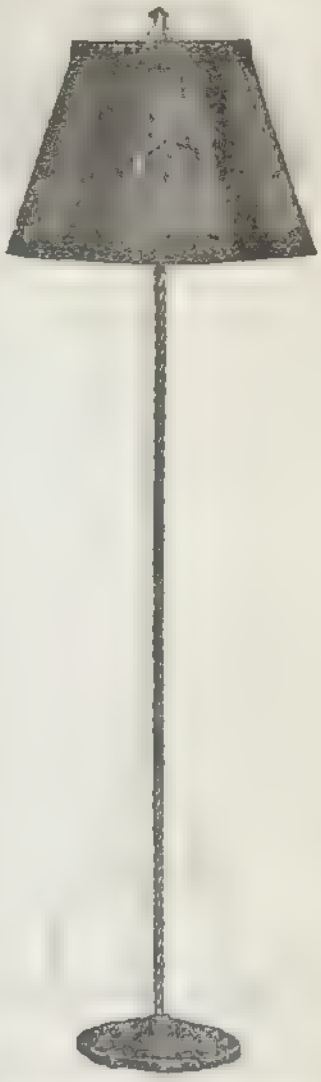
SHADE—Size 12x12 inches; cute covering, sand georgette pleated; interlining, orange rayon; lining orange faille silk lining.

Finished with heavy 6 inch silk fringe, decorated with a 3 inch taupe velvet cut banding; ruching at collar.

BASE—Hardwood standard and base, mahogany finish; one light chain pull socket; height 57 inches; 6½ feet of silk covered cord with separable attachment plug.

	Each
No. B999-B309F Complete	$65 40
No. B309F—Shade	26 40
No. B999—Base	39 00

Standard and base crated; shade in carton; wt each 12 lbs.



WROUGHT IRON JUNIOR

SHADE—Oval 18 inch shade. Shirred rose mull silk face and lining, antique gold braid at top and bottom, floral decoration.

BASE—Antique gold finish twisted standard, gold and polychrome finish fancy base; key socket; height 62 inches 6 feet of silk covered cord and separable attachment plug.

One Light.

	Each
No. JRIG-1-16M—Complete	$ 7 95
No. 16M—Shade	5 10
No. JRIG-1 Base	3 90

Two Lights.

	Each
No. JRIG-2-16M—Complete	$10 35
No. 16M—Shade	5 10
No. JRIG-2—Base	5 25

One in carton; wt each 5 lbs.

Shades in round, oblong, square and octagon shapes all correctly matches with bases, representing Values equalled by none

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

WROUGHT IRON JUNIOR

SHADE—Floral design, 18 inch shade. Chintz cretonne covered parchment, metal bound top and bottom.

BASE—Swedish wrought iron standard and tripod base; two chain pull sockets; height 62 inches; 6 feet of silk covered cord and separable attachment plug.

	Each
No. JRSIH-2-18CC—Complete	$15 15
No. 18CC—Shade	7 65
No. JRSIH-2—Base	7 50

Standard and base crated, shade in carton; wt each 18 lbs.

WROUGHT IRON JUNIOR

SHADE—Diameter 18 inches; parchment shade with colored pen and ink scene; braid on top and bottom.

BASE—Metal, rope design standard, gold polychrome sprayed finish; height 62 inches; two chain pull sockets; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 25-115-18PIC—Complete	$14 40
No. 18PIC—Shade	4 80
No. 25-115—Base	9 60

SHADE—Diameter 12 inches; polychrome finish with floral and butterfly decorations, two tone ruching and gold braid around bottom, brown velvet around top.

BASE—Metal, rope design standard, gold polychrome sprayed finish; height 62 inches; two chain pull sockets; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 25-115-2446—Complete	$21 15
No. 2446—Shade	11 55
No. 25-115—Base	9 60

Standard and base crated; shade in carton; wt each 12 lbs

METAL JUNIOR

SHADE—Diameter 18 inches; outer covering, pleated taupe georgette, interlining orange rayon; lining, orange rayon. Finished with a two inch silk band trimming top and bottom.

BASE—Gold polychrome sprayed finish; two chain pull sockets; height 64 inches; 6½ feet of silk covered cord and separable attachment plug.

	Each
No. 272-107—Complete	$27 75
No. 107—Shade	14 85
No. 272—Base	12 90

Standard and base crated; shade in carton; wt each 12 lbs.

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

METAL JUNIOR

SHADE—Square, width across bottom 18 inches; width across top 12¾ inches; outer covering, black georgette; rose georgette panels over rose sateen lining; top and bottom trimmed with wide black band.

BASE—Metal, rope design standard, brass plated finish; two chain pull sockets; height 64 inches; 6½ feet of silk covered cord and separable attachment plug.

	Each
No. 9128-3002—Complete	$20 85
No. 3002—Shade	9 45
No. 9128—Base	11 40

Standard and base crated, shade in carton; wt each 12 lbs.

METAL JUNIOR

SHADE—Diameter 18 inches; outer covering embossed rose rayon over stretched rose baronette.

BASE—Metal, fancy design standard, brass plated finish; two chain pull sockets; height 64 inches; 6½ feet of silk covered cord and separable attachment plug.

	Each
No. 9136-1002—Complete	$25 65
No. 1002—Shade	9 90
No. 9136—Base	15 75

Standard and base crated, shade in carton; wt each 12 lbs.

METAL JUNIOR

SHADE—Oblong, size 21½x17 inches; mulberry georgette top, pleated sunburst of mulberry georgette; rose voile inner-lining; rose rayon lining; trimmed with wide band bordering bottom, finished with mulberry 6 inch fringe.

BASE—Swedish wrought iron standard and tripod base; two chain pull sockets; height 62 inches; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 77G-538F—Complete, Gold finish base	$31 65
No. 77S-538F—Complete, Silver finish base	34 05
No. 538F—Shade only	15 15
No. 77G—Base, gold finish	16 50
No. 77S—Base, silver finish	18 90

Standard and base crated, shade in carton; wt each 12 lbs.

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

METAL JUNIOR

SHADE—Georgette outer covering, tub silk lining, monkey skin georgette interlining; fancy ruching to match on top and bottom; flat scallops. Sand color outer cover; peach lining, rose interlining. Diameter 18 inches.

BASE—Metal statuary bronze finish; height 63 inches. Two chain pull sockets; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 2102—Base	$14 10
No. 2106—Shade	18 45
No. 2102-2106—Complete	32 55

Standard and base crated; shade in carton; wt each 12¾ lbs.

METAL JUNIOR

SHADE—Size 18x14 inches; outer covering, pleated blue ombre, (shaded georgette); interlining, rose rayon; lining, rose rayon. Finished with a chenille banding top and bottom, Italian beaded fringe.

BASE—Metal gold polychrome sprayed finish; two chain pull sockets; height 65 inches; 6½ feet of silk covered cord and separable attachment plug.

	Each
No. 433-220F—Complete	$47 40
No. 220F Shade	29 55
No. 433—Base	17 85

Standard and base crated; shade in carton; wt each 12 lbs.

METAL JUNIOR

SHADE—Size 18x18 inches; outer covering, pleated taupe georgette; interlining, orange rayon, lining, orange rayon. Finished with a 2 inch silk band trimming top and bottom.

BASE—Metal standard and base with onyx break, gold polychrome sprayed finish; two chain pull sockets; height 66 inches; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 449-107—Complete	$28 95
No. 107—Shade	14 85
No. 449—Base	14 10

Standard and base crated; shade in carton; wt each 12 lbs.

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

METAL JUNIOR

SHADE—Hexagon shape 20 inch across bottom; 11 inches across top and 14¼ inches high; rayola cover and lining; pleated cover, trimmed with frieze and lace edging.

BASE—Plated wrought iron; onyx bases and flanges. Equipped with Benjamin adjustable cluster; two pull chain sockets; height 63 inches; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 25-H20RR—Complete	$45 15
No. H-20RR—Shade	25 05
No. 25—Base	20 10

Standard and base crated; shade in carton; wt each 14 lbs.

METAL JUNIOR

SHADE—Octagon shape 20 inches across bottom; rayola cover and lining; pleated cover, trimmed with frieze and lace edging.

BASE—Metal standard, gold polychrome sprayed finish; imitation onyx base and break; two chain pull sockets; height 63 inches; 6 feet of silk covered cord and separable attachment p ug.

	Each
No. 466-020RR—Complete	$45 75
No. 020RR—Shade	20 10
No. 466—Base	25 65

Standard and base crated; shade in carton; wt each 12 lbs.

METAL JUNIOR

SHADE—Bell shape 18x18 inches; outer covering, embroidered faille; lining, orange faille. Finished with a silk braid trimming top and bottom.

BASE—Square stem with genuine onyx break and base; two chain pull sockets; height 65 inches; 6½ feet of silk covered cord with separable attachment plug.

	Each
Brass Plated Base.	
No. 1267G-205 Complete	$48 15
No. 205—Shade	22 50
No. 1267G—Base	25 65
Silver Plated Base.	
No. 1267S-205—Complete	$48 15
No. 205—Shade	22 50
No. 1267S—Base	25 65

Standard and base crated; shade in carton; wt each 12 lbs

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

WROUGHT IRON BRIDGE

SHADE—Round 12 inch shade. Tan parchment, floral design, bound with black and gold braid.

BASE—Black finish, wrought iron standard and tripod base; one key socket; height 60 inches; 6 feet of cord and separable attachment plug.

Complete.	Each
No. BIB-1-B-12 P-P—Parrot	$5 19
No. BIB-1-B-12 P-G—Dancing Girl	5 19

Shade Only.	
No. B-12 P-P—Parrot	1 35
No. B-12P-G—Dancing Girl	1 35
No. BIB-1—Base Only	3 84

Standard and base crated, shade in carton; wt each 14 lbs.

METAL BRIDGE

SHADE—Diameter 10 inches; special etched black parchment; black and gold braid around top and bottom edges.

BASE—Wrought iron twisted standard and base, antique gold and polychrome finish; one key socket; height 56 inches; 6 feet of silk covered cord and separable attachment plug.

	Each
No. BIG-B10 PEB—Complete	$5 34
No. B10 PEB—Shade	1 50
No. BIG—Base	3 84

Standard and base crated, shade in carton; wt each 12 lbs.

WROUGHT IRON BRIDGE

SHADE—Round, 12 inch shade. Rose and green parchment, rose design, hand painted and covered with glass beads, bound with black and gold braid.

BASE—Gold and polychrome finish, wrought twisted standard and fancy base; one key socket; height 56 inches; 6 feet of silk covered cord and separable attachment plug.

	Each
No. BIG-B-12 PB-R—Complete	$6 03
No. B-12 PB-R—Shade	2 25
No. B-I-G—Base	3 84

Standard and base crated, shades in carton; wt each 12 lbs.

Tune-in with an Old Kentucky Home Radio Set and you will get the best on the air.

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

WROUGHT IRON BRIDGE

SHADE—Round 12 inch shade. Shirred mull silk face and lining, antique tinsel braid trimmed.

BASE—Black finish, wrought iron standard and tripod base; one key socket; height 60 inches; 6 feet of cord and separable attachment plug.

Complete.	Each
No. B1B-A-B-12M-R—Rose shade	$6 39
No. B1B-A-B-12M-B Blue shade	6 39
No. B1B-A-B-12-M-G—Gold shade	6 39

Shade Only.	Each
No. B-12M-R—Rose	$2 55
No. B-12M-B—Blue	2 55
No. B-12M-G Gold	2 55
No. B1B-A—Base only	3 84

Standard and base crated, shade in carton; wt each 10 lbs

METAL BRIDGE

SHADE—Diameter 12 inches; parchment shade with colored pen and ink scene; braid on top and bottom.

BASE—Metal, rope design standard, gold polychrome sprayed finish; height 58 inches; one key socket; 6 feet of silk covered cord with separable attachment plug.

	Each
No. B25-115-B12PIC—Complete	$12 45
No. B25-115-B12PE—Complete	12 45
No. B12PIC—Shade Ship scene	2 85
No. B12PE Shade raised colored scene	2 85
No. B25-115—Base	8 70
No. B12GG—Shade, glace with landscape scene in harmonious color combinations, triple tone ruching around top and bottom	3 90
No. B25-115-B12GG—Complete	12 45

Standard and base crated; shade in carton; wt each 12 lbs.

WROUGHT IRON BRIDGE

SHADE—Round 12 inch shade. Heavy parchment with black and gold braid around top and bottom edges.

BASE—Antique polychrome finish. Hammered effect wrought iron standard and tripod base; one key socket; height 58 inches; 6 feet of silk covered cord and separable attachment plug.

Complete.	Each
No. B531-B12PIC—Ship scene, pen and ink drawing	$15 45

Shade Only.	Each
No. B-12PIC—Ship scene, pen and ink drawing	$ 3 00
No. B531—Base only	12 45

Standard and base crated, shade in carton; wt each 12 lbs.

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

METAL BRIDGE

SHADE—Size 12x8 inches; embossed rose rayon over stretched rose baronette; silk lining.

BASE—Gold polychrome sprayed finish; one chain pull socket; height 58 inches; 6½ feet of silk covered cord and separable attachment plug.

	Each
No. B272-B1032—Complete	$18 00
No. B1032—Shade	5 70
No. B272—Base	12 30

SHADE—Round 12 inches; pleated taupe over orange rayon lining; two tone ruching on top and bottom.

BASE—Gold polychrome sprayed finish; one chain pull socket; height 58 inches; 6½ feet of silk covered cord and separable attachment plug.

	Each
No. B272-B9000—Complete	$24 90
No. B9000—Shade	12 60
No. B272—Base	12 30

Standard and base crated, shade in carton; wt each 12 lbs.

WROUGHT IRON BRIDGE

SHADE—Diameter 12 inches; rayola cover and lining; pleated cover, trimmed with frieze and lace edging.

BASE—Metal, rope design standard, brass plated finish; one turn knob socket; height 58 inches; 6 feet of silk covered cord and separable attachment plug.

	Each
No. B9228-R12RR—Complete	$22 65
No. R12RR—Shade	11 25
No. B9228—Base	11 40

SHADE—Round, hand painted linen with imported glass beads over painting, triple tone ruching around top and bottom. Diameter top 10 inches; bottom 16½ inches.

BASE—Metal, rope design standard, brass plated finish; one turn knob socket; height 58 inches; 6 feet of silk covered cord and separable attachment plug.

	Each
No. B9228-B6519—Complete	$24 00
No. B6519—Shade	12 60
No. B9228—Base	11 40

Standard and base crated, shade in carton; wt each 15 lbs.

WROUGHT IRON BRIDGE

SHADE—Diameter 12 inches; outer covering embossed rose rayon over stretched rose baronette.

BASE—Metal, fancy design standard, brass plated finish; one turn knob socket; height 58 inches; 6 feet of silk covered cord and separable attachment plug.

	Each
No. B9236-B1032—Complete	$20 70
No. B1032—Shade	4 95
No. B9236—Base	15 75

SHADE—Round 12 inch shade. Rose georgette center panels with pleated black corners over orange faille crepe lining and innerlining; antique sutach braid trimmed.

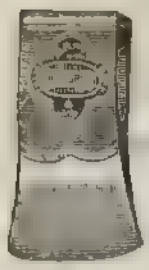
BASE—Metal, fancy design standard, brass plated finish; one turn knob socket, height 58 inches; 6 feet of silk covered cord and separable attachment plug.

	Each
No. B9236-B345—Complete	$30 45
No. B345—Shade	14 70
No. B9236—Base	15 75

Standard and base crated, shade in carton; wt each 16 lbs.

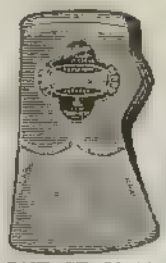
PATTERNS OF AXES

Illustrations below show comparisons of various patterns of axes that can be furnished in any of our catalog brands.



DAYTON PLAIN
Single Bit

SOU. KY. PLAIN
Single Bit



BALT. KY. PLAIN
Single Bit

BALT. JERSEY PLAIN
Single Bit

MICHIGAN PLAIN
Single Bit

HOOSIER PLAIN
Single Bit

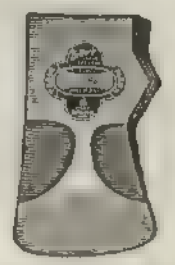
DAYTON PHANTOM BEVELED
Single Bit

BALT. JERSEY PHANTOM BEVELED
Single Bit

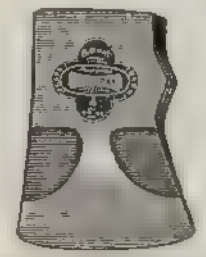
MICH. PHANTOM BEVELED
Single Bit

SOU. KY. PHANTOM BEVELED
Single Bit

DAYTON SPECIAL PHANTOM BEV.
Single Bit



SOU. KY. SPECIAL PHANTOM BEV.
Single Bit



BALT. JERSEY SPECIAL PHANTOM BEVELED
Single Bit

MICH. SPECIAL PHANTOM BEVELED
Single Bit

TURPENTINE
Single Bit

WESTERN PLAIN
Double Bit

MICHIGAN PLAIN
Double Bit

MICH. PHANTOM BEVELED
Double Bit

REVERSIBLE PLAIN
Double Bit

WESTERN SPECIAL PHANTOM BEVELED
Double Bit

WEST. PHANTOM BEV
Double Bit

FORD MODEL "T" BLACKHAWK WRENCHES

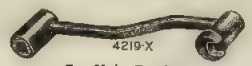
L

GENERATOR WRENCH

Offset

Designed especially for use on Ford carburetor flange bolt head.

NO.	Hex. In	Size In	lb Each	EACH
4418X	7/16	1/2x7	1 1/2	$1.00



For Main Bearings

This wrench fits all main bearing bolt heads and will reach the two front main bearing bolts without removing motor from the chassis. Special design socket at other end for connecting rod clamp screw. Sockets heat treated.

NO.	Size In.	lb Each	EACH
4219X	7/16 - 1/2	1/2x10 3/4	1 1/2	$1.60

For Ford Cylinder Head Cap Screws and Spark Plugs

Used on all Ford cars and trucks. Box type opening on 3/4 in.; 12 point double hex. This wrench specially designed for taking up rear main bearing bolt nut without removing motor from car.

NO.	Size In	lb Each	EACH
4230	3/8-7/16	7/16x11	1	$0.95

DISPLAY SETS

An attractive counter, window or floor display of special wrenches for Fords. Made up especially for those dealers who have insufficient display room to take the Blackhawk No. 400 Board. Made of steel beautifully lithographed in three colors. Size of display, 16 in. wide by 23 in. high.

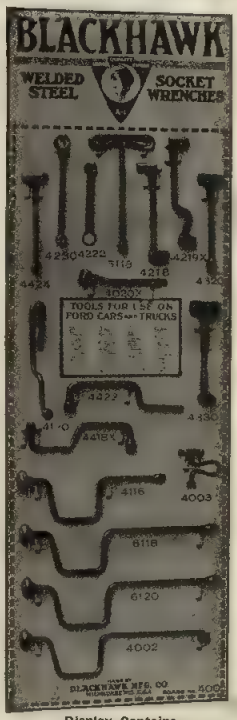
No. 401 Display contains 20 tools.

4 No. 4020X, $0.65; 4 No. 4222, $0.50; 4 No. 4230, $0.85; 4 No. 4330, ...1.20; 4 No. 4424, $1.00

NO.	lbs. Each	EACH
401	29	$19 00

DEALERS' DISPLAY BOARD

WRENCHES FOR FORD CARS AND TRUCKS



Display Contains

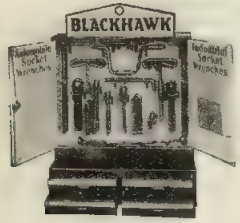
3	4418X	$0 90
3	4120	65
3	6118	95
3	6120	95
3	4002	.95
3	4003	50
3	4218	95
3	4320	80
3	4230	.85
3	4222	50
3	4032	1 25
3	4219X	1 40
3	4116	65
3	3118	.70
2	4424	1 00
2	4330	1.20
3	4020X	65
49 Tools		

NO.		lb Each	EACH
400	Complete	117	$47.70

Weight board 42 lb., wrenches 75 lb.; code, Dewey.

L

BLACKHAWK WELDED WRENCHES



CONTENTS OF NO. 10 AND 10A WRENCH HANDLES AND PARTS

In 10 Cab.	In 10A Cab.	No
3	2	T4 offset and T handles.
3	1	T5 double end handles.
4	2	110X offset handles.
3	2	T15 half speeder handles.
4	3	3310 long T handles.
4	2	500 brace wrenches.
4	2	610 speeders. 19½ in. overall.
4	2	911X ratchet handles, 10 in. long.
1	1	T3 reversible ratchet.
4	2	T60 extension bars, 6 in. with speed grip.
4	2	T8 extension bars, 8 in. long.
4	2	T10 extension bars, 10 in. long.
2	1	T4X heavy duty sliding tee.
2	1	T8X heavy duty extension bar, 8½ in. long.
2	1	T17X heavy duty extension bar, 17 in. long.

HEXAGON SOCKETS

In 10 Cab.	In 10A Cab.	No.	In 10 Cab.	In 10A Cab.	No.	In 10 Cab.	In 10A Cab.	No.
6	2	14	5	2	25	2	1	36X
5	4	16	5	2	26	2	1	40
8	6	18	6	2	28	2	1	40X
5	2	19	5	2	30	2	..	42X
8	4	20	3	2	31	2	1	44X
2	1	21	4	2	32	2	1	46X
6	2	22	3	2	34	2	1	48X
7	4	24	3	1	36	2	1	50X
						2	1	52X

SQUARE SOCKETS

In 10 Cab.	In 10A Cab.	No.	In 10 Cab.	In 10A Cab.	No.	In 10 Cab.	In 10A Cab.	No.
3	1	012	3	2	018	2	1	024
3	1	014	2	1	019	2	1	028
3	1	016	3	2	020	1		032
			2	1	022			

DOUBLE HEXAGON SOCKETS

In 10 Cab.	In 10A Cab.	No.	In 10 Cab.	In 10A Cab.	No	In 10 Cab.	In 10A Cab.	No.
3	1	D14	3	2	D20	2	1	D25
3	1	D16	4	2	D21	2	1	D26
3	2	D18	3	1	D22	2	1	D28
2	1	D19	3	1	D24			

UNIVERSAL JOINTS

In 10 Cab.	In 10A Cab.	No.	In 10 Cab.	In 10A Cab.	No.	In 10 Cab.	In 10A Cab.	No.
3	2	T2	2	1	T20	2	..	T24
2	1	T18	1	..	T22			

ADAPTERS

In 10 Cab.	In 10A Cab.	No.	In 10 Cab.	In 10A Cab.	No.	In 10 Cab.	In 10A Cab.	No
2	1	T7	2	1	T7X	2	1	T9X
			2	1	T9			

TIE ROD SOCKETS

In 10 Cab.	In 10A Cab.	No.
3	2	T11

VALVE GRINDER ATTACHMENTS

In 10 Cab.	In 10A Cab.	No.
3	1	T1

SPARK PLUG SOCKETS

In 10 Cab.	In 10A Cab.	No.	In 10 Cab.	In 10A Cab.	No.	In 10 Cab.	In 10A Cab.	No
2	1	128	2	1	136	2	1	130

TOTAL CONTENTS

No. 10—234 tools. No. 10A—113 tools.

NOTE—Wrench sets for any car can be made up from these cabinet assortments used in conjunction with our special steel wrench set boxes described on following pages. List of wrenches adaptable to the various makes of cars will be found in our Q. D. Wrench Manual. "A Set for Every Car."

NO.	Tools	Ht. In.	Wdth. In.	Depth In.	EACH
10	234	28	25½	11¾	$185.85
10A	113	28	25½	11¾	102.70

THE CABINET CELLAR

A real complement to the Nos. 1, 1A, 10 and 10A Cabinet assortments of Blackhawk Socket Wrenches. Fits perfectly beneath either of these cabinets and adds to their appearance. Contains a stock of live sellers for the more progressive dealer. Drawers are 11¾ in. deep, labeled in front telling just what each contains.

CONTENTS OF CABINET CELLAR

Wrench Handles and Parts

2 No. 801 Tiny Screw Driver Sockets.
2 No. 807 Tiny Screw Driver Handles.
2 No. 132 Spark Plug Sockets.
1 each Nos. T90 and T9XX Adapters.
6 No. T13 Ratchet Lugs.
2 No. T13X Heavy Duty Ratchet Lugs.
1 No. T013X Adapter Lug.
2 No. T6S Tiny 6" Extensions.
2 No. T10S Tiny 10" Extensions.
2 No. T4S Tiny Sliding Bars.
2 No. 110S Tiny Offsets.
5 each Nos. 3329 and 3731 Spark Plug Sockets.
5 No. 4002A Ford Model A Valve Grinder Attachments.

Double Hexagon Sockets

3 each Nos. D14, D16, D22 and D24.
4 each Nos. D18 and D20.
2 each Nos. D19, D25, D26, D28, D30, D32, D34, D36 and D40.
8 No. D21.

Heavy Duty Hexagon Sockets

2 each Nos. 28X, 30X, 31X, 32X, 34X, and 440X.

Extra Deep Hexagon Sockets

1 each Nos. 216, 218, 220, 222, 224, 228, 230 and 232.

Tiny Double Hexagon Sockets

2 each Nos. 810, 812, 814, 816, 818 and 820.

Total Contents—118 Tools

NO.	EACH
3 Cabinet Cellar Complete	$73.85

BLACKHAWK WELDED WRENCHES L

CONTENTS OF NO. 20

Handles and Attachments

4 No. T4 offset and T.
4 No. T5 Double end offset.
4 No. 110X Single end offset.
4 No. 500 Brace.
4 No. 3310 Long T.
3 No. T11 Valve Grinder attachments.
2 No. 911X Ratchet.
2 No. T2 Universal Joints.
2 No. T13 Ratchet lugs.
2 No. T10 Extension bars.
2 No. T60 Extension bars.

Hexagon Sockets

4 each Nos. 18, 20.
3 each Nos. 16, 21, 22, 24.
2 each Nos. 14, 26, 28.
1 each Nos. 19, 25, 30, 32.

Double Hexagon Sockets—12 Point

4 each Nos. D18, D20.
3 each Nos. D16, D21, D22, D24.
2 No. D14.
1 each Nos. D19, D25, D26, D28, D30, D32

Square Sockets

3 No. 018.

NO.	Tools	Hs. In.	Wdth. In.	Depth In.	EACH
20	94	19⅜	16½	8⅜	$67.45

QUICK DETACHABLE HANDLE

OFFSET HANDLE

NO.	Size In.	Length In.	Lbs. Ea.	EACH
110X	⅝	10½	1⅛	1.00

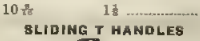
All packed six in a box.

"CHIEF" OFFSET HANDLE

Chromium Plated Chrome Vanadium Steel

NO.	Lgth. In.	lb Each	EACH
9201	10 7/16	1⅛	$1 75

SLIDING T HANDLES



Friction head retains bar at desired position. When used with extension bar provides T or L.

NO.	Shank In.	Dia. In.	Lgth. In.	EACH
T4	⅞	10½		$0.90
T4X	⅞	1⅛	18	$1.75

Bar Only

NO.	Diam In.	Lgth. In.	EACH
T4XX	1	24	$2 00

Friction head and offset adapter for T4XX.

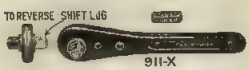
NO.	Size Lug In.	EACH
T40XX	⅜	$3.00

"CHIEF" SLIDING T HANDLE

Chromium Plated Chrome Vanadium Steel

NO.	Lgth. In.	lb Each	EACH
9204	10½	1	$1.35

Q. D. RATCHET WRENCHES



9-Inch Handle

A trial will convince even the extreme skeptic that our new No. 911X Ratchet Wrench constitutes a marked improvement over any other wrench that we know of. Its design is scientifically correct, simple and provides exceptional strength. There is no complicated change mechanism. The ½-inch square Ratchet Lug can easily be pushed to the other side, thus changing direction of ratchet. Rotation ball and spring in Lug engage slots in ratchet wheel and lock lug in same. Will not stick in sockets. Made from high-grade steel, heat-treated.

NO	Lgth. In.	lb Each	EACH
911X	10	1¼	$3.30

Five in a box.

Extra Lugs

NO.	lb Each	EACH
T13	1 oz.	$0.40

Ten in a box.

NO	EACH
800	$3.00

Similar to 911X; 6 in. ratchet.

"CHIEF" RATCHET

Chromium Plated Chrome Vanadium Steel

NO.	Lgth. In.	lb Each	EACH
9811	10	1⅜	$3.75

LONG SPEEDER

NO.	Diam. In.	Lgth. In.	lb Each	EACH
6310	½	28	2	$1.50

Ten in a box.

STANDARD SPEEDER

NO.	Diam. In.	Lgth. In.	lb Each	EACH
610	⅜	19	1¼	$1.35

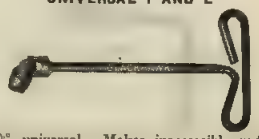
"CHIEF" STANDARD SPEEDER

Chromium Plated Chrome Vanadium Steel

With New Knob Handle

NO.	Lgth. In.	lb Each	EACH
9611	19	2	$2.75

UNIVERSAL T AND L



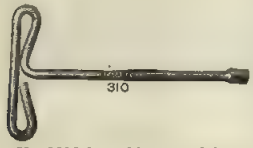
For 90° universal. Makes inaccessible nuts easy to reach. Sliding bar head provides either T or L.

NO.	Diam. In.	Overall In.	EACH
510	⅞	20	$2.50

L BLACKHAWK WELDED WRENCHES

TEE HANDLES

NO.	Diam. In.	Lgth. In.	lb Each	EACH
3310	½	12	1½	$1.20



Same as No. 3310 but without revolving grip.

NO.	Diam In.	Lgth. In.	lb Each	EACH
310	½	12	1¼	$1.00

Six in a box.

BRACE HANDLE

NO.	Diam. In.	Lgth. In.	lb Each	EACH
500	½	14	7	$1.35

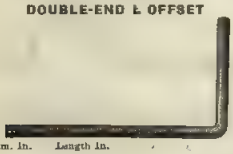
Six in a box.

"CHIEF" BRACE HANDLE
Chromium Plated Chrome Vanadium Steel

A brace handle with a wide sweep and knurled grip.

NO	Lgth In.	lb Each	EACH
9508	15⅝	1½	$2.50

DOUBLE-END L OFFSET



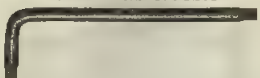
NO.	Diam. In.	Length In.	EACH
1210	⅝	7x10	$0.90

CRANK SPEEDER

Enables mechanic to sneak up on nuts inaccessible with speeder handle.

NO.	EACH
T15	$1.00

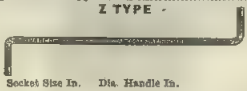
DOUBLE END OFFSETS



These three double-end offsets built on the principle of making both ends useful.

NO.	Socket Size In.	Dia. In.	Length In.	EACH
T5	⅝	3x10		$0.85

Z TYPE

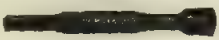


NO.	Socket Size In.	Dia. Handle In.	EACH
2210	½	10	1½ & 3 $1.00

EXTENSION BARS

Fit all standard ½" shank handles shown on this and preceding page. Properly heat treated to stand the gaff.

NO.	Dia. In.	Lgth. In.	EACH
T6	⅝	6	$0.75
T8	⅝	8	.80
T10	⅝	10	.85



T-60

Same as above but equipped with revolving grip for convenience in speeding off nuts and cap screws.

NO.	Shank In.	Diam. In.	Lgth. In.	EACH
T60			6	$0.85

"CHIEF" EXTENSION BARS
Chromium Plated Chrome Vanadium Steel

With revolving knurled grip.

NO.	Lgth. In.	lb Each	EACH
9206	6	¾	$1.50
9210	10	1	1.75

Q. D. HEAVY DUTY EXTENSION BARS

The 8½-in. Q. D. extension bar, ⅝-inch diameter with ½-inch square shank, can be used with the Q. D. sockets and handles to great advantage.

NO.	Shank Diam. In.	Lgth. In.	lb Ea.	EACH
T8X	½	⅝	8½	1⅝	$1.50
T8XX	½	⅝	8½	1⅝	4.80

This bar is the same as the T8X, except that it is 17 inches long.

NO.	Shank Diam. In.	Lgth. In.	lb Ea.	EACH
T17X	½	⅝	17	3	$1 60
T17XX	½	1	18	3	6 00

STUD SETTER AND EXTRACTOR

Used with any standard ½-in. handle to set or remove studs from ½-in. to ⅝-in. in diameter. Gear has three drilled holes so it can be changed as serrations wear. All parts heat treated and hardened to provide long life.

NO.	EACH
651	$1.75

"CHIEF" KEY
Chrome Vanadium Steel Chromium Plated

For releasing the lock on trip ball.

NO.	EACH
9001	$0.10

BLACKHAWK WELDED WRENCHES

L

TIE ROD WRENCH

For standard ½ in. handles.

NO.	EACH
T1	$0.60

For ordinary car work.

T1X	$0.85

For heavy duty work.

RATCHET ATTACHMENT

A strong reversible ratchet attachment used with any Q. D. handle with ⅝-in. square lug. Provides a ratchet wrench on work that is inaccessible to standard type ratchets.

NO	EACH
T3	$2.50

RATCHET WRENCHES

Heavy Duty with ¾ in. square lug.

NO.	EACH
916	$8.50

Extra Heavy Duty with ⅞ in. square lug.

NO	EACH
920	$14.00

EXTRA LUGS

Nos. 906 and 911X Standard Ratchets shown on page 265.

Lug for No. 916 Ratchet.

NO.	EACH
T13X	$0.85

Lug for No. 920 Ratchet.

NO	EACH
T13XX	$1.25

Adapter lug for 916 ratchet to reduce to standard Q. D. sockets having ½ in. sq. handle opening.

NO.	Size In.	EACH
T613X	½	$1.35

Adapter lug for 920 ratchet to reduce to heavy duty sockets having ¾ in. sq. handle opening.

NO.	Size In.	EACH
T613XX	½	$1.40

VALVE GRINDER ATTACHMENT

Fits any standard speeder handle. Points will fit all valves.

NO.	EACH
T11	$0.60
Set 4 extra points	.25

STANDARD Q. D. DOUBLE HEXAGON SOCKETS

EXTRA HEAVY DUTY Q. D. HEXAGON SOCKETS

⅜-in. Square Handle Openings

Socket No.	Socket Size	U.S.S. Nuts and Bolts	Hex. Hd. Cap Screws U.S.Std.	S.A.E. Std. Nuts and Cap Screws	Mfg. Std. Bolt Hds.	Each
34xx	1 1/16	⅝	.....	⅝	.....	$1.25
38xx	1 1/16	.....	⅞	.....	.....	1.25
40xx	1 ¼	¾	1	⅞	.....	1.35
44xx	1 ⅜	.....	1 1/16	.....	⅞	1.35
46xx	1 7/16	⅞	.....	1	.....	1.50
48xx	1 ½	.....	1 1/16	.....	.....	2.00
50xx	1 9/16	.....	.....	.....	1	2.00
52xx	1 ⅝	1	.....	1 1/16	.....	2.00
56xx	1 ¾	.....	.....	.....	1 1/16	2.50
58xx	1 11/16	1 1/16	.....	1 1/16	.....	2.75
60xx	1 ⅞	.....	.....	.....	.....	2.75
62xx	1 13/16	.....	.....	.....	1 1/16	3.00
64xx	2	1 1/16	.....	1 1/16	.....	3.00
66xx	2 1/16	.....	.....	.....	.....	3.50
68xx	2 1/16	.....	.....	.....	1 1/16	3.50
70xx	2 1/16	1 1/16	.....	1 1/16	.....	4.00
72xx	2 1/16	.....	.....	.....	.....	4.50
74xx	2 1/16	.....	.....	.....	1 1/16	4.50
76xx	2 1/16	1 1/16	.....	.....	.....	5.00
78xx	2 1/16	.....	.....	.....	.....	6.00
80xx	2 1/16	.....	.....	.....	1 1/16	9.00
82xx	2 1/16	1 1/16	.....	.....	.....	12.00
84xx	2 1/16	.....	.....	.....	.....	13.50
86xx	2 11/16	.....	.....	.....	1 1/16	15.00
88xx	2 1/16	1 1/16	.....	.....	.....	16.00

TABLE OF HEAVY DUTY Q. D. HEX. SOCKETS

¾" Sq. Handle Openings

NO.	Size	U.S.S. Nuts and Bolts	Hex Head Cap Screws U.S. Stnd	S.A.E. Stnd. Nuts and Cap Screws	Mfg. Stnd Bolt Hds.	Coach Screws	EACH
28x	⅞	⅞	⅞	1 1/16	.....	.....	$0.75
30x	11/16	.....	.....	⅞	.....	⅞	.75
31x	11/16	1 1/16	.....	.....	.....	.....	.75
32x	1	.....	⅞	1 1/16	⅞	.....	.75
34x	1 1/16	⅞	.....	1	.....	.....	.85
36x	1 ⅛	.....	1	.....	.....	1	.90
38x	1 1/16	.....	.....	.....	1	.....	.90
40x	1 ¼	1	1	1	.....	.....	.90
42x	1 1/16	.....	.....	.....	.....	1	1.00
44x	1 1	.....	1 1/16	.....	1	.....	1.00
46x	1 1/16	1	.....	1	.....	.....	1.25
48x	1 1	.....	1 1/16	.....	.....	1	1.25
50x	1 1/16	.....	.....	.....	1	.....	1.25
52x	1 1	1	.....	1 1/16	.....	.....	1.50

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BLACKHAWK WELDED WRENCHES

BLACKHAWK Q. D. SOCKETS

STANDARD Q. D. HEX AND DOUBLE HEX SOCKETS

One-half inch square handle openings.

Hexagon Socket No.	Socket Size	U.S.S. Hex Head Nuts & Bolts	Cap Screws U S. Std	S.A.E. Stnd Nuts & Cap Screws	Mfg Stnd Bolt	Coach Hds. Screws	EACH
14	7/16	....	1/2	1/2	1/2	....	$0.40
16	3/8	1/2	7/16	7/16	....	....	.40
18	7/16	....	1/2	1/2	....	1/2	.40
19	11/16	7/16	...	....	....	....	.40
20	1/2	....	7/16	7/16	1/2	....	.40
21	11/16	....	....	....	....	....	.50
22	11/16	1/2	....	....	....	....	.50
24	1/2	....	1/2	1/2	....	1/2	.50
25	11/16	7/16	....	....	....	....	.50
26	11/16	....	7/16	....	1/2	....	.50
28	1/2	1/2	1/2	7/16	....	....	.50
30	11/16	....	....	1/2	....	1/2	.65
31	11/16	7/16	....	....	....	....	.65
32	1	....	1/2	11/16	1/2	....	.65
34	1 1/16	1/2	....	1/2	....	....	.75
36	1 1/8	....	1/2	....	....	1/2	.75
40	1 1/4	1/2	1	1/2	....	....	.75

TABLE OF DOUBLE HEXAGON SOCKETS

½-in. Square Handle Openings

Socket No.	Socket Size	U.S.S. Nuts and Bolts	Hex SAE Std Hd. Cap Screws U S.Std.	Nuts and Cap Screws	Mfg Std. Bolt	Hds.	Coach Screws	Each
D14	7/16	....	1/2	1/2	1/2	..		.45
D16	7/8	1/2	7/16	7/16	...		5/8	.45
D18	7/8	....	5/8	5/8	....			.45
D19	11/16	7/16	....	...	....	.		.45
D20	5/8	....	1/2	1/2	5/8	..		.45
D21	11/16		...	.				55
D22	11/16	5/8	....	. ..	..			.55
D24	3/4	....	1/2	1/2	..		1/2	.55
D25	11/16	7/16	...	.	....		....	.65
D26	11/16	....	1/2		1/2		....	.65
D28	7/8	1/2	5/8	7/16	....		..	.65
D30	1 1/16	....	....	5/8			5/8	.75
D31	1 1/16		1/2	....	....		.	.75
D32	1	....	3/4	11/16	5/8		....	.75
D34	1 7/16	5/8	....	3/4	....		....	.85
D36	1 1/8	....	7/8	....	....		3/4	1.00
D40	1 1/4	3/4	1	7/8	....		....	1.00

"CHIEF" DOUBLE HEXAGON SOCKETS

Chromium plated chrome vanadium steel with the important "Lock-On" feature. The enameled line of sockets and handles will interchange with these but cannot enjoy the "Lock-On" feature.

TABLE OF DOUBLE HEXAGON SOCKETS

Standard Double Hex. Sockets	Socket Opening	U.S.S. Nuts and Bolts	S.A.E. Nuts and Cap Screws	U.S.S Cap Screws	EACH
8411	7/16	....	1/2	1/2	$0.65
8416	1/2	1/2	7/16	....	.65
8418	7/16		1/2	1/2	.65
8419	11/16	7/16	...		65
8420	1/2	....	7/16	7/16	.65
8421	11/16		..		65
8422	11/16	1/2			65
8424	1/2		1/2	1/2	.75
8425	11/16	7/16			.75
8426	11/16			7/16	.75
8428	5/8	1/2	7/16	1/2	75
8430	11/16		1/2		.85
8431	11/16	7/16			.85
8432	1	....	11/16	1/2	.85

Showing Taper of Hex Sockets

TABLE OF STANDARD Q. D. DEEP HEXAGON SOCKETS

½" Square Handle Openings

Socket No.	Socket Size In.	Hex Head S A E U.S.S. Nuts and Bolts	Cap Std. U.S. Std.	Nuts and Cap Screws	Mfg. Std. Bolt Hds.	Coach Screws	EACH
218	1/2	1/2	7/16	7/16	....	....	$0.55
215	7/16	....	1/2	1/2	....	1/2	.55
220	1/2	....	7/16	7/16	1/2	....	.55
222	11/16	1/2	....	....	....	....	.55
224	1/2	1/2	1/2	1/2	....	1/2	.70
225	7/8	1/2	1/2	7/16	....	....	.70
230	11/16	....	....	1/2	....	1/2	.80
232	1	....	1/2	11/16	1/2	....	.80

TABLE OF TINY Q. D. DOUBLE HEXAGON SOCKETS

⅜" Sq. Handle Openings

Socket No	Socket Size In	U.S S Nuts and Bolts	Hex Head Cap Screws U.S Std.	S A.E. Std. Nuts and Cap Screws	Mfg Std Bolts Heads	Coach Screws	EACH
810	7/16	No. 6		....	..	.. .	$0.45
812	1/2	No. 10	.	....	....	....	.45
814	7/16	...	1/4	1/4	1/4	.. .	.45
816	1/2	1/4	7/16	7/16	...	....	.45
818	7/16	....	1/2	1/2	....	1/2	.45
820	1/2	....	7/16	7/16	1/2	....	.45

SQUARE PLUGS

With ⅜-inch square male end.

NO	EACH
710	$0.45
712	.45
714	45
716	45
718	.45
720	.45
724	.45

BLACKHAWK WELDED WRENCHES

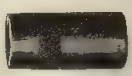
L

CHEVROLET BRAKE BAND SOCKETS

It is the only tool with which the Marmon and Chevrolet Brake Band Adjusting Screw can be readily reached and turned to desired adjustment. May be used with any Black Hawk handle (No. 110X Handle is very practical).

NO.	Wt. Each	EACH
412	3 oz.	$0.60
414	Special Alemite Socket.	.60
416		1.00

SPARK PLUG SOCKETS



NO.	Fits all ⅝-in. hex. spark plugs.	EACH
128		$0.75
NO.	Fits all ½-in spark plugs (Ford Size)	EACH
130		$0.75
NO.	Fits all Metric spark plugs (Hudson-Essex).	EACH
132		$0.85
NO.	Fits all 1⅛-in. hex. spark plugs.	EACH
136		$0.85

"CHIEF" SPARK PLUG SOCKETS

Chromium plated chrome vanadium steel.

NO.	Size In	Lb Each	EACH
8838	1¼ (Ford)	⅝	$1.25

STANDARD Q. D. SQUARE SOCKETS

½-inch square handle openings.

NO.	U.S.S. Socket Size In.	U.S.S. Nuts & Bolts	Cap Screws	Square Head Set Screws	Couch Screws	EACH
012	⅜		¼	⅜	¼	$0.40
014	7/16		7/16	7/16		.40
016	½	¼	⅜	½		.45
018	9/16		7/16	9/16	⅜	.45
019	19/32	7/16				.50
020	⅝		½	⅝		.50
022	11/16	⅜	7/16			50
024	¾		⅝	¾	½	60
025	25/32	7/16				.60
026	13/16					60
028	⅞	½	¾	⅞		75
030	15/16				⅝	75
032	1	7/16		1		.75
034	1 1/16	⅝				90
040	1 ¼	¾	1	1 ¼		1.00

"CHIEF" SQUARE SOCKETS

Chromium plated chrome vanadium steel with Lock-On feature.

TABLE OF SQUARE SOCKETS

Std. Sq. Sockets	Socket Opening	U.S.S. Nuts and Bolts	U.S.S. Screws	Cap Sq Head Set Screw	EACH
8012	⅜		¼	⅜	$0.70
8014	7/16		7/16	7/16	.70
8016	½	¼	⅜	½	.70
8018	9/16		7/16	9/16	.70
8020	⅝		½	⅝	.70

EXTRA HEAVY DUTY Q. D. SQUARE SOCKETS

⅜-in. Square Handle Openings

Socket No.	Socket Size	U.S.Std. Sq. Nuts and Bolts	Mfg. Std. Sq. Hd. Bolts	Mfg. Std. Sq. Mach. Bolt Nut	Square Hd. Cap Screw	Each
034xx	1 1/16	⅝				$1.50
038xx	1 1/16			⅝		1.75
040xx	1 ¼	¾	⅝		1	2.00
044xx	1 ⅜		¾	⅞	1 ⅛	2.50
046xx	1 7/16	⅞				3.00
050xx	1 9/16		1	1		3.75
052xx	1 ⅝	1	⅞			4.25
058xx	1 13/16	1 ⅛		1 ⅛		5.00
064xx	2	1 ¼	1	1 ¼		6.00

DOUBLE HEX SOCKET SET

Contains fourteen double hex (12 point) sockets in fibre box. One each of all Nos. from D14 to D32 — 7/16" to 1".

NO.	EACH
14Z	$8 10

In fibre box.

A heavy duty Q. D. socket for latest Model A Fords. 1¾ in. hex opening and 2¾ in. deep to take the projection of the shaft as well as the nut.

NO	EACH
440X	$1.10

UNIVERSAL JOINT SOCKETS

Ninety degree angle. Easily reaches nuts that are inaccessible to ordinary sockets. Used with ½-in. Q. D. handle.

NO.	Size Hex Socket	EACH
T16	⅜	$1.75
T18	7/16	1.75
T20	½	1.75
T22	9/16	2.00
T24	⅝	2.00
T26	11/16	2.00
T28	¾	2.25

UNIVERSAL JOINT

Should be in every mechanic's kit. Has ½-in. standard male and female opening—90 degree angle.

NO.	EACH
T2	$1.85

"CHIEF" UNIVERSAL JOINTS

Chromium plated chrome vanadium steel. A 90° angle feature of the joint will reach those inaccessible nuts.

NO.	Lb. Each	EACH
8502	⅝	$2.50

L BLACKHAWK WELDED WRENCHES

ADAPTERS

T9-X

T-9

Provide an inexpensive means of increasing or decreasing square shank size to accommodate various square socket openings.

Adapter NO.	Square Opening In. "A"	Square Shank "B"	Used on Handles	EACH
T7X	⅝	½	Increase	$0.90
T9X	¾	⅝	Increase	.75
T9XX	¾	½	Increase	1.50
T7	½	⅝	Decrease	.90
T9	⅝	¾	Decrease	.75
T99	¾	½	Decrease	1.50

MECHANICS' CASES

Many is the mechanic whose first favorable impression of Blackhawk flashes before he sees more than the outside of these wonderful metal cases.

Good-looking, strong carrying cases—make a distinct hit with mechanics who care. They make a quick sale—no doubt of it.

Our newest cases have this two-tone black and maroon crackle finish of durable lacquer. Thrown open, the interior shows a copperized lacquer—which lasts and looks the part.

All Blackhawk Metal Cases are of one piece heavy stamped steel top and bottom trued to snap shut like a watch. No patched corners—no rough edges—furnished with strong hasps, also swivel metal handles, as illustrated.

Dealers who own Cabinet Assortments should always carry a stock of at least one A—one B—and two C—enabling them to select sets made up from the cabinet stock and sell complete in carrying case.

For car owners' sets and No. 18AD set.

NO	Lgth. In	Wd. In.	Ht. In.	EACH
A	16	6½	2¼	$4.00

For No. 35B and 36B heavy duty sets.

NO.	Lgth. In.	Wd. In.	Ht. In.	EACH
B	19⅞	5⅞	2¼	$4.00

For all Q. D. service sets and Nos 22CD and 32CD.

NO	Lgth. In.	Wd. In.	Ht. In.	EACH
C	19¼	8¾	2¼	$4.50

For No. 43DD large service sets.

NO	Lgth. In.	Wd. In.	Ht. In.	EACH
D	23¾	11	2¼	$8.50

For No. 12 extra heavy duty set No. 12E.

NO.	Lgth. In.	Wd. In.	Ht. In.	EACH
E	23¾	11	3¼	$9.00

For No. 23G drain pit set.

NO.	Lgth. In.	Wd. In.	Ht. In.	EACH
G	11¾	6¾	2¾	$3.50

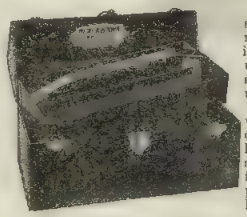
For No. 13H Ignition Service Set.

NO.	Lgth In.	Wd. In.	Ht. In.	EACH
H	11	4¾	1¾	$3.00

MECHANIC'S CARRYING CASES

This is a handy mechanic's carrying case—will take the tools contained in No. 22, No. 32 or No. 423 sets, and in addition, the mechanic's hammers, punches, pliers, etc., as well as a small supply of nuts and cotter pins. Has a removable steel tray. Case has Yale lock and steel carrying handle.

NO.	Size In.	EACH
F	6¾x6¾x20¼	$9.00



The "gable" case designed for the master mechanic. Lasting quality built in with the features of roominess, strength, and convenience.

Lower section provides ample space for complete set of Blackhawk Q. D. handles and sockets. Removable tray for special tools such as pliers, screw drivers, hammers, etc.

Made of eighteen gauge sheet steel. Equipped with Yale lock and special carrying handle.

NO.	Lgth. In.	Ht. In.	Wd. In.	EACH
J	21	10	8	$13.00

In metal case.

CHROMIUM PLATED CHROME VANADIUM

A real jewel case—same size as the 30CD but with fewer tools. For the man who wants a smaller, lower priced set. There is plenty of room for more handles and sockets so the mechanic can enlarge the assortment. In a month or two he'll built it up to look just like a 30CD.

1 No. 9506 Brace Handle.
1 No. 9811 Ratchet handle.
1 No. 9204 Combination T and offset.
1 No. 9210 10" extens'n bar
1 No. 9206 6" extens'n bar.
1 No. 8502 Universal Joint.
1 No. 9061 Release tool.
6 Double Hexagon Sockets from ⅛ to ¾-in. inclusive.

NO.	Lbs. Ea.	EACH
16CD	14	$22 10

BLACKHAWK WELDED WRENCHES

L

"CHIEF" COMBINATION SET

A set of chromium plated chrome vanadium steel wrenches and handles same as is found in set No. 16CD with the addition of ten of the most popular open end wrenches, six engineers and four tappet wrenches. The open end tools are all genuine Blackhawk Armstrong tools, thin where thinness is desired and husky where they should be husky. Packed in a metal case large enough to allow several addition in handles, sockets or open end wrenches.

Set contains :—

1 No. 9506 Brace Handle.
1 No. 9811 Ratchet Handle
1 No. 9204 Comb. T and Offset.
1 No. 9210-10" Extension Bar.
1 No. 9206-6" extension bar.
1 No. 8502 Universal Joint.
1 No. 9001 Release tool.
9 Double Hex. sockets 1/4 to 1" inclusive.

Engineers Open End Wrenches—Milled Openings

1 No. 1723-3/8 and 7/16".
1 No. 1025 1/2 and 9/16".
1 No. 1027C 5/8 and 11/16".
1 No. 1028S 3/4 and 13/16".
1 No. 1731A 7/8 and 1".
1 No. 1033C 1 1/8 and 1".

Tappet Open End Wrenches

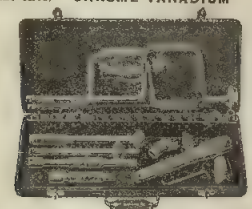
	Straight Opg.	Angle Opg.		Straight Opg.	Angle Opg.
1 No. 402B..	1/2	5/8	1 No. 404B....	3/4	13/16
1 No. 402C....	5/8	3/4	1 No. 404C....	1 1/16	7/8

NO. — SET

26KD 294 ..... $41.95

In metal case.

CHROME VANADIUM

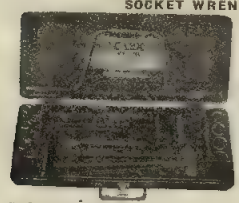


1 No. 9611 Speeder handle.
1 No. 9506 Brace handle.
1 No. 9811 10" Ratchet h'dl
1 No. 9201 Offset handle.
1 No. 9204 Sliding T and offset.
1 No. 9210 10" Extnsn bar.
1 No. 9206 6" Extnsn bar.
1 No 8502 Universal joint.
1 No. 8552 Drag link and tie rod socket.
1 No. 8836 1 1/8" Spark plug socket.
1 No. 9001 Release tool.
14 Double Hex Sockets from 1/4" to 1" inclusive.
5 square Sockets from 1/2" to 3/4" inclusive.

NO. — Lbs — Ea — EACH

30CD 24 ..... $35.00

SOCKET WRENCH SET



A favorite with car owners and student mechanics. A compact set of 18 tools caring for a wide range of work, packed in attractive red and black mottled case, No. A.

One each of following handles: Nos. 911X, T4, T15, 500, T60, and T10. One each Spark Plug Sockets, Nos. 130 and 136. Double Hexagon Sockets: Nos. D14, D16, D18, D19, D20, D22, D24, D25, D26 and D28

NO. — SET

18AD $19.15

Same as above, except Sockets are Hexagon instead of Double Hexagon.

NO. — SET

18A $18 35

MASTER MECHANIC'S SET

Contents of Set 32 Tools

Handles and Attachments—

One each—911X Ratchet, 610 Speeder, 500 Brace, T10 Extension Bar, T60 Extension Bar, T2 Universal Joint, T4 Sliding Tee, 3310 Tee, T11 Valve Grinder Attachment; 110X Offset, T1 Tie Rod Socket.

Square Sockets—

One each—Nos. 012, 014, 016, 018 and 020.

Double Hexagon Sockets—

One each—Nos. D14, D16, D18, D19, D20, D21, D22, D24, D25, D26, D28, D30, D31, D32.

One No. 34 Hexagon Socket.
One No. 136 Spark Plug Socket.
Complete in Metal Case No. C.

NO. — SET

32CD Set $30.35

Same as No. 32CD with hexagon instead of double hexagon sockets.

NO. — SET

32C $29.10

SET 22CD

A dandy set for the mechanic who is not quite ready for the complete set of 32CD. Comes in the No. C case so that purchaser can add tools at convenience until set is complete. Contains 22 tools packed in beautiful two-tone crackle finished case.

Set contain: One each of following handles: Nos. 911X, 610, 500, T4, 3310, T5, T10, and T60. Attachments: Nos. T2, and T11, Spark Plug Socket No. 136. Double Hex sockets: Nos. D14, D16, D18, D19, D20, D21, D22, D24, D25, D26, and D28.

NO. — SET

22CD $24.30

Same as above, but with Hexagon instead of Double Hexagon Sockets.

NO. — SET

22C $23.45

BLACKHAWK

L

BLACKHAWK WELDED WRENCHES

The sockets are machine turned from the solid steel bar and properly heat treated. The opening of all sockets are accurately broached ¼-inch oversize, which insures perfect and unlimited service.

Set contains 43 tools. A superior service set of Q. D. wrenches. Made up by combining No. 32 regular service set and No. 35 heavy duty set and all tools contained in Nos. 32 and 35 sets are included in the contents of No. 43 set. With this set the mechanic has every necessary tool for working on either automobiles or the largest truck.

Double Hex Sockets Set Contains 43 tools. A superior service set of Q. D. wrenches. Made up by combining contents of No. 32CD service set with Double Hex Sockets, and No. 35 heavy duty set in D Case. With this set, the mechanic has every necessary tool for working on all automobiles, largest trucks and farm machinery.

Complete in metal case No. D

NO.	Pc Set	SET
43D	49	$46.90
43DD	51	48.15

IGNITION SERVICE SETS

Tiny Sockets and Handles

This small Q. D. Set ideal for use on work in close quarters such as: Automotive universal joints, oil pump screws, terminals, water pumps and fan assembly located in front of motor, carburetor joints, cap screws, generator bolts, pole pieces and brushes, and universal generator. Ideal for aviation work. Set contains 13 tools, one each of items listed below.

Handles

NO.		EACH
110S	Offset	$1.00
***500S**	Brace	1.30
***807**	Screw Driver Handle	.70
***T-8S**	Comb. ext. bar and T	.90
***T-10S**	10" Comb. ext. bar and T	.95
***T-4S**	Sliding bar	.25

Double Hexagon Sockets

NO	Socket Size	EACH
***810**	¼	$0.45
***812**	⅜	.45
***814**	⅞	.45
***816**	½	.45
***818**	⅝	.45
***820**	⅝	.45
***801**	Screw Driver Sckt.	.55

NO.		SET
13H Set	Complete in Metal Case H	$11.35

NO. 9L SET

For those who have use for only a smaller assortment we recommend the No. 9L Set. This set consists of one each of tiny sockets shown at left, one No. T4 sliding handle, and two No. T6S, 6-in. extensions bars. Handle combined with bars provides either T or L type with 6-in., or 12-in. length if both extensions are used.

Complete in L Case (black finish).

9L $5.25

Here's a complete set of tools for Drain Pit Service. All the sockets, handles, and attachments necessary for removing plugs to drain crank case, drain and refill plugs in transmission and differential housing.

No. 23G Set contains one each

No. T4 sliding T, No. T6 extension bar.
No. T1 attachment for drain plugs with slot.
Hexagon Sockets, Nos. 16, 24, 30, 32, 34 and 36.
Square Sockets, Nos. 014, 016, 018, 020, 022, 024, and 028.
Square Plugs, Nos. 710, 712, 714, 716, 718, 720 and 724.

NO.	EACH
23G	$16.25

The No. 15G Set is packed in same box as No. 23G but contains only 15 tools. Provides a low priced set that will handle drain service on the majority of popular cars.

No 15G Set contains one each
No. T4 Sliding T, No. T6 extension bar
Hexagon Sockets, Nos. 16, 24, 30 and 36
Square Sockets, Nos. 014, 016, 018, 020 and 024.
Square Plugs, Nos. 712, 714, 716 and 718

15G $11.65

NO. 411 SET

This set makes a big hit with Ford owners. Dealer can make up from Blackhawk Cabinet Assortment, or buy as a set in a fibre box. An economy set for owners of Model "T" or "A" Fords.

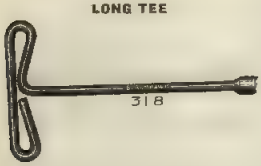
Contents

Nos. 610 and T5 handles.
Hexagon sockets Nos. 16, 18, 20, 22, 24 and 28.
No. T11 valve grinder attachment.
No. 130 spark plug socket.

NO.	EACH
411	$5.95

L BLACKHAWK WELDED WRENCHES

LONG TEE



All Sizes 7/16 x12-Inch Shanks

NO.	Size	Lbs. Each	EACH
3114	7/16	1	$0.75
3116	1/2	1	.75
3118	9/16	1 1/4	.75
3119	5/8	1 1/4	.75
3120	5/8	1	.75
3122	11/16	1 1/4	.75
3124	3/4	1 1/4	.75
3125	13/16	1 1/4	.75
3126	13/16	1 1/4	.75
3128	7/8	1 1/4	.75

"Z" TYPE

NO.	Diam. In.	Lgth. In.	Offset In.	EACH
2214	7/16 - 1/2	3/4	1/2	$1.00
2216	1/2 - 7/16	1	1/2	1.00
2218	5/8 - 3/4	7/16	1/2	1.00
2220	3/4 - 11/16	7/16	1/2	1.00
2224	3/4 - 3/4	3/4	1/2	1.00

L TYPE

Length 7x10 inches

NO.	Hexagon Socket Size In.	EACH
1214	7/16 - 1/2	$0.95
1216	1/2 - 7/16	.95
1218	7/16 - 5/8	.95
1220	5/8 - 11/16	.95
1224	3/4 - 3/4	.95

SINGLE SOCKET OFFSET

NO.	Hexagon Socket Size In.	EACH
1114	7/16	$0.65
1116	1/2	.65
1118	9/16	.65
1119	5/8	.65
1120	5/8	.65
1122	11/16	.65
1124	3/4	.65
1125	13/16	.65
1126	13/16	.65
1128	7/8	.65

SPARK PLUG SOCKET WRENCHES

NO	EACH
3329	$0.50

For all 1/4" and 1" hexagon plugs.

NO.	EACH
3731	$0.50

For Ford and all 11/16" and 13/16" hexagon plugs.

BATTERY WRENCH

Socket sizes 7/16"-5/8" for battery terminals, starters, generators, etc.

NO	EACH
2018	$0.80

DOUBLE END BOX TYPE

Double Hexagon

A complete series in sizes from 3/8" to 3/4" inclusive. Same socket size on each end of tool.

NO.	Socket Size In.	EACH
2712	3/8	$1.70
2714	7/16	1.80
2716	1/2	1.95
2718	9/16	2.10
2719	5/8	2.25
2720	5/8	2.25
2722	11/16	2.45
2724	3/4	2.70
2725	13/16	3.00
2726	13/16	3.00
2728	7/8	3.25

Chrome Vanadium Steel

Six most popular box type wrenches in attractive and serviceable leatherette roll. Contains one each 2714, 2716, 2718, 2720, 2722, and 2724.

NO.	EACH
2700 Set in Tool Roll.	$14.60

SPECIAL BUICK BLACKHAWK WRENCHES

L

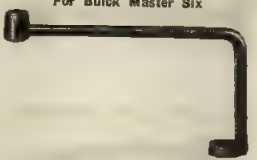
BUICK CYLINDER HEAD WRENCHES

For Buick Master Six

Socket size ¾-in., double hex.; diameter handle ⅞-in.; length overall 14⅛ inches. For use on only right rear stud nut of Master Six cylinder block.

NO.	lb Each	EACH
2324	2	$1.80

For Buick Master Six



Diameter handle ⅞-in., socket size ⅝-in. Buick Master six cylinder head cap screw wrench. For removing cylinder head cap screws without disturbing rocker arm assembly.

NO.	lb Each	EACH
2020	1⅛	$1.65

For Buick Standard Six

Diameter handle ⅞-in., socket size ⅝-in. Buick Standard six cylinder head cap screw wrench. For removing cylinder head cap screws without disturbing rocker arm assembly. Both openings drop forged and ground to ⅞-in. thickness. A real labor saving tool.

NO.	EACH
2020X	$1.65
2020J (for 1928 Buick)	1.65

For Buick Standard Six

For cylinder block stud nuts on buick Master Six and Standard Six.

Socket size ⅝-in., double hex.; diameter handle ⅞-in.; length overall 13⅜ inches. For use on only right rear stud nut of Standard Six cylinder block.

NO	lb Each	EACH
2320	1⅛	$1.80

For Buick Standard Six

Socket size ⅝-in., double hex.; diameter handle ⅞-in.; length overall 15⅜ inches. For use on all stud nuts of Buick Standard Six cylinder block except right rear.

NO	lb Each	EACH
2520	1⅛	$1.80

For Buick Master Six

Socket size ¾-in., double hex.; diameter handle ⅞-in.; length overall 14⅜ inches. For use on all Master Six cylinder block stud nuts except right rear.

NO	lb Each	EACH
2524	1⅜	$1.80

GENERAL MOTOR DISPLAY BOARD OF WRENCHES

This attractive three-colored steel front board No. 495 holds a stock of specials for Chevrolet, Buick and other popular cars produced by General Motors.

Display contains 32 tools. Two each of Nos. 4924X, 1316, 4926, 2020J, 2320, 2324, 2520, 2524, 3120, 6118, 2224, 4424, 1224, 2718, 2720 and 2724.

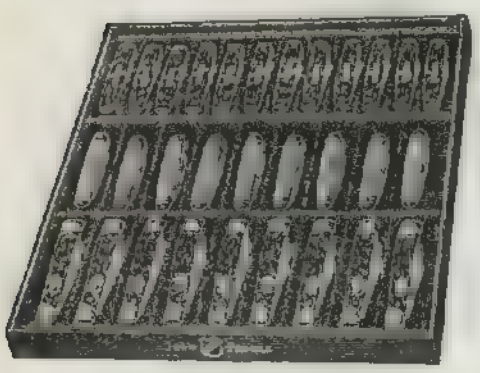
NO.	EACH
495	$48.50

D 8

POCKET KNIFE ASSORTMENTS

—JOHN PRIMBLE—

STAINLESS STEEL BLADES



Consists of 30 knives, 3 different patterns as illustrated below and Nos. as follows:
9 No 3001SS
9-No 3000SP
12-No. 3000SS

Per Ass't

No. 31SA—Oak case, golden gloss finish; green satin lined. Size 12¼x13½x1¼ ins **$97 50**

One in cardboard box; wt per ass't 8 lbs.

—JOHN PRIMBLE—

Assortment consists of 30 popular selling knives as listed below, complete with beautiful golden oak case, lined with green plush. Size case 12½x13¼ inches.

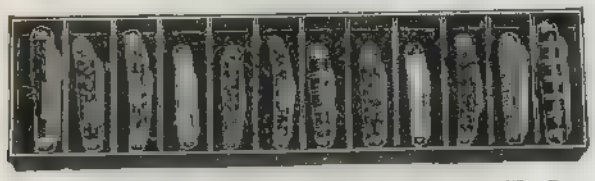
6 No. 5224S.	3—No. 5600I
4 No. 5223S.	4—No. 4808.
1—No. 5727W.	3 No. 4844S.
1—No. 5371JP.	4—No. 4921S.
1—No. 4860S.	3—No. 5169S.

Per Ass't

No. 20J PA—Complete as described **$63 00**

One ass't in carton; wt per ass't 6 lbs.

—JOHN PRIMBLE—



A B C D E F G H I J K L

Assortment consists of one each 12 popular selling knives as listed below, complete with attractive plush lined cardboard counter display case. Size case 3¼x15¼ inches.

(A)	No. 5145CP.	(G)	No. 4923CP.
(B)	No. 5735KT.	(H)	No. 4923S.
(C)	No. 5223S.	(I)	No. 4923PP.
(D)	No. 5251PP	(J)	No. 5222S.
(E)	No. 4927GS.	(K)	No. 4938GP
(F)	No. 5216KT.	(L)	No. 5741CP.

Per Ass't

No. 790JP—Ass't complete as described **$23 85**

One ass't in cardboard box; wt per ass't 1½ lbs.

POCKET KNIFE ASSORTMENTS

Cabinet made of hardwood, handsomely finished in mahogany lacquer enamel. The display board is finished in burnt orange and has a display surface of 13x37½ inches. Display board and glass front easily removed. Interior of case is devoted entirely to the storage of knives (as illustrated). There are 30 bins and 30 different knives displayed. There is plenty of storage space to carry a large stock of each number. A stock and price card is furnished with each case printed so dealer can insert numbers, costs and selling prices of each knife.

Assortment consists of Display Case (no charge) and 16½ dozen popular selling John Primble Knives as follows:

Nos.		Dealer's Cost	Retail Value
½—Doz.	4861-S	$ 4 00	$ 6 00
½—Doz.	4872-S	4 50	7 50
½—Doz.	4927-GS	4 00	6 00
1 —Doz.	4958-S	7 50	12 00
½—Doz.	4942-S	5 00	9 00
1 —Doz.	4961-JP	8 00	12 00
½—Doz.	4983-JP	5 25	9 00
⅜—Doz.	5008-S	4 00	6 00
½—Doz.	5010-S	3 00	4 50
½—Doz.	5072-S	4 00	6 00
½—Doz.	5073-S	4 00	6 00
½—Doz.	5140-S	5 00	7 50
½—Doz.	5145-CP	4 00	6 00
½—Doz.	5216-KT	4 00	6 00
½—Doz.	5145-PP	4 00	6 00
½—Doz.	5219-S	4 00	6 00
½—Doz.	5223-S	3 75	6 00
½—Doz.	5251-PP	4 00	6 00
½—Doz.	5370-SP	6 00	9 00
1 —Doz.	5371-JP	12 00	21 00
½—Doz.	5373-S	6 00	9 00
½—Doz.	5377-VP	6 00	10 50
½—Doz.	5378-JP	6 00	10 50
½—Doz.	5409-VP	4 00	6 00
½—Doz.	5727-W	6 00	9 00
½—Doz.	5739-OP	4 00	6 00
½—Doz.	5745-MP	4 00	6 00
½—Doz.	5745-PP	4 00	6 00
1 —Doz.	5748-S	6 00	9 00
½—Doz	5752-GP	4 00	6 00
	Retail Value		$235 50
	Cost to Dealer		150 00
	Dealers Profit		$85 50

No. 150 PA—Assortment complete including 16½ doz Pocket Knives and case as described, ... Per Ass't **$450 00**

No. 150-C—Display Case Only ..... Each **52 50**

POCKET KNIVES
—JOHN PRIMBLE—

The Blades—There positively is no finer Pocket Knives made than "John Primble". The blades which are the most important thing about a pocket knife are carefully forged from the very finest quality India Steel. There are no superiors.

Workmanship—In the manufacture of John Primble Pocket Knives only the very latest modern methods, combined with the most skilled workmanship are employed. Such detail as hardening, tempering, grinding and finishing is done with perfect accuracy which insures uniform excellance.

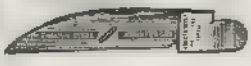
Stag Handles—The Stag Handles on John Primble Pocket Knives are genume, made from finest quality stag horns. This stag is carefully inspected for choice stock making it impossible to apply imperfect handles to the knives.

Pearl Handles—Only shells of the first water are selected for use on John Primble Pearl Handle Pocket Knives, possessing perfect skin of delicate texture, free from specks or flaws. They are clear translucent and of beautiful color.

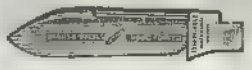
Inspection—Every John Primble Pocket Knife after having been made goes through a rigid inspection which makes the general excellance so superior that John Primble Pocket Knives have grown steadily in popularity for over 40 years. Every user of a Pocket Knife recognizes and appreciates quality. That is what you get in a John Primble. The quality of these knives is backed by the reputation of the Belknap Hardware and Manufacturing Company, protecting the dealers and consumers from defects and flaws incident to manufacture or faulty material.

Proper Care of Pocket Knives—They should be sharpened on oil stone holding the back of blade slightly elevated so that only the cutting edge rests on stone. Do not lay the blade flat like honing a razor. Never put a Pocket Knife blade on the stone or emery wheel. Never carry a Pocket Knife in a sweaty pocket as this will cause the linings of the knife to rust.

Saber


Wharncliffe

Clip


Spear

Saber Clip

Sheep Foot

Spey

Razor

Pruning

Budding

Three blades; clip, sheep foot and spey; brass lining; nickel silver bolster; half polished.

	Per Doz
No. 5371JP—Japanese pearl pyralin handle, length 4 ins	$37 50
No. 5378JP—Pearl pyralin handle, length 4 ins; with pen blade instead spey blade	37 50

Brass lining; nickel silver bolster; 3 blades, half polished; clip, sheep foot and spey points.

	Per Doz
No. 5370SP—Shell pyralin handle; length 3½ ins	$37 50

Half doz in attractive cardboard box.

Three blades; clip, spey and pen; brass lining; half polished.

	Per Doz
No. 5380SP—Shell pyralin handle, length 3½ ins	$37 50

Premier Stock Knife.

Brass lining; nickel silver bolster and shield; half polished.

	Per Doz
No. 5385S—Stag handle; length 4 ins	$37 50

Half doz in attractive cardboard box.

POCKET KNIVES
—JOHN PRIMBLE—

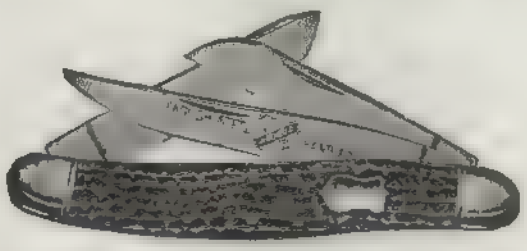
Special Stock Knife.

Brass lining; nickel silver bolster and shield; half polished.

Per Doz
No. 5388S—Stag handle; length 4 ins.....$37 50

Stock; brass lining; nickel silver bolster and shield, half polished.

Per Doz
No. 5372QS—Genuine stag handle; length 4 ins.....$40 50



Stock; brass lining; nickel silver bolsters and shield; half polished; full sunk joint.

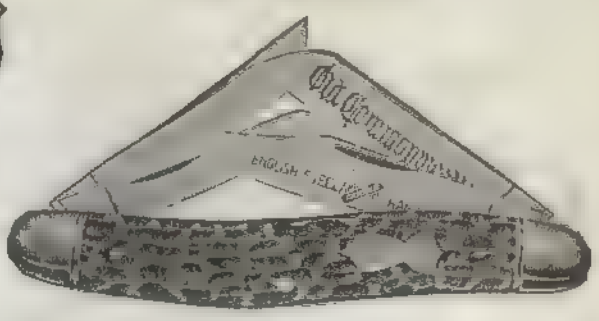
Per Doz
No. 5386S—Stag handle; length 3½ ins.....$37 50

Stock; brass lining; nickel silver bolsters and shield; half polished.

Per Doz
No. 5374S—Stag handle; length 3⅞ ins.....$37 50

Half doz in attractive cardboard box.

POCKET KNIVES
—JOHN PRIMBLE—

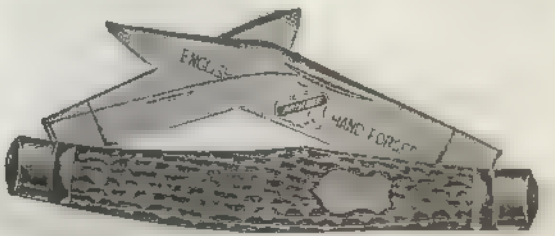


Stock; brass lining; nickel silver bolsters and shield; half polished.

Per Doz
No. 5389S—Stag handle; length 4 ins.....$45 00

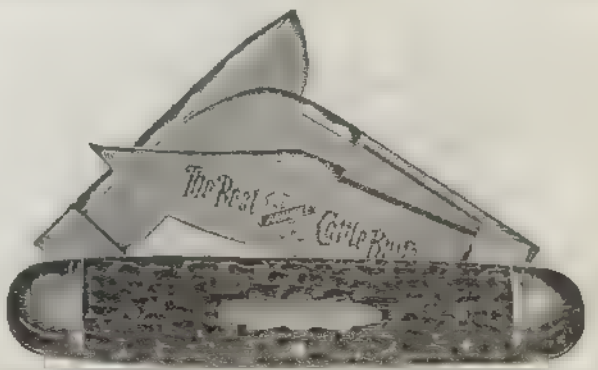
Stock; brass lining; nickel silver bolsters and shield; half polished.

Per Doz
No. 5382S—Stag handle; length 3 11/16 ins.....$37 50



Stock; brass lining; nickel silver bolsters and shield; half polished.

Per Doz
No. 5381S—Stag handle; length 3 11/16 ins.....$37 50



Cattle; brass lining; nickel silver bolsters and shield; half polished.

Per Doz
No. 5298S—Stag handle; length 4 ins.....$43 50

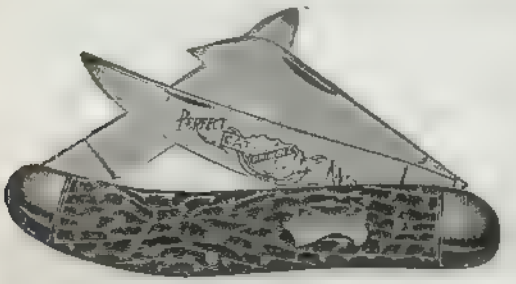
Half doz in attractive cardboard box.

POCKET KNIVES
—JOHN PRIMBLE—

Brass lining; nickel silver bolsters and shield, half polished.

Per Doz

No. 5287$—Stag handle cattle; length 3⅞ ins..... $37 50



Brass lining; nickel silver bolsters and shield; half polished. long.

Per Doz

No. 5287$JR—Stag handle; length 3 1/16 ins..... $37 50

Punch Knife.

Brass lining; nickel silver bolsters and shields; half polished.

Per Doz

No. 5383$—Stag handle; length 4 ins..... $37 50

Punch Knife.

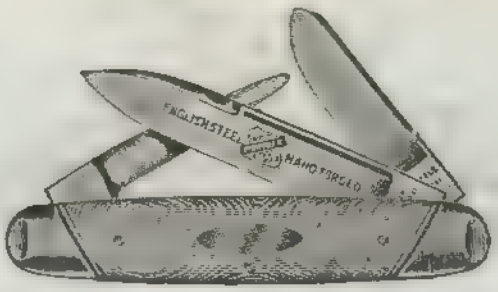
Brass lining; nickel silver bolsters and shield; half polished.

Per Doz

No. 05286$—Stag handle; etched Primble punch knife; length 3⅝ ins..... $37 50

Half doz in attractive cardboard box.

POCKET KNIVES
—JOHN PRIMBLE—



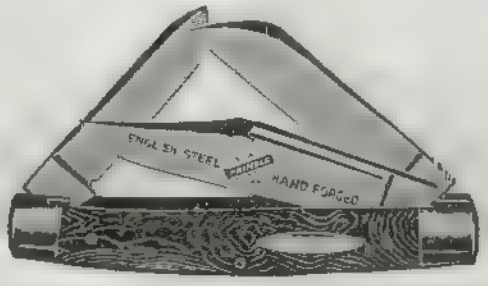
Punch Knife.

Three blades; half polished; spear, spey and punch; brass lining. Nickel silver bolsters.

Per Doz

No. 5269BP—Black pyralin handle; length 3¼ ins..... $37 50

No. 5269$—Stag handle; length 3¼ ins..... 37 50



Brass lining; nickel silver bolsters and shield; half polished.

Per Doz

No. 5376EP—Emerald pyralin handle; length 3⅜ ins... $37 50

No. 5376$—Stag handle; length 3⅜ ins..... 37 50

Brass lining; nickel silver bolsters and shield; half polished.

Per Doz

No. 5373$—Stag handle; length 3⅜ ins..... $37 50

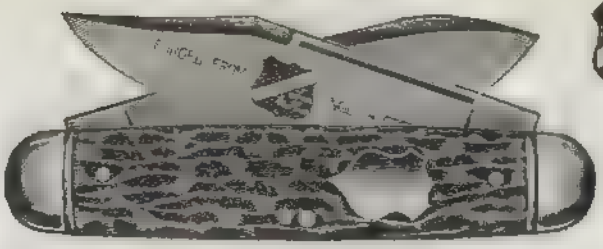
Brass lining; nickel silver bolsters and shield; half polished.

Per Doz

No. 5377VP—Varigated pyralin handle; length 3⅜ ins..... $37 50

Half doz in attractive cardboard box.

POCKET KNIVES
—JOHN PRIMBLE—

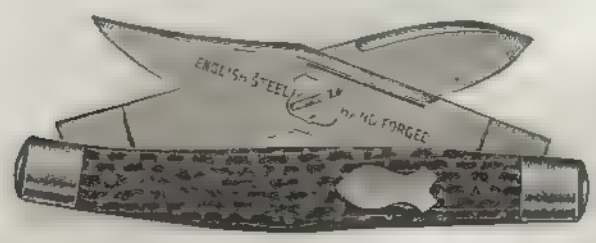


Texas Jack, extra heavy, brass lining; nickel silver bolsters and shield; half polished.

Per Doz
No. 4988S—Stag handle; length 4¼ ins. $37 50

Flat pattern; catch side; brass lining; nickel silver bolsters and shield; half polished.
Per Doz
No. 5433S—Stag handle; length 4 1/16 ins..... $31 50

Texas Jack; brass lining; nickel silver bolsters and shield half polished.
Per Doz
No. 4989S—Stag handle; length 4 ins..... $31 50



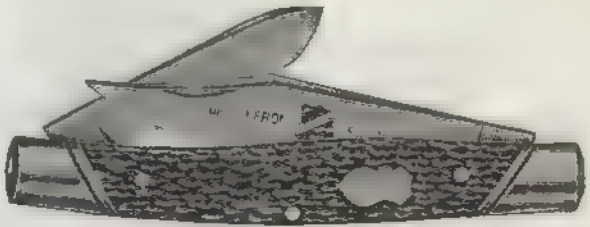
Texas Jack; nickel silver bolsters and shield; half polished.

Per Doz
No. 4987S—Stag handle; length 4 ins..... $31 50
Half doz in attractive cardboard box.

POCKET KNIVES
—JOHN PRIMBLE—

Brass lining; nickel silver bolsters and shield; half polished.

Per Doz
No. 4984S—Stag handle; length 4 ins..... $31 50



Brass lining; nickel silver bolsters and shield; half polished.
Per Doz
No. 4983S—Stag handle; length 4 ins..... $31 50

Brass lining; nickel silver bolsters and shield; half polished.

Per Doz
No. 4983JP—Japanese pearl pyralin handle, length 4 ins $33 00

Texas Jack; brass lining; nickel silver bolsters and shield, half polished.
Per Doz
No. 4986S—Stag handle; length 3⅞ ins..... $34 50
Half doz in attractive cardboard box.

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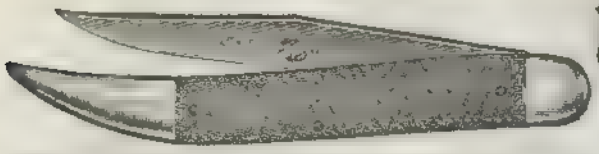
POCKET KNIVES
—JOHN PRIMBLE—



Brass lining; nickel silver bolster and cap; blade highly glazed and etched.

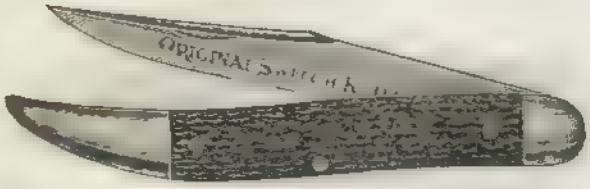
	Per Doz
No. 4815CP—Red and white striped pyralin handle; length 5 ins	$25 50
No. 4815GP—Gold pyralin handle; length 5 ins	25 50

Brass lining; nickel silver bolster and cap; blade highly glazed and etched.

	Per Doz
No. 4815$—Stag handle; length 5 ins	$25 50

Brass lining; nickel silver bolster and cap; blade highly glazed and etched.

	Per Doz
No. 4814VP—Pyralin handle with variegated stripes; length 5 ins	$30 00

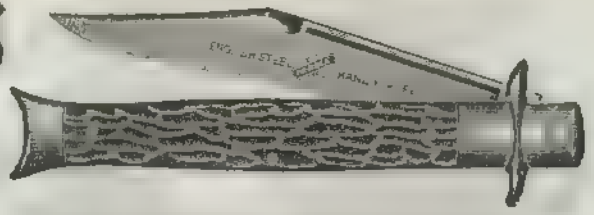


Brass lining; nickel silver bolster and cap; blade high'y glazed and etched.

	Per Doz
No. 4814$—Stag handle; length 5 ins	$28 50

Half doz in attractive cardboard box.

POCKET KNIVES
—JOHN PRIMBLE—

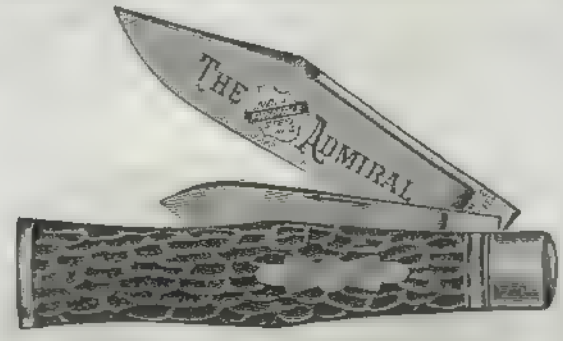


Brass lining; nickel silver bolsters; highly glazed.

	Per Doz
No. 5020$—Stag handle; length 4 ins	$25 50
No. 5020CR—Crimson pyralin handle; length 4 ins	25 50

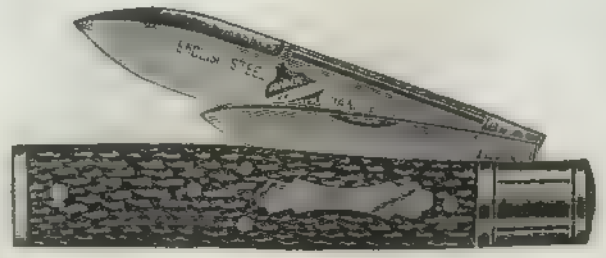
Steel lining, bolster and cap; highly glazed.

	Per Doz
No. 5023$—Stag handle; length 3⅞ ins	$37 50



Seal end; brass lining; nickel silver bolster, cap and shield; half polished.

	Per Doz
No. 5024$—Stag handle; length 4 ins	$37 50

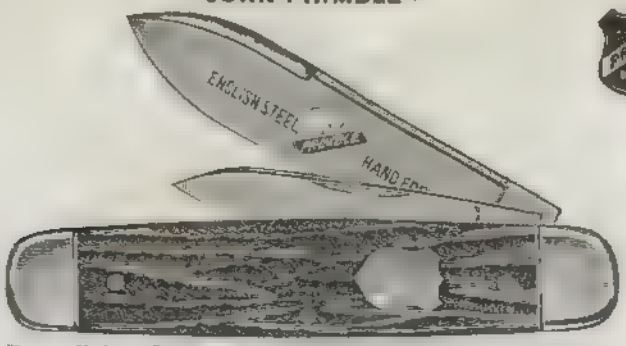


Seal end; brass lining; nickel silver bolster, cap and shield half polished.

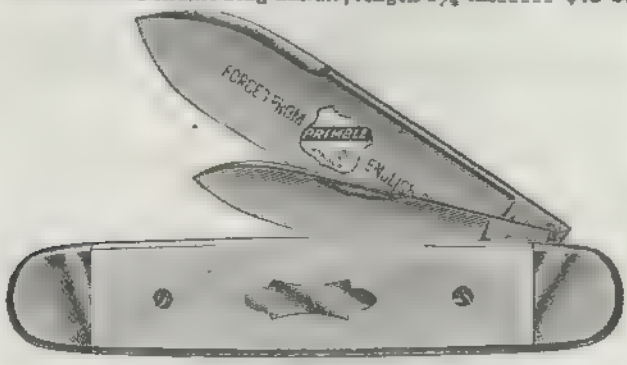
	Per Doz
No. 5206$—Stag handle; length 3¾ ins	$34 50

Half doz in attractive cardboard box.

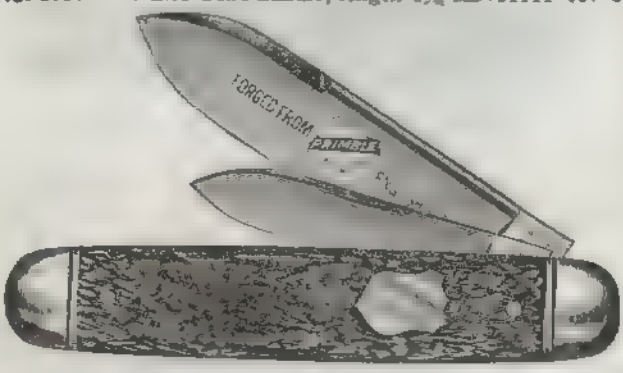
POCKET KNIVES
—JOHN PRIMBLE—



Brass lining; flat nickel silver bolster, cap and shield; half polished. Per Doz
No. 5204GS—Genuine stag handle; length 4¼ ins..... $43 50



Brass lining; nickel silver bolster and cap; half polished. Per Doz
No. 5727W—White bone handle; length 4¼ ins..... $37 50

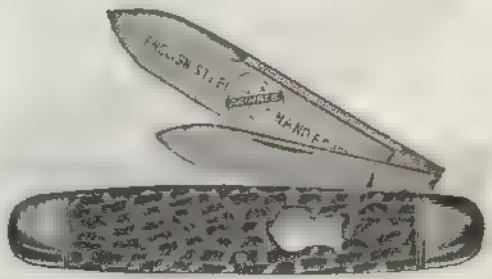


Brass lining; nickel silver bolster, cap and shield; half polished. Per Doz
No. 5180S—Stag handle; length 4¼ ins..... $34 50

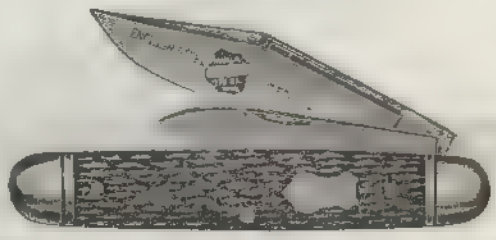
Brass lining; nickel silver bolster, cap and shield; half polished. Per Doz
No. 4872S—Stag handle; length 4 ins..... $28 50
Half doz in attractive cardboard box.

POCKET KNIVES
—JOHN PRIMBLE—

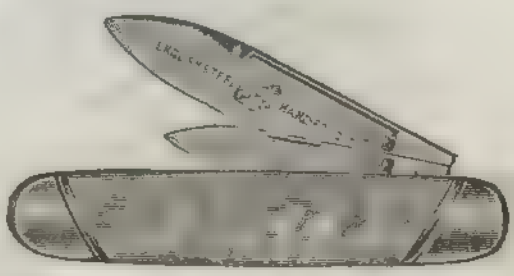
Brass lining; nickel silver bolster, cap and shield; half polished. Per Doz
No. 4860S—Stag handle; length 3⅝ ins..... $25 50



Brass lining; nickel silver bolster, cap and shield; half polished. Per Doz
No. 4955S—Stag handle; length 3¼ ins..... $24 00

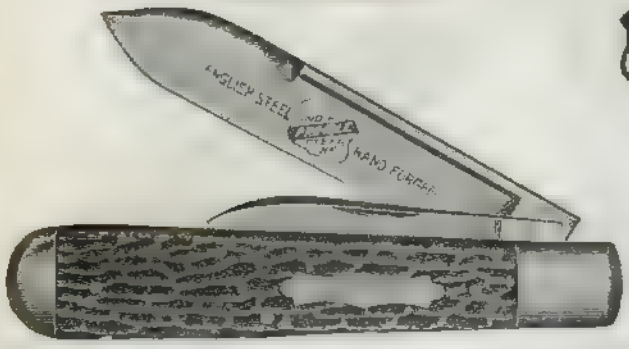


Brass lining; nickel silver bolster, cap and shield; half polished. Per Doz
No. 4958S—Stag handle; length 3¼ ins..... $24 00
No. 4958BP—Black pyralin handle; length 3¼ ins.. 24 75



Brass lining; nickel silver bolster and cap. Per Doz
No. 4961JP—Japanese pearl pyralin handle; length 3¼ ins..... $25 50
No. 4961VP—Varigated pyralin handle; length 3¼ ins.. 25 50
Half doz in attractive cardboard box.

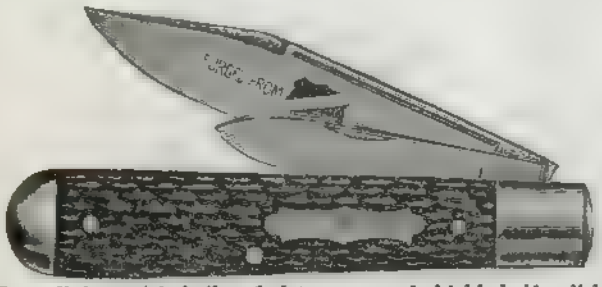
POCKET KNIVES
—JOHN PRIMBLE—



Brass lining; nickel silver bolster, cap and shield; half polished.

Per Doz

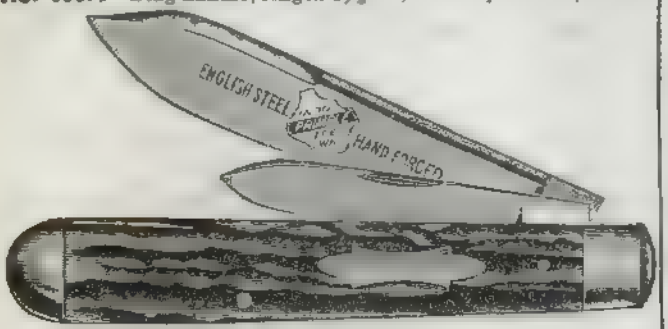
No. 5035$—Stag handle; length 4½ ins, with spear blade **$31 50**



Brass lining; nickel silver bolster, cap and shield; half polished.

Per Doz

No. 5037$—Stag handle; length 4½ ins; with clip blade **$31 50**



Brass lining; nickel silver bolster, cap and shield; half polished.

Per Doz

No. 5195G$—Genuine stag handle; length 4¼ ins..... **$43 50**

Brass lining; nickel silver bolster, cap and shield; half polished.

Per Doz

No. 5036$—Stag handle; length 4½ ins ... **$34 50**

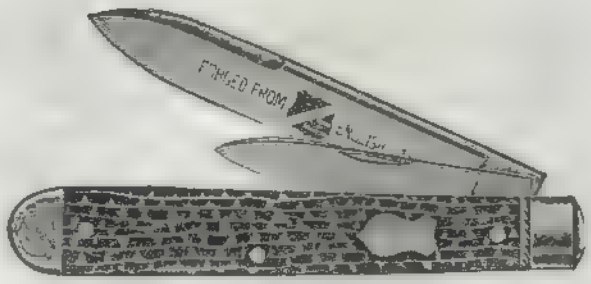
Half doz in attractive cardboard box.

POCKET KNIVES
—JOHN PRIMBLE—

Brass lining; nickel silver bolster, cap and shield; half polished.

Per Doz

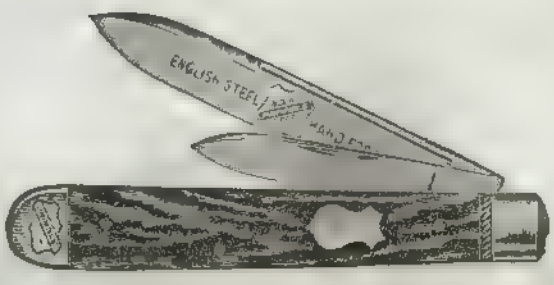
No. 4942$—Stag handle; length 4¼ ins..... **$31 50**



Brass lining; nickel silver bolster, cap and shield; half polished.

Per Doz

No. 5143$—Stag handle; length 4¹⁵⁄₁₆ ins..... **$31 50**



Brass lining; nickel silver bolster, cap and shield; half polished.

Per Doz

No. 5140$—Stag handle; length 3¾ ins **$31 50**

Half doz in attractive cardboard box.

POCKET KNIVES
—JOHN PRIMBLE—

Extra long swaging on blade; brass lining; nickel silver bolster, cap and shield; half polished.

Per Doz

No. 5057$—Stag handle; length 3⅝ ins **$31 50**

Brass lining; nickel silver bolsters and shield; half polished.

Per Doz

No. 4995$—Stag handle; length 3⅝ ins..... **$28 50**

Dollar Clipper.

Brass lining; nickel silver bolster, cap and shield; half polished and etched.

Per Doz

No. 4710$—Stag handle; length 3⅝ ins..... **$27 00**

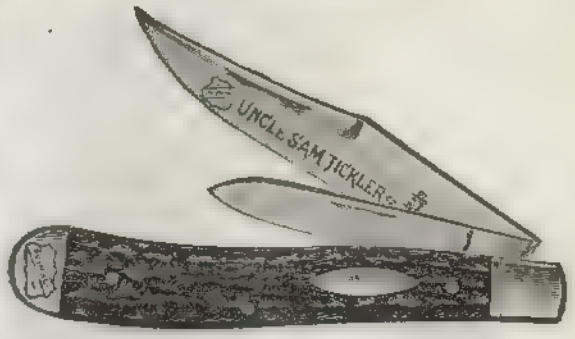
Brass lining; steel bolster, nickel silver cap; half polished.

Per Doz

No. 5208$—Stag handle; length 3¾ ins..... $31 50
No. 5208BP—Black pyralin handle; length 3¾ ins... 34 50
No. 5208P—Pearl handle; length 3¾ ins..... 75 00

Half doz in attractive cardboard box.

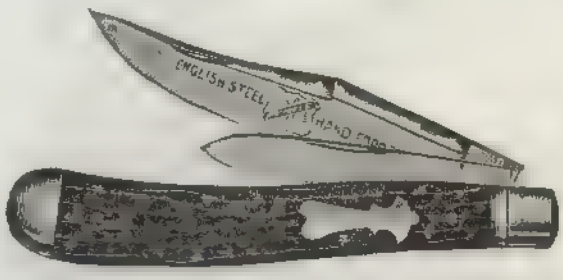
POCKET KNIVES
—JOHN PRIMBLE—



Brass lining; flat nickel silver bolster, cap and shield; half polished.

Per Doz

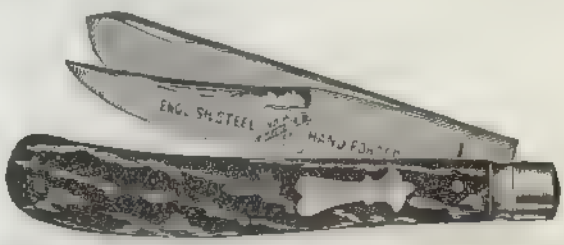
No. 5132$—Stag handle; length 3 11/16 ins..... **$30 00**



Brass lining; nickel silver bolster, cap and shield; half polished.

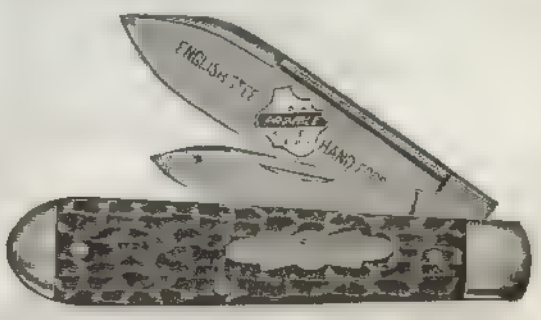
Per Doz

No. 5134$—Stag handle; length 3⅞ ins..... **$28 50**



Genuine stag handle; brass lining; nickel silver bolster and shield; half polished.

No. 5137G$—With large speying blade, as illustrated; length 3 11/16 ins..... Per Doz **$31 50**



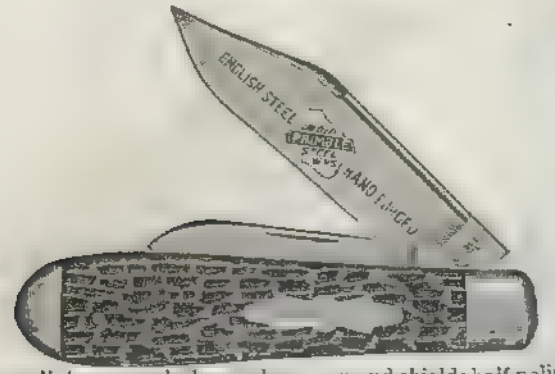
Stag handle; brass lining; nickel silver bolster, cap and shield; half polished.

Per Doz

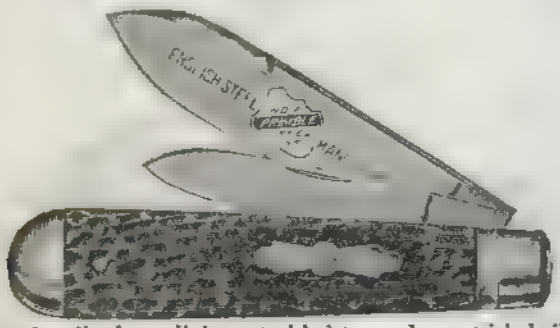
No. 5072$—With spear blade, length 3⅝ ins **$25 50**
No. 5076$—With sheep foot blade, length 3⅝ ins **25 50**

Half doz in attractive cardboard box.

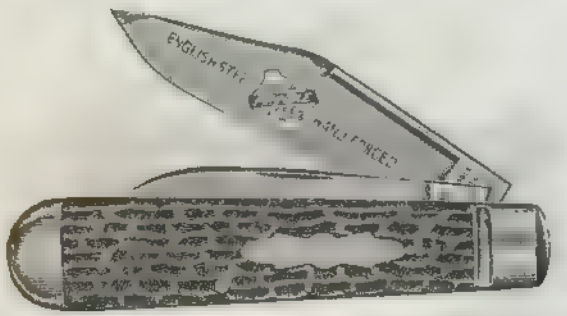
POCKET KNIVES
—JOHN PRIMBLE—



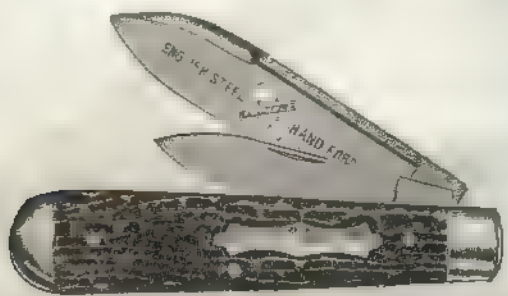
Brass lining; nickel silver bolster, cap and shield; half polished.
Per Doz
No. 5073$—Stag handle; length 3⅝ ins..... $25 50



Stag handle, brass lining; steel bolster and cap; nickel silver shield; half polished
Per Doz
No. 5123$ With spear blade; length 3¾ ins..... $25 50
No. 5124$—With sheep foot blade; length 3¼ ins..... 25 50

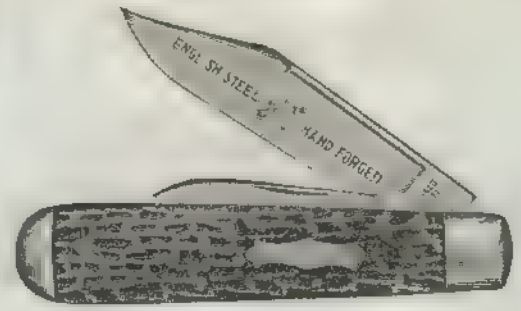


Brass lining; steel bolster and cap; nickel silver shield; half polished.
Per Doz
No. 5125$ Stag handle length 3¾ ins..... $25 50

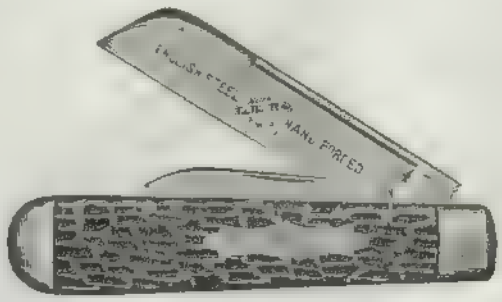


Brass lining; nickel silver bolster, cap and shield; half polished.
Per Doz
No. 5160$—Stag handle; length 3⅝ ins..... $25 50
Half doz in attractive cardboard box.

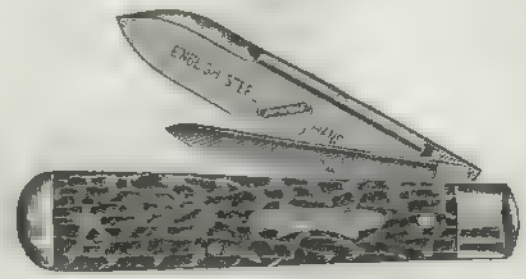
POCKET KNIVES
—JOHN PRIMBLE—



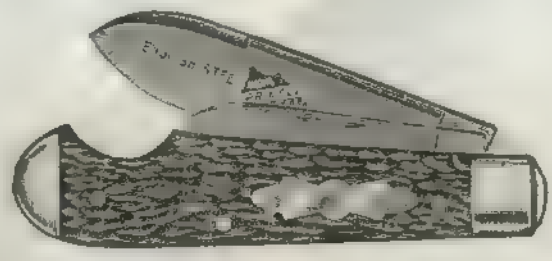
Brass lining; nickel silver bolster, cap and shield; half polished.
Per Doz
No. 5169$—Stage handle; length 3⅝ ins..... $25 50



Brass lining; nickel silver bolster, cap and shield; half polished.
Per Doz
No. 5168$—Stag handle; length 3⅜ ins..... $25 50



Punch Knife.
Brass lining; nickel silver cap, bolster and shield; half polished and etched.
Per Doz
No. 05670$—Stag handle; length 3 1/16 ins..... $24 75

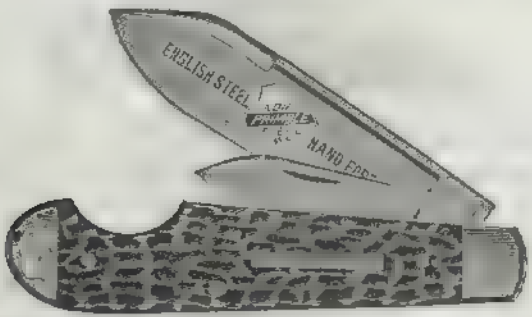


Easy opener; brass lining; nickel silver bolster, cap and shield; half polished.
Per Doz
No. 5175$—Stag handle; length 3⅝ ins..... $25 50
Half doz in attractive cardboard box.

POCKET KNIVES
—JOHN PRIMBLE—

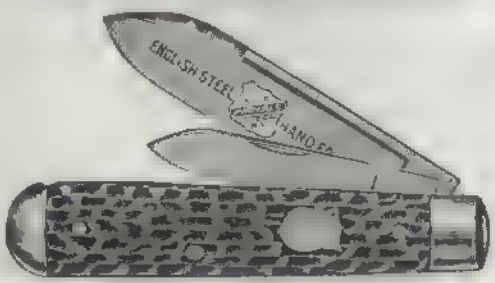
Easy opener; brass lining; flat nickel silver bolster, cap and shield; half polished. Per Doz

No. 5171S—Stag handle; length 3 3/8 ins..... $24 75



Easy opener; brass lining; flat nickel silver bolster, cap and shield; half polished. Per Doz

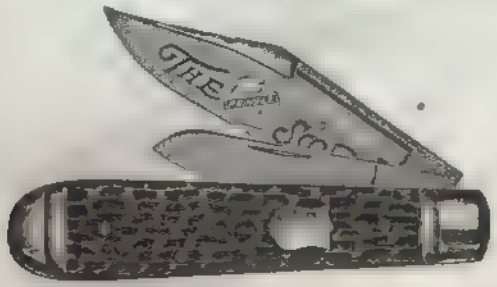
No. 5172S—Stag handle; length 3 1/4 ins..... $28 50



Brass lining; nickel silver bolster, cap and shield; half polished. Per Doz

No. 4954S—Stag handle; length 3 7/16 ins..... $25 50

No. 4953S—Stag handle, with clip blade; length 3 7/16 ins..... 25 50



The Scout.

Brass lining; hollow nickel silver bolster and cap; nickel silver shield; half polished. Per Doz

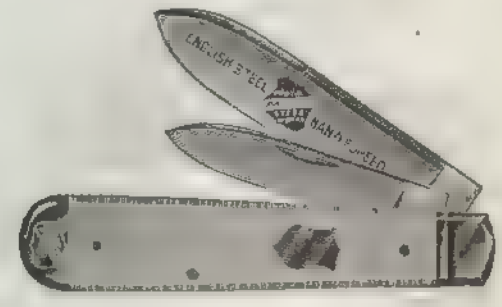
No. 4841S—Stag handle; length 3 5/16 ins..... $24 75

Half doz in attractive cardboard box.

POCKET KNIVES
—JOHN PRIMBLE—

Brass lining; nickel silver bolster, cap and shield; highly polished. Per Doz

No. 4844S—Stag handle; length 3 5/16 ins..... $24 75

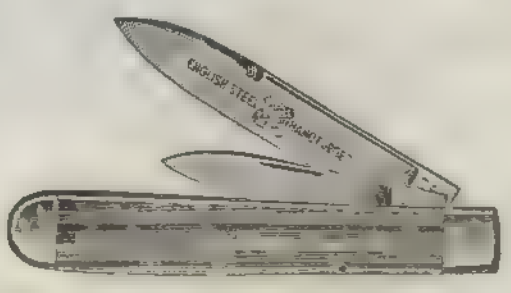


Brass lining; nickel silver bolster, cap and shield; spear and pen points; half polished. Per Doz

No. 57390P—Opal pyralin handle; length 3 5/16 ins..... $25 50

Flat nickel silver bolster, cap and shield; half polished. Per Doz

No. 5147S—Stag handle; length 3 5/16 ins..... $25 50



Brass lining; nickel silver bolster and cap; 2 blades, spear and pen points; half polished. Per Doz

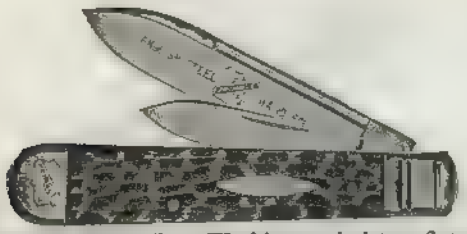
No. 5145CP—Pyralin handle; length 3 5/16 ins..... $25 50

No. 5145PP—Pearl pyralin handle; length 3 5/16 ins..... 25 50

Half doz in attractive cardboard box.

D 6

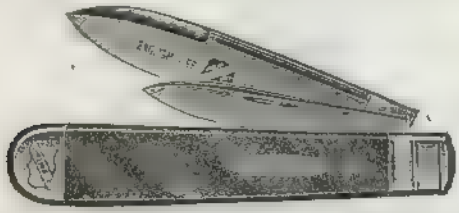
POCKET KNIVES
—JOHN PRIMBLE—



Brass lining; nickel silver Washington bolster; flat cap and pumpkin seed shield; half polished. Per Doz

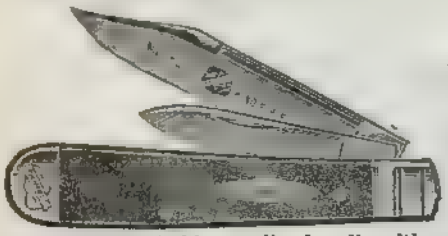
No. 4938$—Stag handle, with spear blade, as illustrated; length 3 ins..... $25 50

No. 4939$—Stag handle, with clip blade; length 3 ins..... 25 50



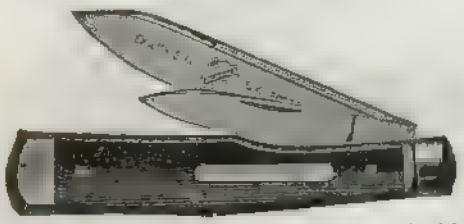
Brass lining; nickel silver Washington bolster; flat cap and pumpkin seed shield; half polished. Per Doz

No. 4938GP—Gold pyralin handle, with spear blade; length 3 ins..... $25 50



Brass lining; nickel silver Washington bolster; flat cap and pumpkin seed shield; crocus polished Master blade. Per Doz

No. 4939GP—Gold pyralin handle with clip blade; length 3 ins..... $25 50



Brass lining; nickel silver bolster, cap and shield; half polished. Per Doz

No. 4937B—Black pyralin handle; length 3 1/16 ins..... $25 50

No. 4937$—Stag handle; length 3 1/16 ins..... 25 50

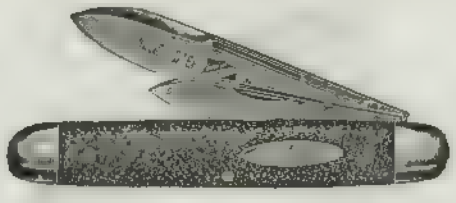
Two blades, clip and pen; nickel silver bolster and shield; half polished. Per Doz

No. 4992$—Stag handle; length 3 1/4 ins..... $25 50

No. 4992AP—Pyralin handle, assorted colors; blue, green and white; length 3 1/4 ins..... 25 50

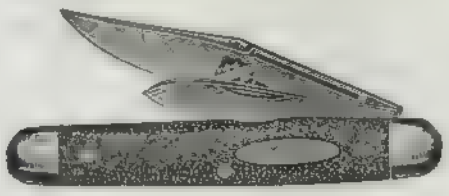
Half doz in attractive cardboard box.

POCKET KNIVES
—JOHN PRIMBLE—



Brass lining; nickel silver bolster, cap and shield; half polished. Per Doz

No. 5746GP—Gold pyralin handle; length 3 1/8 ins..... $25 50

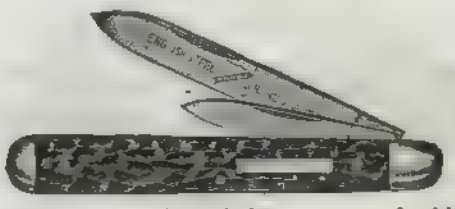


Brass lining; nickel silver bolster, cap and shield; half polished. Per Doz

No. 5747GP—Gold pyralin handle; length 3 1/8 ins..... $25 50

Brass lining; nickel silver bolster and cap; half polished. Per Doz

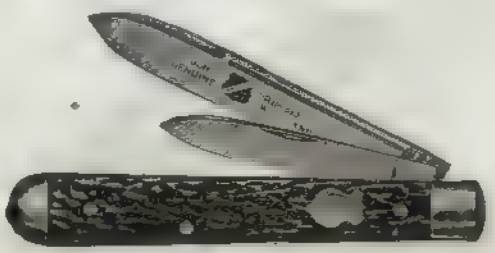
No. 5740PP—Plum pyralin handle; length 3 ins..... $25 50



Brass lining; nickel silver bolster, cap and shield; half polished. Per Doz

No. 4949$—Stag handle; length 3 ins..... $25 50

No. 4949PP—Pearl pyralin handle; length 3 ins..... 25 50



Switch Knife.

Brass lining; nickel silver bolster cap and shield; half polished. Per Doz

No. 5726$—Stag handle; length 3 5/8 ins..... $25 50

Half doz in attractive cardboard box.

L

RICHLUBE OILS

Made in the State of Pennsylvania from Selected Premium Pennsylvania Amber Crude. They bear the stamp of the Pennsylvania Grade Crude Oil Association, which is a guarantee of their superiority. They are straight run (not blended) Pennsylvania stocks graded to correct specifications for the lubrication of internal cumbustion engines of all types.

LIGHT

Pale amber color. High flash. Filtered. Correct for both splash and force feed systems.

NO.	Container	Cans In Case	lb Case	GALLON
½RL	½ gal. Can	12	65	$1.60
1RL	1 gal. Can	12	120	1.40
5RL	5 gal. Can	2	90	1.04
15RL	15 gal. Drum	....	130	.94
55RL	55 gal. Drum	....	450	.73

MEDIUM

Rich amber color. High flash. Filtered. Neutral. A correct lubricant for high speed, water cooled motors which require a medium oil.

NO.	Container	Cans In Case	lb Case	GALLON
½RM	½ gal. Can	12	65	$1.80
1RM	1 gal. Can	12	120	1.55
5RM	5 gal. Can	2	90	1.15
15RM	15 gal. Drum	....	130	1.05
55RM	55 gal. Drum	....	450	.86

HEAVY

Ruby color with green bloom. Very high flash. Filtered. Neutral. Maintains strong body under high heat. An excellent product for all types of automobile and truck motors requiring a heavy oil. Also adapted for use in air cooled motors.

NO.	Container	Cans In Case	lb Case	GALLON
½RH	½ gal. Can	12	65	$1.80
1RH	1 gal. Can	12	120	1.55
5RH	5 gal. Can	2	90	1.15
15RH	15 gal. Drum	....	130	1.05
55RH	55 gal. Drum	....	450	.86

No charge will be made for 15-gallon steel drum.

A charge of $6.00 will be made for 55-gallon steel drum. A credit for the amount will be passed if 55-gallon drum is returned—transportation prepaid. No credit allowed for 15-gallon drum.

EXTRA HEAVY

Rich ruby color with green bloom. Filtered. Very high flash. Maintains viscosity at high temperatures. Recommended for sleeve valve, tractor, truck, and airplane motors where a heavier oil than the Heavy grade is required.

NO.	Container	Cans In Case	lb Case	GALLON
½RX	½ gal. Can	12	65	$2.00
1RX	1 gal. Can	12	120	1.70
5RX	5 gal. Can	2	90	1.21
15RX	15 gal. Drum	....	130	1.11
55RX	55 gal. Drum	....	450	.90

X X HEAVY

Dark ruby color with deep green bloom. Filtered. Extremely high flash. Free flowing but maintains high viscosity under heat. Recommended especially for motorcycle and tractor lubrication.

NO.	Container	Cans In Case	lb Case	GALLON
½RXX	½ gal. Can	12	65	$2.00
1RXX	1 gal. Can	12	120	1.70
5RXX	5 gal. Can	2	90	1.26
15RXX	15 gal. Drum	....	130	1.16
55RXX	55 gal. Drum	....	450	.96

FORLUBE

A compounded oil produced under special formula to meet the special requirements of the Ford lubricating system. The result of over four years of laboratory and actual road tests. Manufactured from the purest Pennsylvania stocks.

NO.	Container	Cans In Case	lb Case	GALLON
½FL	½ gal. Can	12	65	$1.60
1FL	1 gal. Can	12	120	1.35
5FL	5 gal. Can	2	90	1.06
15FL	15 gal. Drum	....	130	.98
55FL	55 gal. Drum	....	450	.75

TRACTOR F

This product represents as high a quality of lubricating oil as can be obtained for tractor lubrication and will hold up and give perfect lubrication under extreme heat conditions and long operating periods in this type of equipment.

NO.	Container	Cans In Case	lb Case	GALLON
1RTF	1 gal. Can	12	120	$1.35
5RTF	5 gal. Can	2	90	1.10
15RTF	15 gal. Drum	....	130	1.00
55RTF	55 gal. Drum	....	450	.85

Antiques of 1847 Revived in Pewter

(The Celebrated Flagg & Homan Brand)

FLAGG & HOMAN TRADE-MARK

FLAGG & HOMAN TRADE-MARK

The House of Co-operation Inc. 1889 1930

These fine old Pewter pieces are most of them actual revivals from the designs and tools developed by ASA F. FLAGG and HENRY HOMAN MORE THAN 80 YEARS AGO, and now reproduced by their successor, THE HOMAN MANUFACTURING CO. The remainder are inspired by the work of early American pewterers or by English models

The Pewter productions of FLAGG AND HOMAN have long been sought by collectors of Pewter, and are now placed within reach of the general public with all the charms of the original designs and the sentiment connected with quaint old processes of manufacture.

All wares made under this trade mark conform to the traditions of the best early Pewter. They are massive in design, rich in simplicity, so characteristic of Colonial days, and fabricated from metal of a thickness and weight to ensure sturdy wearing qualities. A very high tin content and freedom from lead give the fine and enduring Pewter lustre. Will not tarnish.

GIFTS THAT LAST

PEWTER CANDLESTICK

A finely proportioned piece, enriched with artistic floral design. Height 14¾ inches. So admirably suited as a distinctive gift item. Heavy weight. Exquisite lustre.

No. 9H 7C Each $15 00

PEWTER FIVE-PIECE TEA AND COFFEE SERVICE

Unmistakably antiquated in appearance and exuberant in charm to grace the modern and well appointed table. Heavy weight. Finest workmanship and finish.

No. 9H 8 Complete Five-Piece Tea and Coffee Service, Per set $75 00

Separate Pieces Furnished at Following Prices

No. 9H 8A Coffee Pot, height, 10⅛ inches, capacity 7 half pints Each $24 00
No. 9H 8B Tea Pot height 10⅛ inches, capacity 6 half pints Each 22 00
No. 9H 8C Sugar Bowl, height, 6⅝ inches Each 12 50
No. 9H 8D Cream Pitcher, height, 8⅛ inches Each 10 50
No. 9H 8E Waste Bowl height 3¾ inches Each 6 00

PEWTER CANDLESTICK

Has the charm of a majolica, that bespeaks unusual richness. Heavy weight. Finest workmanship and beautiful lustre and finish. Height, 12¾ inches

No 9H/5C Each . .$13.75

PEWTER FOUR-PIECE TEA SET

Pewter of the celebrated Flagg & Homan brand when offered at such a low price, as quoted, is justly recognized as a remarkable value. The smoothness of the metal, the soft, yet beautiful lustre are attributes of quality by which high quality pewter is judged. An excellent weight and fine workmanship will please you.

No. 9H 81 Four-Piece Tea Set, as shown $45 00

SEPARATE PIECES FURNISHED AT FOLLOWING PRICES

No. 9H 81A Coffee Pot, height 9⅛ inches Each $15 75
No. 9H 81B Sugar Bowl height 5¾ inches Each 6 50
No. 9H 81C Cream Pitcher height 7¾ inches Each 7 25
No. 9H 81D Tray, length 14 inches, open end handles Each 13 50

PEWTER SYRUP AND PLATE

A companion piece to the above set

Height 3½ inches. Of excellent weight. Finest workmanship and finish. An especially popular item in Pewter. Ideal for Gift purposes.

No. 9H 17 each $11 75

PEWTER FOUR PIECE TEA SET

This is an exact replica of one in quite a vogue 80 years ago. It possesses the same full rounded outline and sound, substantial weight of its heavy weight. Its enduring nature is attributable to the high grade material used in construction. You will be fully satisfied with its intrinsic value at this low price.

No. 9H 80 Four-Piece Tea Set, as shown $53 25

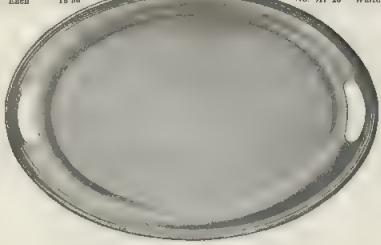
SEPARATE PIECES FURNISHED AT FOLLOWING PRICES

No. 9H 80A Coffee Pot, 10½ inches high, height 9⅝ inches Each $20 00
No. 9H 80B Sugar Bowl, height 5¾ inches Each 8 75
No. 9H 80C Cream Pitcher height 4½ inches Each 8 00
No. 9H 26 Waiter 13-inch Each 16 50

PEWTER SYRUP AND PLATE

Because it reduces to a minimum the reducing of beautiful lustre, thus eliminating polishing etc., Pewter Syrup and Plate dishes are very practical. Height 5⅝ inches. Excellent weight. Nicely made and finished

No. 9H/32 Each . . $11.75



PEWTER WAITER

(A companion piece to above Tea and Coffee Service)

Length 23 inches. Open handles. Heavy weight. Excellent workmanship and finish.

No. 9H/36 Each $60.00

PEWTER SYRUP AND PLATE

Designed distinctively as a syrup and plate dish should be. Tall and graceful, yet of excellent weight, correct proportions, fine workmanship and faultless finish. Height, 6⅛ inches. Priced low.

No. 9H/73P Each $12.50

008603 Tea or Coffee Set
Three Pieces
Coffee Pot, Sugar Bowl and Cream Pitcher
List, set, $81.36; Consumer, set, **$65.00**

008611 Waiter, 16 inch, oblong (not illustrated)
List, each, $31.30; Consumer, **$25.00**

008646 Service Plate, 10½ in.
List, each, $12.52; Consumer, **$10.00**

008647 Bread and Butter Plate
Diameter, 6½ inches
List, each, $6.26; Consumer, each, **$5.00**

008644 Salt and Pepper Set
Height, 6¾ inches
List, set, $12.53; Consumer, set, **$10.00**

008653 Candlesticks
Height, 10½ inches
List, pair, $31.30; Consumer, pair, **$25.00**

008639 Double Vegetable Dish
Side Handles
Length, 12¼ inches
List, each, $31.30
Consumer, each, **$25.00**

ANCESTRAL PATTERN

Etched
Butler Grey Finish

Matching the Spoons, Forks and Knives in the Ancestral Pattern

Meat Dishes, Plain

		List	Consumer
008631	16 inch	*$25.04*	**$20.00**
008632	18 inch	*31.30*	**25.00**

Meat Dishes, Well and Tree

		List	Consumer
008636	18 inch	*$40.68*	**$32.50**
008637	20 inch	*46.94*	**37.50**

008641 Gravy Boat and Plate
Capacity, 9 ounces
List, set, $25.04; Consumer, set, **$20.00**

008650 Centerpiece, Gold Lined
Diameter, 13 inches
With Silver Plated Double Mesh
List, each, $50.06; Consumer, each, **$40.00**

008643 Water Pitcher
Capacity, 4 pints
List, each, $37.54; Consumer, each, **$30.00**

008624 Bread Tray
Length, 13 inches
List, each, $15.64
Consumer, each, **$12.50**

Tea Pot, Coffee Pot, Sugar Bowl, Cream Pitcher and Waste Bowl

		List	Consumer
008605	Set of Five Pieces	*$125.16*	**$100.00**
008604	Set of Four Pieces	*112.64*	**90.00**
008603	Set of Three Pieces	*81.36*	**65.00**
008606	Coffee Pot (or Chocolate), 45 ounces	*31.30*	**25.00**
008607	Tea Pot, 32 ounces	*31.30*	**25.00**

		List	Consumer
008608	Sugar Bowl	*$25.04*	**$20.00**
008609	Cream Pitcher, Gold Lined	*25.04*	**20.00**
008610	Waste Bowl, Gold Lined	*12.52*	**10.00**
008612	Waiter, 22 inch, oblong (not illus.)	*50.06*	**40.00**
008611	Waiter, 16 inch, oblong (not illus.)	*31.30*	**25.00**

.1847 ROGERS BROS.

SILVERPLATE

6-29-23

008503 Tea or Coffee Set
Three Pieces
Coffee Pot, Sugar Bowl and Cream Pitcher
List, set, $81.36; Consumer, set, **$65.00**

008511 Waiter, 16 inch, oblong (not illustrated)
List, each, $31.30; Consumer, **$25.00**

008546 Service Plate, 10 in.
List, each, $12.52; Consumer, **$10.00**

008547 Bread and Butter Plate
Width, 6 inches
List, each, $6.26; Consumer, each, **$5.00**

008544 Salt and Pepper Set
Height, 6¼ inches
List, set, $12.52; Consumer, set, **$10.00**

008553 Candlesticks
Height, 10½ inches
List, pair, $31.30; Consumer, pair, **$25.00**

008539 Double Vegetable Dish
Side Handles
Length, 11 inches
List, each, $31.30; Consumer, each, **$25.00**

ANNIVERSARY PATTERN

Butler Grey Finish

Matching the Spoons, Forks and Knives in the Anniversary Pattern

Meat Dishes, Plain

		List	Consumer
008531	16 inch	*$25.04*	**$20.00**
008532	18 inch	*31.30*	**25.00**
008533	20 inch	*37.54*	**30.00**

Meat Dishes, Well and Tree

008535	16 inch	*$34.42*	**$27.50**
008536	18 inch	*40.68*	**32.50**
008537	20 inch	*46.94*	**37.50**

008541 Gravy Boat and Plate
Capacity, 12 ounces
List, set, $25.04; Consumer, set, **$20.00**

008550 Centerpiece, Gold Lined
Diameter, 11½ inches
With Silver Plated Double Mesh
List, each, $80.06, Consumer, each, **$40.00**

008543 Water Pitcher
Capacity, 4 pints
List, each, $37.54; Consumer, each, **$30.00**

008524 Bread Tray
Length, 12½ inches
List, each, $15.64
Consumer, each, **$12.50**

Tea Pot, Coffee Pot, Sugar Bowl, Cream Pitcher and Waste Bowl

		List	Consumer
008505	Set of Five Pieces	*$125.16*	**$100.00**
008504	Set of Four Pieces	*112.64*	**90.00**
008503	Set of Three Pieces	*81.36*	**65.00**
008506	Coffee Pot (or Chocolate), 32 ounces	*31.30*	**25.00**
008507	Tea Pot, 26 ounces	*31.30*	**25.00**

		List	Consumer
008508	Sugar Bowl	*$25.04*	**$20.00**
008509	Cream Pitcher, Gold Lined	*25.04*	**20.00**
008510	Waste Bowl, Gold Lined	*12.52*	**10.00**
008512	Waiter, 22 inch, oblong (not illus.)	*50.06*	**40.00**
008511	Waiter, 16 inch, oblong (not illus.)	*31.30*	**25.00**

.1847 ROGERS BROS.

SILVERPLATE

6-29-26

An International Silver Co. Product

AMBASSADOR PATTERN

Six in Box

		Per Dozen List	Consumer
8401	Tea Spoons	$9.18	$7.50
8402	Dessert or Oval Soup Spoons	18.36	15.00
8403	Table or Serving Spoons	18.36	15.00
8404	Soup Spoons, Round Bowl	18.36	15.00
84005	Bouillon Spoons, Gift Box	17.74	14.50
8405	Dessert Forks	18.36	15.00
8406	Dessert or Luncheon Forks	18.36	15.00

Solid Handle Knives

With Stainless Blades

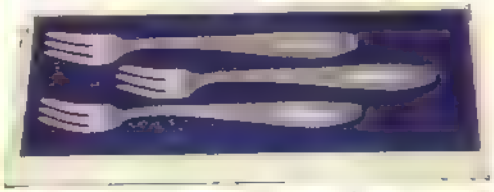
84472s	Dinner Knives	$18.28	$14.00

The above knives have French shape blades

84475s	Fruit Knives	16.32	12.50

84008 Coffee Spoons
List, set of six, $4.59; Consumer, set of six $3.75

84013 Olive Spoon
List, each, $2.15; Consumer, each, $1.75



84106 Oyster or Cocktail Forks
List, set of six, $6.45; Consumer, set of six, $5.25

84227 Gravy Ladle
List, each, $3.38; Consumer, each, $2.75

84226 Mayonnaise or Sauce Ladle
List, each, $2.76; Consumer, each, $2.25

Like a true ambassador, the Ambassador pattern worthily represents the great line of which it is a part

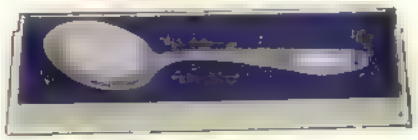
Hollow Handle Knives

With Stainless Blades

		Per Dozen List	Consumer
84402m	Dinner Knives, Mirror Finish	$36.50	$28.00
84402s	Dinner Knives	31.30	24.00
84404m	Dessert or Luncheon Knives, Mirror Finish	36.50	28.00
84404s	Dessert or Luncheon Knives	31.30	24.00

The above knives have French shape blades

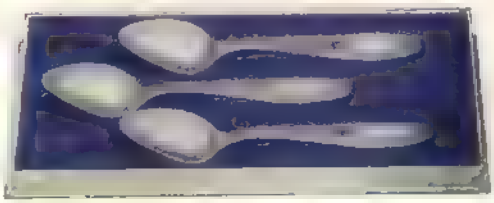
84406s	Fruit Knives	28.70	22.00
84208s	Tea or Salad Knives	28.70	22.00



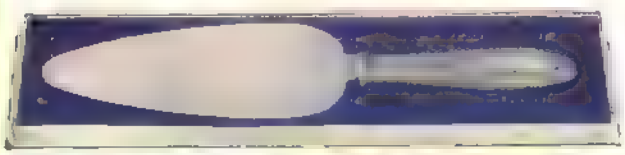
84017 Sugar Spoon
List, each, $1.53; Consumer, each, $1.25

84301 Butter Knife and Sugar Spoon
List, set, $3.06; Consumer, set, $2.50

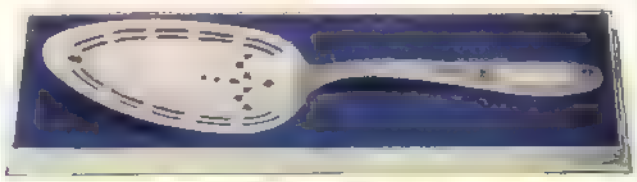
84201 Butter Knife
List, each, $1.53; Consumer, each, $1.25



84014 Orange or Grape Fruit Spoons
List, set of six, $7.65; Consumer, set of six, $5.75



84254sm Pastry Ice Cream Server, Mirror Finish Stainless Blade
List, each $5.52, Consumer, each, $4.50



84253 Dessert Server
List, each, $5.22; Consumer, each, $4.25

.1847 ROGERS BROS.

SILVERPLATE

6-29-10

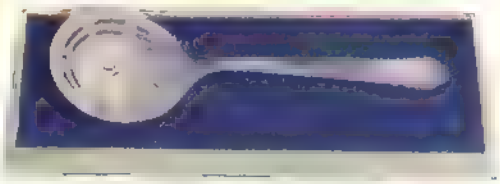
ANCESTRAL PATTERN

86105 Ice Cream Forks
List, set of six, $7.68, Consumer, set of six, $6.25

86108 Pickle Fork
List, each, $1.84; Consumer, each, $1.50

86204 Jelly Server
List, each, $2.15; Consumer, each, $1.75

Child's Sets
86352 Spoon, Fork and Flat Handle Knife
List, set, $3.68, Consumer, set, $3.00
86353 Spoon, Fork and Hollow Handle Knife
List, set, $4.38, Consumer, set, $3.50
86356 Spoon, Fork and Solid Handle Knife
List, set, $3.07, Consumer, set, $2.50



86252 Cucumber or Tomato Server
List, each, $3.99; Consumer, each, $3.25

86003 Berry or Salad Spoon
List, each, $4.30; Consumer, each, $3.50
86004 Berry Spoon, Small, or Preserve
List, each, $3.38; Consumer, each, $2.75

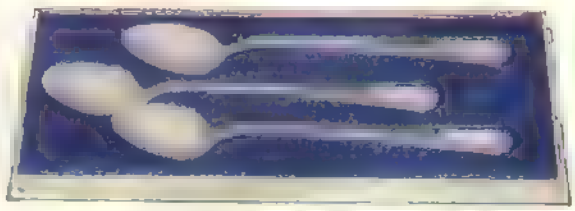
86202 Bicycle Spreaders
List, set of six, $7.68; Consumer, set of six, $6.25

86001 Baby Spoon, Bent Handle
List, each, $1.23; Consumer, each, $1.00
86002 Baby Spoon, Short Handle
List, each, $1.23; Consumer, each, $1.00

Baby Sets
86304 Baby Spoon and Fork, Short Handles
List, set, $2.46; Consumer, set, $2.00
86303 Baby Spoon and Food Pusher
List, set, $2.46; Consumer, set, $2.00

86111 Salad Forks, Individual
List, set of six, $9.18, Consumer, set of six, $7.50

86103 Cold Meat Fork
List, each, $3.07, Consumer, each, $2.50
86104 Cold Meat Fork, Small
List, each, $2.46, Consumer, each, $2.00



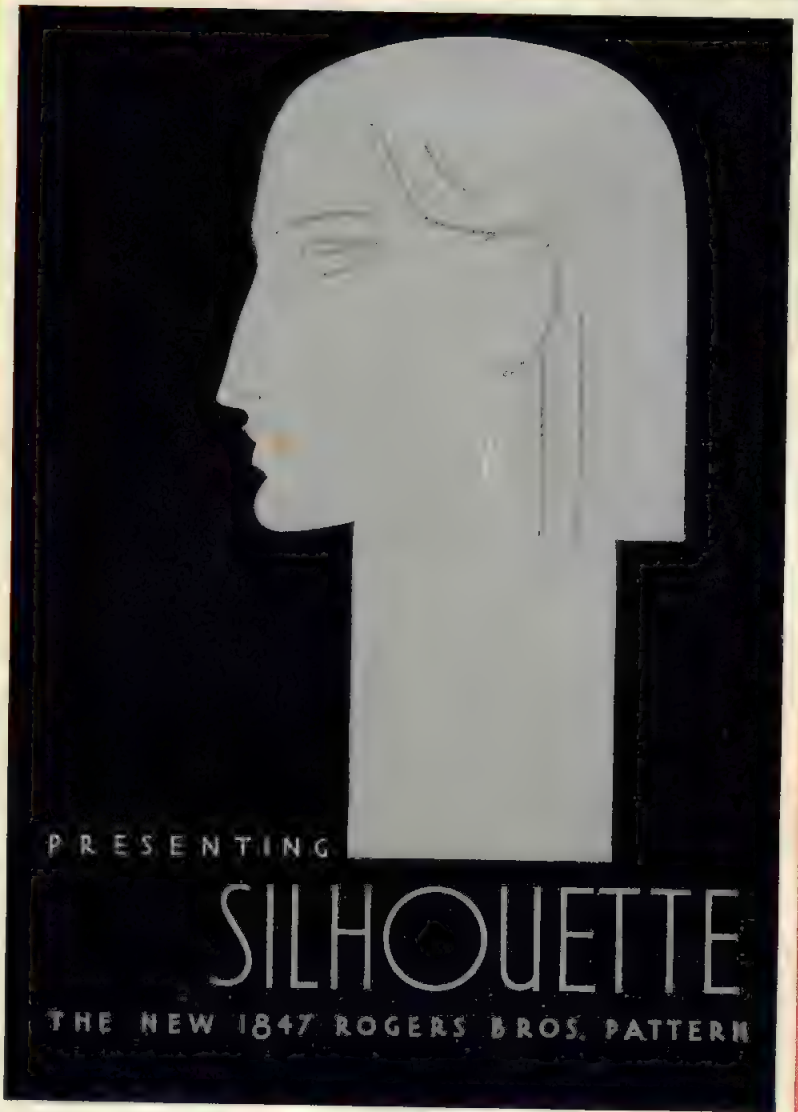
86012 Iced Tea Spoons
List, set of six, $7.36; Consumer, set of six, $6.00

.1847 ROGERS BROS.

SILVERPLATE

6-29-7

SILVER CO. Product



INTERNATIONAL SILVER CO.

Wise business experts have pointed out that women influence the purchase of 85% of all commodities. If it's 85% in all commodities . . . imagine what it must be in an ultra-feminine article like silverware. You can estimate it at 98% and never be accused of the slightest exaggeration. Therefore SILHOUETTE follows the most feminine slant in the world for its theme . . . fashion. SILHOUETTE brings, in silverware, the same basic Paris inspired lines women demand in frocks, hats, handbags, shoes . . . every article of fashion. For certain identical, right, true lines run through all things of beauty and good taste. Clean, stream lines. And these are the lines of fashion, and of SILHOUETTE.

THE NEW SILHOUETTE PATTERN

VIANDE . . the new knife

PATENT APPLIED FOR

The new dinner knife, the Viande, is of special interest. Short blade . . . long handle. Enabling one to press one's finger on the handle instead of the blade. It's the logical shape for a knife. However, to please your conservative prospects, we also make the regular conventional dinner and dessert knives in SILHOUETTE—thereby giving you the chance to give your customer the choice. We predict that Viande will be the regulation standard knife on tomorrow's tables . . . and it is ready for you today.

louis. We have cautioned "Rayfield" not to tell us about the time he had fishing as he may beat some of the records made around Foley.

We have had a number of visitors during the month, all of which we were glad to see and hope they will come again. Some of them were: M. Minto, American Brake Shoe Co.; R. E. Gallagher asst. electrical engineer, J. S. Brown and Dan Eubanks, Galena Signal Oil Corporation; C. C. Cox, Southern Wheel Co.; Mr. Lewis, Barco Co.; H. R. Crull and Mr. Blaker of South Louisville Shop.

William Wallace, stenographer, is seriously considering trading in his cut down Ford (motor) and get him a real Ford of the latest model. If he does, lookout girls.

New Orleans Division

C. H. Phares, *Correspondent*

MOBILE SHOPS

E. G. Turner.

J. B. Davis, carman, had the misfortune to be severely injured at his home across the bay on January 29. Mr. Davis in some unaccountable manner had his hand caught in the belt of his pumping machine. While he was very badly hurt, we sincerely hope that he will soon be well enough to return to work again.

The Veterans' Club of the N. O. & M. Division Unit held a very enthusiastic meeting at Biloxi, Miss., on January 19, 1930.

Mrs. D. J. Faggard, wife of D. J. Faggard, carman, visited friends and relatives in Birmingham, Ala., on January 23, 1930.

The sympathy of his fellow workmen is extended to G. H. Straub of the Car Department in the loss of his mother-in-law, Mrs. Lucretia J. Mayher, who died at her residence, 307 S. Conception Street, January 29.

The sympathy of his fellow workmen is extended to J. J. Donovan of the Car Department on the loss of his granddaughter, who died on January 26, 1930.

T. J. McGill, carman, visited friends and relatives in Canoe, Ala., recently.

Messrs. Leo Gorey, engineer of the M. & M. Division, and Jesse E. Scalf, brakeman of the Louisville Division, visited Sibert Shops on February 7 and 8 in the interest of the Employes Pension Fund. Mr Scalf, while at Sibert Shops, spoke to the men of the Car Department during the noon hour of the 7th. Mr. Scalf in addition to being a brakeman is also local chairman of the B. R. T. with headquarters in Louisville, Ky.

W. C. Gascoigne, lead man, has returned to work after several days' illness.

Leroy Fulford, carman, returned to work after several days' illness.

This is station M. M. O. M. broadcasting from our office studio. We have with us to-nite two great men from Mobile, and we will take pleasure in introducing to you first "Thomas Edison" better known as "Rube," the wizard of Mobile shops. We will have Mr. Rube step to the mike and tell us about one of his patents.

Next we will introduce Mr. "Zek" McQuillen, who is well known along the coast and New Orleans. Mr. McQuillen, of the Master Mechanic's Office, is now open for invitations for week end visits. "Zek" is very fond of dogs, birds, flowers and good eats.

Now, folks, I know you would enjoy having "Zek" as a week end visitor, so just write in care of this station your name, address and date you wish to have him. What about this "Pop," you say he is seeking new acquaintances over the System?

Here are a few telegrams we will read:

Station M. M. O. M.

Enjoying your program. Have "Guy" Payne sing "I Got the Crichton Blues."

(Signed) Lonnie.

Station M. M. O. M.

Program coming in fine. Play "I'm In Love," dedicated to Marshall Renauld.

(Signed) Ed Cronier.

Station M. M. O. M.

Program coming in fine. Play "I Wish I Had 'Buck Shot' in My Arms," dedicated to Peck Sherrin and Owen James.

(Signed) A. C. Young.

Ned Turner will take charge of the mike and give us the Car Shop news.

Now fans our March program will come to a close with Harry Pegaro and Marcelino Marsal singing "The Spaghetti Blues."

DEPOT AT PEMBROKE, KY., AUGUST 12, 1897.

Left to right: Unidentified party; Uncle Dod Stanfield, engineer, at foot of ladder; Agent C. E. Mann, with arms folded; Joe Ward, drayman; Guy Wilson, operator; and S. S. Jameson, operator (at present agent at Pembroke).

SIBERT YARDS

J. W. Rousselle and T. J. Conboy.

Well folks, here we are 'way down in Mobile, Ala., on Mobile Bay, only seaport and city with the Azalia Trail, enjoying the summer breeze in the good old winter time, breathing the pure fresh air blowing off the Gulf of Mexico, as Al tells it to you from W O D X our new Broadcasting Station. But the Broadcasting Studio was here at Sibert we believe Al would say: "Well, folks, here we are, 'way out at Siberia near the end of civilization on Mobile River where winter time is ice and summer time is H—, breathing the fresh air from the Paper Mills." We welcome Al to our city and we hope he will make it his future home. We've got a real Broadcasting Station and for proof just tune in and listen for yourself. Now we are going to tell you the news of Siberia and what's puzzling us now is what became of the chief clerk's "bay window." He must be taking reducing exercises or else using vanishing cream. It wouldn't be a bad idea for Sid Paulin, Judge Bassett and Roy Epperson to try this method.

Well, did any of you recognize Switchman Johnny Pocase, Arthur Verneuille, Elmer Wachter and Assistant Yardmaster Clarence Vernell on the carnival floats. And did they have fun. Just ask them and let them tell you what a day of fun is.

We don't suppose it is too late to tell you about Hubert Hartley's wedding. Yes, he's done gone and did it, tied himself up for life, when he took Miss Edwina Balatt for his lawful wedded wife. We wish "Red" and "his better half" many future years of happiness.

We are sorry to hear of Lee Walton's illness and wish him a speedy recovery. Red Hartley's brother, Norton Hartley, was on the sick list too, undergoing an operation, but he is back with us again.

By the way, any of you who wish to become future rate clerks can enroll at the Barton Academy night school. The tuition is free and plenty of seats are vacant. Mr. Clark with the Illinois Central is teacher and what he can't answer you about rates is "Nobody's business."

We wish to welcome Robert Allman, our new record clerk who was transferred from the Local Office.

HOTELS ALONG THE LINE

SAN CARLOS HOTEL
Pensacola, Fla.
500 ROOMS AND BATH
A Year-round Tourists and Commercial Hotel

VENDOME HOTEL
Evansville Ind. Most Popular Hotel
"Ask the Traveling Man"
300 Rooms—Rates $1.50 to $3.50

Dispensers of
True Southern Hospitality
THE TUTWILER
Birmingham's
Most Distinguished Hotel
COLEMAN J. HUDSON
Manager
DIRECTION:
Dinkler Hotels Co., Inc.,
Carling L. Dinkler, President

BANKHEAD HOTEL
Birmingham's Finest
350 Rooms 350 Baths
Rate $2.50 per day and up
Popular Priced Cafe
T. L. HOBART, Lessee
A. B. CANSLER, Manager

1847 ROGERS BROS.

SILVERPLATE

The standard silverware-preference of the first families of the land for more than eighty years—or since 1847. Charmingly beautiful.

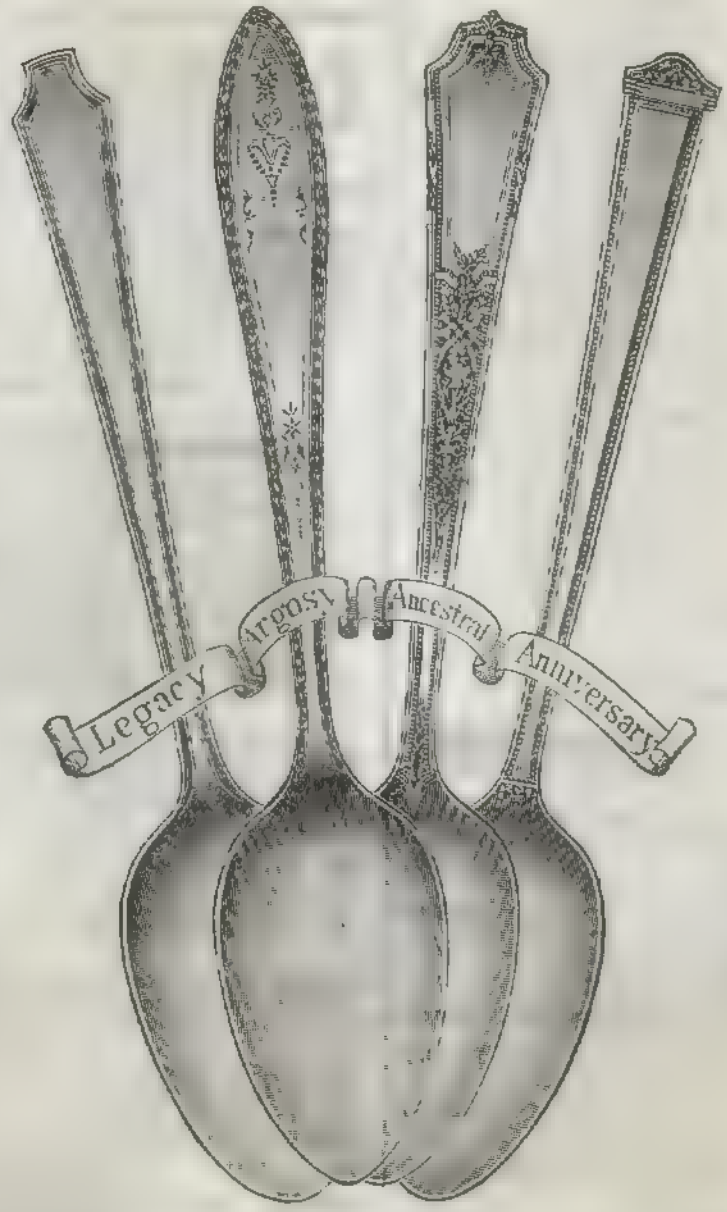
1847 Rogers Bros. has been tested by four generations of social America, and is today the outstanding leader in the field of fine silverware, because time has fully proven it to be worthy of leadership.

LEGACY PATTERN

Moded for today and tomorrow, but bequeathed with the artistry of four generations of yesterday. A beautiful pattern.

ARGOSY PATTERN

A delicate balance, joined with subtle ornamental tracery, is the secret of the gay charm of the Argosy pattern.



Every piece in this time-tested yet smart and modern silverware is guaranteed to give satisfaction without time limit. This guarantee is a most pleasing feature both to the dealer and the consumer.

ANCESTRAL PATTERN

A striking pattern that befits this finest silverware—1847 Rogers Bros. —used by generations of fastidious hostesses.

ANNIVERSARY PATTERN

The simple yet very rich Colonial design suggests cordial hospitality and the atmosphere of family reunion.

THE PATTERNS

Their variety, their adaptability to home decoration and correctness of design —sell silverware. The patterns of 1847 Rogers Bros. Silverplate are particularly salable—among them some one pattern always appeals to a customer —and the reputation of the ware, established through years of consistent advertising together with the guarantee of satisfactory service, makes 1847 Rogers Bros. Silverplate a profitable line for the Dealer to carry. All patterns are admirable and distinct

1847 ROGERS BROS. SILVERWARE

UNLIMITED GUARANTEE

See Page 2133 For Illustration of Patterns.

FINISHES OF 1847 ROGERS BROS. SILVERWARE—Legacy, Argosy and Ancestral Patterns Are French Grey Finish. Anniversary Pattern Bright Finish.

SPOONS

TEA SPOONS. Length 6⅛ inches.

	Per Doz
No. 8801—Legacy	$13 80
No. 8701—Argosy	
No. 8601—Ancestral	
No. 8501—Anniversary	

Half doz in cardboard box; wt per doz 10 ozs.

DESSERT SPOONS. Length 7⅝ inches.

	Per Doz
No. 8802—Legacy	$27 75
No. 8702—Argosy	
No. 8602—Ancestral	
No. 8502—Anniversary	

Half doz in cardboard box; wt per doz 16 ozs.

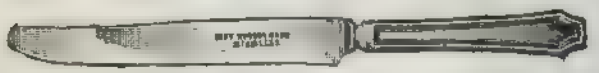
TABLE SPOONS. Length 8⅝ inches.

	Per Doz
No. 8803—Legacy	$27 75
No. 8703—Argosy	
No. 8603—Ancestral	
No. 8503—Anniversary	

Half doz in cardboard box; wt per doz 17 ozs.

SOUP SPOONS. See page 2137.

KNIVES



DINNER, Hollow Handle with Mirror Finish Stainless Steel French Steak Shaped Blades. Length 9⅞ inches.

	Per Doz
No. 88402M—Legacy	$55 14
No. 87402M—Argosy	
No. 86402M—Ancestral	
No. 85402M—Anniversary	

DINNER, Model Handle with Stainless Steel French Steak Shaped Blades. Length 9⅝ inches.

	Per Doz
No. 88472S—Legacy	$27 60
No. 87472S—Argosy	
No. 86472S—Ancestral	
No. 85472S—Anniversary	

Half doz in cardboard box; wt per doz 1⅝ lbs.

DESSERT, Hollow Handle with Mirror Finish Stainless Steel French Steak Shaped Blades. Length 8⅝ inches.

	Per Doz
No. 88404M—Legacy	$55 14
No. 87404M—Argosy	
No. 86404M—Ancestral	
No. 85404M—Anniversary	

Half doz in cardboard box; wt per doz 1¼ lbs.

FORKS

DINNER, with flat handles. Length 7⅝ inches.

	Per Doz
No. 8805—Legacy	$27 75
No. 8705—Argosy	
No. 8605—Ancestral	
No. 8505—Anniversary	

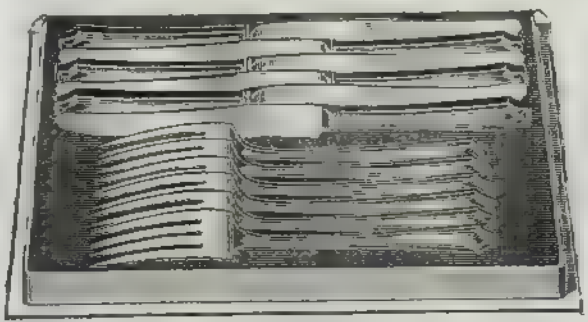
One doz in cardboard box; wt per doz 1¼ ozs.

DESSERT, with flat handles. Length 7⅛ inches.

	Per Doz
No. 8806—Legacy	$27 75
No. 8706—Argosy	
No. 8606—Ancestral	
No. 8506—Anniversary	

One doz in cardboard box; wt per doz 12 ozs.

KNIFE AND FORK SETS



DINNER, Hollow Handle Knives with Mirror Finish Stainless Steel French Steak Shaped Blades and Flat Handle Forks. Length knives 9⅞ inches; length forks 7⅝ inches.

	Per Set of 6 Knives and 6 Forks
No. 88421M—Legacy	$41 40
No. 87421M—Argosy	
No. 86421M—Ancestral	
No. 85421M—Anniversary	

DINNER; Model Handle Knives with Stainless Steel French Steak Shaped Blades and Flat Handle Forks. Length knives 9⅞ inches; length forks 7⅝ inches.

	Per Set of 6 Knives and 6 Forks
No. 88483S—Legacy	$27 66
No. 87483S—Argosy	
No. 86483S—Ancestral	
No. 85483S—Anniversary	

One set in cardboard box; wt per set 2½ lbs.

DESSERT, Hollow Handle Knives with Mirror Finish Stainless Steel French Steak Shaped Blades and Flat Handle Forks. Length knives 8⅝ inches; length forks 7⅛ inches.

	Per Set of 6 Knives and 6 Forks
No. 88422M—Legacy	$41 40
No. 87422M—Argosy	
No. 86422M—Ancestral	
No. 85422M—Anniversary	

One set in cardboard box; wt per set 2¼ lbs.

Toy News

Jack Nagele Enters the Hall of Fame —Almost

On Monday night, April 7th, at the regular weekly meeting of the Monday Night Bowling Club, which, by the way, shatters all precedent by actually meeting on Monday night instead of some other day of the week, Nagele, unassisted, rolled nine strikes in a row. And then, like Casey at the Bat, he broke and ended with a 264 from a perfect 300, just missing out at the finish for being eligible to the "300 Club" and a niche in the hall of fame. Lou Kassler, a fellow member of the club and a tense witness to Nagele's performance, collapsed in the arms of Charlie Icke and was promptly revived by Lou Shoneman and Sig Jacobs. All of these well known toy men are members of the club, as well as Herman Schickler, the toy printer with the double-breasted trousers, and many other prominent bowling ball twirlers of the toy trade. Latest reports have it that a special bowling ball is being manufactured for Nagele and the club "kibitzers" are awaiting its arrival in fear and trembling.

The Buffalo Toy & Tool Works "Washette" 11½" high and 6⅝" in diameter

A Novelty Cap

"Aljak" Nov. Co.'s Caps

Jack Slotnick of the Aljak Nov. Mfg. Co. is well pleased with the way business is coming in on their attractive line of Novelty Caps. One of their feature numbers is illustrated herewith. Other interesting Aljak specialties are Police Station and Aviator Outfits to retail for 10 and 25c

Uneeda Doll Opens Uptown Salesrooms

Uneeda Doll Co., of New York City, have opened an additional display room at 215 Fourth Avenue, New York City, for the convenience of visiting buyers. The entire line of "Sweetums" dolls are attractively shown in modern electrically lighted display cases. Bert Scheuer, their popular representative, is in charge of the new salesrooms. The complete line of this company will be displayed in Rooms 531 and 532 at the Morrison Hotel, during the Chicago Toy Fair, by Bert Scheuer and H. A Sussman.

World's Largest Basket Factory

The Burlington Basket Co. has just completed the construction of the world's largest basket factory. Basket making is one of the oldest industries in the world and until recently its greatest development was found in Europe. Over forty years ago, however, the Burlington Basket Co. began the manufacture of baskets in this country and grew to such a degree that this remarkable new plant was made necessary.

New Buffalo Washer

'Buffalo Toys" introduces another new washer operated by a plunger-type-vacuum disc that washes baby's clothes, stockings, etc. Kiddies can watch the "foam" through the two openings at the top and enjoy the thrill of a real wash. Washette is equipped with a wringer having balloon-type rubber rolls that can be taken apart if necessary. It is finished in a rich pink with attractive black silhouettes as an added attraction. Complete height 11½ in. and 6⅝ in. in diameter. Washette retails at a popular price of $1.25 and sales are reported extra heavy. In addition to Washette, reports indicate that two more numbers, Los Angeles Zeppelin and Aero-Zeps are equally enjoying large sales and the Buffalo Toy & Tool Works at Buffalo state that increased production is now under way.

The "Beach Buoy"

Announcing the "Beach Buoy"

Announcement of the development of a "Beach Buoy," which enables small children to play in safety on the water, has just been made by Clarence E. Fox, general manager of the Fox Toy Company of Berea, Ohio, manufacturers of Foxy Toys. Production will get underway at once, Mr. Fox said, as orders are already being received. The Beach Buoy has a canoe shaped frame, mounted on an especially designed and strengthened tire tube. It is in reality an aquatic kiddie-car, the seat being suspended from the frame, allowing the child to sit in it, in the center of the tube. Free action of the arms and legs is permitted, allowing the child to paddle anywhere it desires in perfect safety. It is the first device of its kind to be manufactured and placed on the market. All parts of the frame are ducoed, preventing it from rusting or disintegrating from the effects of salt water. "We expect a heavy demand for this Beach Buoy," Mr. Fox said in announcing production of the device. "It should be especially popular at the lake beaches and on inland waters. I believe it will be particularly valuable in that it is absolutely safe and a chid cannot possibly upset it or fall out. It will do much to instill confidence in the youngsters and do away with their instinctive fear of water." Dealers to whom Mr. Fox has shown the Beach Buoy have been enthusiastic in their praise of it and the company already has a large number of orders on hand for it. Patents on it are pending. The Beach Buoy is the latest addition to the large line of educational toys, which the Fox company has manufactured at its plant in Berea for the last 25 years.

Brinkman Introduces Skooter Skate

The Brinkman Engineering Co. are introducing a new item known as the Skooter Skate. This is said to be something entirely different from anything which has been on the market heretofore. It is adjustable for children from 6 to 12 years of age, has a toe clamp making straps unnecessary, and is provided with live rubber heels. The entire Brinkman line will be on display in Room 420 of the Hotel McAlpin during Summer Toy Week, June 9th to June 14th.

Visiting Chicago

New Type of Petite Dolls Shown At Chicago

Among the new models exhibited by the American Character Doll Co. is "Sally"—a doll that actually stands upon its own feet and wears its clothes in the long limbed, fashionable manner that is very much the mode. Sally dolls are miniature fashion figures, beautifully proportioned with hair attractively "coiffed," giving them that desired "smart" appearance. The frocks hats and shoes that the Sally group appeared in at the Show created considerable comment.

The other new Petite that shared honors with "Sally" is the "Toddletot" Baby. They are uncommonly pretty and life like. They wear knitted suits and dainty frilled clothes that would do credit to the finest baby department. The bodies are not too soft, for these babies sit up and hold their heads at the most bewitching angles, and last but not least, not only sleep, but also walk. If taken by the hand, they will toddle along in a brisk, baby manner. They are all equipped with high grade crying apparatus, like modern babies really are.

Oak Rubber Counter Display

Importance of "Flash"

Flash is the big word to the vendor of toy balloons on the street, circus lot or carnival midway. By flash he means brilliant, attractive appearance—something exceptionally colorful that will not fail to catch every eye. This flash is just as important to any store which handles toy balloons.

To meet this need for exceptional attractiveness with a minimum stock, The Oak Rubber Company, of Ravenna, Ohio, has introduced the Carnival Special assortments. Nine of the most popular balloons in the Oak line are used to make up two assortments, one of compound, or opaque, balloons and the other of transparent balloons. Both are packed one gross to the box.

Louis Rubin Starts His Own Business

Louis Rubin, who has been associated with the doll trade for many years, specializing in the manufacture of Doll Parts, has recently formed the Artistic Doll Corp. Mr. Rubin's new company will manufacture a complete line of high grade doll parts. The plant is of substantial size and contains ample modern machinery.

Enjoying Pal Picture Player "Talkies"

Men, Markets, Merchandise

Uncle Sam's Chromium Banks

In line with his policy of constantly improving the line, H. H. Payson, president of the Durable Toy and Novelty Corp., has recently added a new addition to the Uncle Sam's Bank line. Known as Uncle Sam's Chromium Bank, it is, as might be expected from its name, beautifully chromium plated, and has a bright, satiny sheen that will never tarnish or wear off. This new Chromium Bank adds a new and appealing touch of beauty to the Uncle Sam's Line. It should find favor with those who seek not only a strong, practical registering bank of proven mechanical perfection, but an attractive ornament for the home as well.

New Lumber Truck By Gibbs

The Gibbs Manufacturing Company, of Canton, Ohio, state that their New No. 38 Lumber Truck has met with an unusually large sale. This toy is a sturdy, all-wood truck, loaded, ready to go, with smooth lumber to build play structures. It is enameled in bright colors and measures twelve inches over all. One toy in box to retail for 50c.

Pal Picture Player

The illustration shows the Pal Picture Player in use. This machine is the product of the Plaza Music Co., and they report a widespread demand for this recently introduced item. Slides are furnished illustrating various children's stories, and records telling the stories are played while the pictures are being shown. The "talkie-picture" action is synchronized automatically, the child simply putting on a record, dropping in a strip of film and starting the machine. The picture changes every ten seconds, and there are eighteen views to a ten inch record. No screen is necessary, as the pictures can be shown on a wall or similar surface. Many different subjects are available, so that children can enjoy quite a complete show with the Pal Picture Player.

How Others Do It

WHEN a credit customer moves away, he often neglects to leave his new address behind him. A Wichita, Kansas, store nevertheless manages to locate him through the medium of its credit card. On this card, in addition to the usual information, a charge account is required to note the lodge or insurance company he belongs to. People will invariably notify lodge or insurance company of a change in address where they might forget to notify others, and the store finds it profitable to keep in touch with such institutions.

For a long time, a merchant in Des Moines, Iowa, has maintained an "Appointment Register." This is a book placed just inside the main entrance of the store; and in it, customers can write where they will meet their friends or where they have gone if they were to have met them and wish to leave before the friends arrive. Not only is the register an active builder of goodwill, but it is also a source of live names for the concern's mailing list.

Ingenious indeed was a window exhibit recently featured by a Newark dealer. The floor of this window, covered with overlapping strips of alternating black and red paper, resembled a huge checkerboard. In place of checkers, however, were used various various items of merchandise, which were placed on the black squares in much the same way as checkers would be lined up at the start of a game. A streamer spread clear across the face of the window screamed: "It's Your Move. Come In."

To hold in mind over a period of years all the displays that a merchant creates is obviously impossible. One retailer therefore keeps a written record. On this he notes the amount of business pulled in by each display as well as the various factors attending it at the time it was exhibited, such as 1:. method of arrangement; 2. character of the merchandise shown; 3. time of the year; 4. special occasions; 5. weather. This merchant even goes to the extent of making sketches of the layouts used.

With this record to refer to, the retailer is thus able to evolve new windows, not by guesswork but with the methods shown by the record to have been successful in the past.

"At least 50% of a store's trade should be composed of old customers," believes the manager of a St. Louis store. "If it isn't, then the store is not selling satisfaction along with its goods." In this store, the salesmen are therefore instructed to find out from each patron whether he has ever purchased there before or not. The information, listed briefly on each sales check, is compiled at the end of the day. Should it reveal a spareness of "come again" buyers, a letter is sent out asking frankly if anything is wrong.

There are two retailers in Spartanburg, S. C., who are firmly convinced that intercooperation pays. (These retailers, to be sure, are in business that are not competitive with each other.) For a long time, each of these concerns has devoted one of its windows to the display of merchandise kept by the other. A small announcement indicates where the goods can be secured. As the stores are located in different parts of the town, this exchange of displays gives their window advertising wider latitude.

"Only a store" was the headline of an advertisement released a while back by a merchant in Buffalo, N. Y. The advertisement reads:

"We have no odd prices to deceive, no stamps, no tinsel show, no catchpenny schemes of any nature, no bad charge accounts for you to pay for, no fancy fixtures, no expensive delivery systems, no P. M.'s to clerks to force you to buy unsalable merchandise, no turnover men so you can't get out with a whole shirt if you don't buy, no fancy expressions, no hired brains, to write mushy or slushy advertising, no high salaried wall flowers. There is nothing to pay for but the goods you buy."

"The only kind of a salesman I will hire," states the proprietor of a New York store, "is the kind I am willing to invite into my own home." Bearing this simple little rule in mind has enabled this retailer to build up a staff composed of men of real courtesy, tact, and character. Where he is in doubt about a particular individual, the manager invites him to his home for dinner, and then finds out from the woman of the house whether she would care to invite him back again.

Mirrors hold nothing but good luck for a store in Cincinnati. Covering the whole back wall, for instance, is a big highly polished mirror which makes the store seem much, much larger than it really is. Gaining the air of a big store at the mere cost of a mirror is of course good business.

Even though he had failed to obtain a location on the principal street of Walla Walla, Wash., a local merchant nevertheless secured for his store a reputation for being centrally located. He established his store not far from the main thoroughfare and in the vicinity of a long-established concern known as The Bee Hive. Then, capitalizing on the prestige of The Bee Hive, he created and used in all his advertising matter the slogan: "First Street—49 Easy Steps From The Bee Hive."

A SECOND TOY FAIR *in* NEW YORK

Buying Groups Enthusiastic Over Summer Toy Week

A SECOND Toy Fair, designed especially to meet the requirements of department store buyers and other retailers, to be held in New York beginning either the last week in April, or the first week in May.—This, according to the executives of about 15 buying offices, representing more than 600 department stores, is what will meet the necessities of modern retail distribution in the toy industry.

At the invitation of L. K. Anderson, Jr., President of the Toy Fair Chamber of Commerce, about 30 executive heads of leading buying offices came to a dinner at the Hotel McAlpin on Friday evening, April 25th. The plan of the dinner was to have these executives meet the directors of the Toy Fair Chamber of Commerce and express as freely and as fully as possible just what the large retail distributors of the country needed from toy manufacturers in the way of a definite period during which the manufacturer could rely upon the buyers for retail establishments making final selections

In opening the meeting, President Anderson made it clear that the Summer Toy Week for 1930 was instituted as an experiment and as somewhat in the nature of a compromise. The date was fixed so as to avoid interference with Toy Fairs already announced for 1930. It was not established as setting a definite period either as to date or duration; it was established to get something started and to help bring about a definite expression of opinion from the buyers, for whom Summer Toy Week is intended. With this statement and a few words of welcome, the meeting was opened for general discussion.

A Unanimity of Opinion

While a certain amount of agreement as to the time was expected, it was also thought that a good deal of compromise would be necessary, that opinions as to the proper time would vary by weeks and months. The result of this get-together conference was actually a revelation. Speaker after speaker voiced the opinion that the second Fair should start either during the last week in April or the first week in May. Reasons given were real reasons and seemed to apply to practically all of the establishments represented.

It was clearly indicated that the retail buyers would not be in a position to go ahead with complete holiday orders until the Easter business was out of the way. Several of the speakers mentioned the fact that their toy buyers were also buyers of sporting goods and that during the entire month of June they were required to be right on the job in their own stores in connection with that line. Another point brought out was that other toy buyers bought housefurnishings and housewares, and

L. K. Anderson, Jr.

Opening Remarks by President L. K. Anderson, Jr., at the Meeting on Summer Toy Week

"I T is gratifying indeed to have so many of you present at this, our first "Get Together Meeting." I wish to express to all of you my thanks for your being here this evening and particularly desire to express to our guests the appreciation of the Directors of the Toy Fair Chamber of Commerce for meeting with us.

"So that no delicate appetites will be affected by the lively discussions that may take place, I am going to suggest that we leave our regular business proceedings until after dinner—we want no catastrophies tonight.

"I do hope that in trying to solve some of the problems, which are present today in our industry—one of the problems being to designate a period most suitable for a Summer Toy Week—that each and every one of you will not hesitate to express your views and to join in the general discussion. This is absolutely necessary if we are going to get anywhere."

that many meetings in that particular industry are held in June. The astonishing thing was after all the expectation of difficulty in arriving at some period of time which would suit both seller and buyer, the decision came full-grown, almost out of the air. Everybody seemed to know just what they wanted, and they all seemed to want just the same thing, and thus the mountain of difficulty shrank to a mole-hill.

February Fair a Necessity

Several speakers emphasized the fact that a February Fair was an absolute necessity, not only for wholesalers, catalog houses, etc., but for many retail buyers. It was stated that buyers who planned to go abroad needed to see what was new in the American market before starting on their trip. The offerings of the domestic manufacturers were carefully gone over and plans for foreign buying modified, in accordance with what was shown. While these buyers would not and did not expect to place orders at the early Toy Fair, they needed these displays for guidance, and they needed them early in the year.

A second Toy Fair, and not a later Toy Fair, is the absolute necessity of modern business methods, and this necessity was clearly indicated and fully explained during this first meeting between the manufacturers, as represented by the Toy Fair Chamber of Commerce, and the retailers, as represented by the executives of their buying offices. The necessity of an early Fair, which has always been stressed by manufacturers and which has been considered as being necessary for wholesalers and catalog houses, was clearly shown to be just as necessary for the retailers themselves. It was clearly recognized that buying methods have changed with passing years. It is necessary for buying orders to be confirmed, and this process takes time. With the second Toy Fair in New York coming about the 1st of May, confirmations should begin to come in during the month of May and continue during the whole of June and the early part of July.

A number of speakers mentioned the value of meetings at which representatives of manufacturers and distributors could meet together and discuss their problems. If future meetings prove that fancied difficulties can be overcome by round table discussion, if they continue to demonstrate that the distributor is ready and anxious to cooperate with the manufacturer and to find out just how the needs of the distributor can be met by the manufacturer on a sound economic basis, then these future meetings will be of enormous importance to the toy industry.

Guests Who Attended

A list of the guests, together with the names of the organizations represented by them, follows:

Wm. Angrove, Syndicate Trading Co.; H. C. Annable, Syndicate Trading Co.; L. B. Ashton, Cavendish Trading Corp.; G. Connolly, Dry Goods Alliance; N. C. Dewes, McGreevey, Werring & Howell, Inc.; Edw. Freedman, American Retailers Assn.; James L. Fri, National Retail Dry Goods Assn.; H. Gessner, Interstate Department Stores; I. Gottlieb, Schranz & Bieber Co.; Mr. Heinbockel, Dry Goods Alliance; S. Hirsch, Interstate Department Stores; L. T. Huston, Frederick Loeser & Co.; D. Knieriem, Felix Lilienthal & Co.; A. Lefkowitz, Jack Hartblay, Inc.; Geo. J. McCartin, Associated Merchandise Corp.; H. Myers, Kirby, Block & Fischer; O. J. Radin, McGreevey, Werring & Howell, Inc.; R. G. Raitt, Cavendish Trading Corp.; Sydney Rosenberg, American Retailers Assn.; H. D. Ruhm, Associated Dry Goods Corp.; C. D. Ryan, Hahn Department Stores; S. Schlesinger, Hahn Department Stores; Jos. Schoenberg, Associated Merchandise Corp.; Geo. Vogel, Frederick Atkins; Walter Weedon, Associated Merchandise Corp.

Does Not Use Stagger Plan

THE Interstate Department Stores, Inc., 113 Fifth Avenue, who operate a chain of popular-priced department stores, have not adopted the "Stagger Plan" in the purchase of merchandise, according to Mr. Henry Gessner, General Merchandise Manager of the chain.

Mr. Gessner stated that he has found that after years of experience, that it has proven most satisfactory to permit salesmen with their samples to come to the office in the morning, at the designated hours from 9 to 11 o'clock, and that in special cases where the Interstate Department Stores desires to look at special lines, that this can be arranged by appointment with the office and various buyers.

The Interstate buying office has been arranged in such a manner that salesmen are now receiving even better service in making their contacts with the various buyers.

Mr. Clem Melancon has joined the Interstate Department Stores, Inc., as District Manager.

He will supervise: John Stillman Co., of Battle Creek, Mich.; Fair Dry Goods Co., of Flint, Mich.; Stillman's Dry Goods Co., of Ft. Wayne, Ind.; Lansing Dry Goods Co., of Lansing, Mich.; Stillman's Dry Goods Co., of Jackson, Mich.

Mr. Melancon will make his headquarters in the Fort Wayne unit, according to Mr. Leo G. Federman, President of the Interstate Department Stores, Inc.

Mr. Melancon was at one time connected with the Interstate Department Stores, Inc., and recently sold his business to again join them in the above capacity, according to Mr. Leo G. Federman, President.

Morning Shopping Urged

TO RELIEVE afternoon traffic congestion by switching a percentage of shopping over to the morning hours, the Ohio State Council of Retail Merchants is cooperating with transportation agencies in the State. A publicity campaign has been undertaken, to point out the satisfaction and comfort derived by the shopper through avoiding rush-hour crowds. Operators of parking garages and spaces are reported as offering special morning rates and in certain cities the larger stores have combined on a program of early morning bargain offerings.

Opening Day Flashes From
CHICAGO TOY FAIR

Robert H. McCready Wires Impressions As This Issue Goes to Press

Weather—Warm and cloudy.

* * *

More exhibitors than ever before.

* * *

Many new lines shown

* * *

More elaborate displays

* * *

First day's registration of buyers best ever.

* * *

Walter Fleischaker receiving many congratulations.

* * *

Chicago Toy Fair Association membership now numbers 250.

* * *

This number largest in its history.

* * *

Buyers' meeting every evening for round table discussions.

* * *

Speakers of note to appear at these meetings.

* * *

More than 300 toy lines on display.

* * *

Special 85c dinner in lounge of Morrison Hotel for toy buyers.

* * *

Informal meetings of buyers held during these dinners.

* * *

Information booth in the Morrison.

* * *

Another information booth in the Palmer House.

Many new displays at Hotel Sherman.

* * *

Big doings expected for the banquet.

* * *

Committee reports ticket sale going over big.

* * *

Committee has Ted Dowst as Chairman.

* * *

Helping him are A. C. Bissell, Fred Goetz, W. A. Huston and J. N. Shure.

* * *

Chairman Dowst promises much in the way of novelty for banquet show.

* * *

Exhibitors are registering visiting buyers.

* * *

Official headquarters of buyers in lobby of Morrison.

* * *

Official registry of buyers also in lobby of Morrison.

* * *

No delay in preparations—all exhibits ready at the opening.

* * *

Directors' meeting Sunday night, April 27th.

* * *

Consideration being given to open meeting on May 8th.

* * *

Ex-Presidents to be members of Board of Directors

* * *

Tentative date for 1930 Fair Week after Easter.

Has Your Store LIFE *and* ACTION?

Proper Layout a Necessary Spring Tonic for Toy Sales

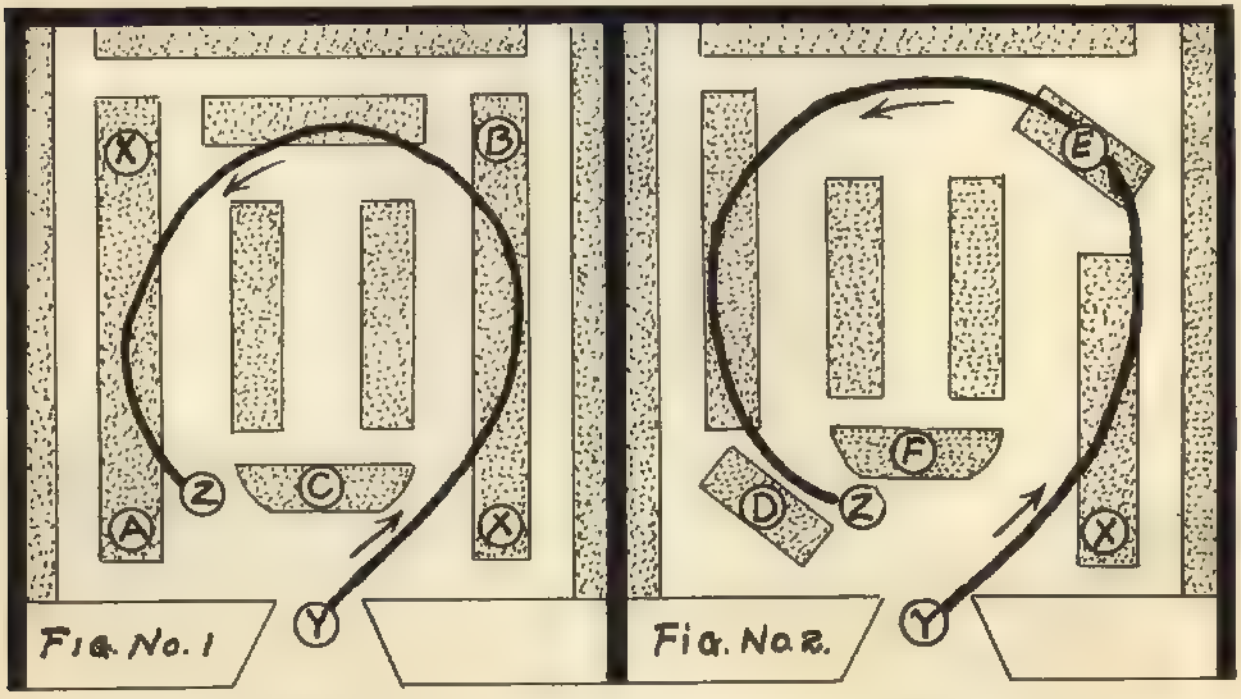
IF the toy shop proprietor will set a camera in the doorway and take a picture of the interior of his shop, he will discern just what the average visitor sees when he steps across the threshold, except for the color of the furniture, fixtures, decorations and merchandise. Does the picture contain LIFE and ACTION which induce the desire to spend money?

We have been urged to put life and action into our newspaper, direct-mail and outdoor advertising, and in our window displays. We should by all means put it also in the arrangement of our stores—those places where the final sales effort is made.

Art Principles Involved

Some of the principles involved in art are applicable to the toy shop arrangement, as many dealers already have learned. Art critics tell us that, when viewing a picture, the eye starts at the lower left corner of the canvas, swings across to the upper right, thence over the top to the left and then downward and toward the right. Artists endeavor to place the various objects in their pictures along this path and strive to encourage the eye to follow its natural bent. Hence, one seldom if ever sees a pleasing picture in which the composition is geometrically balanced. An absolutely geometrically balanced drawing is formal in its tone and is devoid of life and action.

Reproduced here are two sketches illustrating the floor arrangements of two toy stores, one with the entrance exactly in the center of the store front; the other with the door to one side. For each type we have two illustrations, one where the arrangements are formal and lacking in life and action; the other informally arranged, but balanced, and containing these desirable sales building attributes.



Wrong **Right**

Sketches illustrating two arrangements of a toy shop where the entrance is in the middle of the store front. In Figure No. 1 the arrangements are formal and geometrically balanced. Four dead spots, designated by A, B, and X's are evident. Figure No. 2 is of the same store informally arranged, yet balanced. Only one probable dead spot is evident. It is X. The irregularly curved line in each figure represents the visitor's line of view as he stands on the threshold and takes in a picture of the store.

CARBIDE LAMPS

ACME

With Balanced Fork

Bull dog in strength. Stands up under hard abuse. Burns 5 or 6 hours on one charge, 18 candle power. Equipped with wind shield.

NO.	Wt. Doz.	DOZEN
50A	12 lb	$56.00

With Folding Handles

Bull dog in strength. Stands up under hard abuse. Burns 5 or 6 hours on one charge, 18 candle power. Equipped with wind shield.

NO.	Wt. Doz.	DOZEN
56A	12 lb	$56.00

JUSTRITE

Miners Cap Lamp

Burns 3 hours on one charge; 2½ in. concave reflector. Drawn from seamless brass, highly polished. Packed with No. 77 Carbide can; 16 candle power, reinforced bottom.

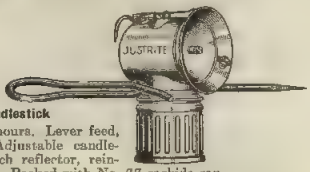
NO.	Wt. Doz.	DOZEN
[illegible]	4 lb.	$21.00

Superintendents

Also popular with hikers and campers. Lever feed. Burns 4½ hours, 2⅝ inch reflector. Reinforced bottom, nickel plated. Packed with No. 77 carbide can.

NO.	Wt. Doz.	DOZEN
95	2 lb	$37.00

JUSTRITE



Candlestick

Burns 4½ hours. Lever feed, half shift. Adjustable candlestick, 2⅝ inch reflector, reinforced bottom. Packed with No. 77 carbide can.

NO.	Wt. Doz.	DOZEN
108	6 lb.	$35.00

MINERS CAPS

Brown canvas, for round hook lamps. Metal fibre shield.

NO.	Wt. Dozen	Sizes	DOZEN
234	3 lb.	7, 7⅛, 7¼	$5.00

MINERS CANDLESTICKS

Sierra

Hand forged from tool steel.

NO.	Size	Spike	Wt. Doz	DOZEN
10	¼x11 in.	8½ in.	4½ lb	$8.00

LAMP PARTS

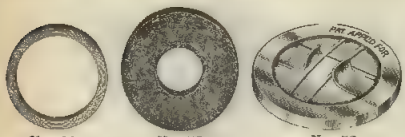
Justrite

White enamel, glass top, counter display cabinet free. Assortment consists of the following:

Quantity	No.	Item	Sell Each	Total
100	60	Gaskets	$0.05	$5.00
100	62	Felts	.05	5.00
24	64	Felt Holders	.05	1.20
72	66	Tips	.05	3.60
72	28	Metal Holders	.05	3.60
72	37	Tip Cleaners	.10	7.20
72	145	Reamers	.05	3.60
36	177	Lighters, Comp.	.10	3.60
48	172	Flints	.05	2.40
72	173	Springs	.05	3.60
60	174	Screw Caps	.05	3.00
24	182	Hexagon Nuts	.05	1.20

NO	lb Each	EACH
3		$36.00

M PARTS FOR CARBIDE LAMPS



No. 61 No. 52 No. 53

For Lamps No. 50 and 56

NO.	Part	DOZEN
61	Gasket	$0.70
52	Felt	.60
53	Felt Holders	1.60

No. 60 No. 62 No. 64

For Lamps No. 85, 95 and 108

NO.	Part	DOZEN
60	Gasket	$0.50
62	Felt Packing	.50
64	Felt Holder	.90

No. 304 No. 54 No. 196

NO.	Part	DOZEN
304	Reflector	$5.00
54	Reflector Braces	1.60
196	Knurled Nut	.70

No. 171 No. 37 No. 28

NO		DOZEN
150	Drip and Windshield	$1.60
37	Tip Cleaner	1.60
28	Tips	.80

All Lamps

NO.	Part	DOZEN	NO	Part	DOZEN
173	Springs	$0.40	*176	Fork and Nut	.80
174	Caps	.80	*175	Wheels	.80
177	Lghtr. Comp.	1 90	172	Flints	50
182	Hex. Nut	70	965	Ex. Bot.	1.00

(* From Factory Only)

UNION CARBIDE

Union Carbide is crushed, carefully screened and packed. For use in acetylene lamps or lighting systems

Lamp

NO.	Size	Container	
1100A	½ in.	100 lb. Drum	$15.50
2100A	1 in.	100 lb. Drum	15.50

NO	Size	Container	Case Contains	CASH
210A	1 in.	10lb Can	6 Cans	13 25
110A	½ in.	10lb Can	6 Cans	13 25
2A	½ in.	2lb Can	24 Cans	12.00

Miner's Lamp

NO	Container	Case Contains	CASH
100M	100lb Drum		$15.50
25M	25lb Drum		4.25
10M	10lb Can	6 Cans	13 25
2M	2lb Can	24 Cans	12.00

House Lighting

For use in house lighting systems. Stock carried only in 100lb Drums.

NO.	Size	Nothing Smaller Than	EACH
3100L	(Lump)	3½x2 in.	½-in. Pieces $15 25
4100E	(Egg)	2 x1½ in.	2-in. Pieces 15 25
5100N	(Nut)	1¾x1¾ in.	⅜-in. Pieces 15.25

3100L, 4100E and 5100N—Can be used in Milburn Flare Lights for construction work.

6100Q (Quarter) ¾x1-12 in. 1-12 in. Pieces 15.25

NOTE—No. 6100Q is adapted for use in generators in which carbide is fed in water. All pieces are graded. Contains no dust.

We do not break drums.

ACME DOLLS

Standard Since 1910

Our Wonderful Assortment of New Lightweight Babies is Sure to Interest Buyers Seeking High Class Merchandise

On Display at our Factory and Showroom
also
During June Toy Week—McAlpin Hotel, Room 435

ACME TOY MANUFACTURING CO.

121 West 19th Street **New York**

Johnston-Nystrom Wall Maps

New UNRIVALED Series
40 inches wide—cloth backed—nine colors

LIST OF MAPS

United States with Possessions and Mexico	South America.
Europe.	Eastern Hemisphere.
Asia and Australia.	Western Hemisphere.
Africa.	World (Van der Grinten's Projection) and Hemispheres.
North America.	

Recent—Beautiful—Accurate

The recent publishing of the new, accurate and superbly beautiful series of political geography wall maps marks a distinct accomplishment in the low price field. We have always maintained that the leading series of 40 inch maps in teaching value and beauty, in quality the NEW UNRIVALED Maps are the equal of any maps of any size. When you buy UNRIVALED you buy the best.

SINGLE MAPS

	Per map
No. 09 Mounting	$ 3.50
No. 08 Mounting	5.50
No. 06 Mounting	11.00

SETS OF MAPS

Per set		Per set
Any 4 Maps—No. 06 Mounting	$ 36.00	No. 07 Mounting $ 48.00
Any 6 Maps—No. 06 Mounting	52.00	No. 07 Mounting 70.00
Any 7 Maps—No. 06 Mounting	60.00	No. 07 Mounting 80.00
Any 9 Maps—No. 06 Mounting	68.00	No. 07 Mounting 92.00
Set of 9 Maps—No. 06 Mounting	75.00	No. 07 Mounting 100.00

Mountings
Common Roller

No. 06
Plain webbing at top and bottom to spring, must be pulled by hand. The top roller has rings for hanging and tape for tying.

Spring Roller

No. 07
Spring roller board, dust-proof strip of oil-cloth attached to end of map completely protects it.

Steel Case

No. 08
Steel spring roller case when rolling the map is completely protected.

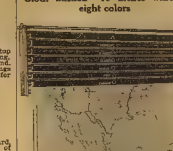
Utility Case

No. 26
Utility Quad-proof case made of hardwood. Oil cloth strip attached to bottom completely protects it.

Drop Front Case

No. 07
Drop front case useful where protection is desired against the use of the map by children. Spring fastening. Furnished with lock and key.

POPULAR Series
Cloth backed—40 inches wide—eight colors



LIST OF MAPS

United States	No. America.
Europe.	No. America.
Asia.	Eastern Hemisphere.
Africa.	Western Hemisphere.
	The World.

In this series you will find a satisfactory set of maps at a surprisingly low cost. All of the maps have been carefully edited and are thoroughly reliable. The different countries are shown in strong, separate colors, reinforced with red boundaries. These maps will give you all of the new boundaries, new capitals and changes of city and country names. An exceptionally good map value.

Special School Set of Popular Series Maps

	Per set
Eight popular maps in utility spring roller case as illustrated above with teachers' manual	$ 48.00

SINGLE MAPS

	Per map
No. 09 Mounting	$ 3.50
No. 08 Mounting	5.50
No. 06 Mounting	9.00

SETS OF MAPS

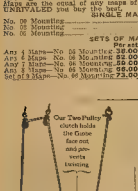
	No. 06 Mounting	No. 08 Mounting
Any 4 Maps	$ 30.00	$ 40.00
Any 6 Maps	40.00	52.00
Any 7 Maps	48.00	65.00
Any 8 Maps	56.00	75.00
Set of 9 Maps	65.00	85.00

SUPERIOR Series—State Maps

The Superior Series maps are clearly engraved, beautifully colored, and right up-to-date; showing all counties, township cities, towns, villages and post offices as named by the U. S. Postal Guide. The original alphabetical index gives the exact location of every place and 1000 names not on the maps. Backs are reinforced with cloth. Supplied with either plain rollers or spring roller cases.

	Wide Inches	Per Set Spring Rollers
Alabama—48x40 in.	12.00	19.00
Arizona—48x40 in.	12.00	19.00
Arkansas—48x36 in.	13.00	20.00
California—48x40 in.	13.00	20.00
Colorado—48x40 in.	12.00	19.00
Fla.—48—40x36 in.	12.00	19.00
Georgia—48x36 in.	13.00	20.00
Idaho—48x40 in.	12.00	19.00
Illinois—48x36 in.	12.00	19.00
Indiana—48x36 in.	12.00	19.00
Iowa—48x36 in.	13.00	20.00
Kansas—48x40 in.	12.00	19.00
Kentucky—48x36 in.	12.00	19.00
Louisiana—48x36 in.	12.00	19.00
Michigan—48x36 in.	12.00	19.00
Minnesota—48x40 in.	12.00	19.00
Mississippi—48x36 in.	13.00	20.00
Missouri—48x36 in.	12.00	19.00
Montana—48x40 in.	12.00	19.00
Nebraska—48x40 in.	12.00	19.00
New Jersey—48x36 in.	12.00	19.00
New Mexico—48x40 in.	12.00	19.00
New York—48x36 in.	12.00	19.00
North Dakota—48x40 in.	12.00	19.00
Ohio—48x36 in.	12.00	19.00
Oklahoma—48x40 in.	12.00	19.00
Oregon—48x40 in.	12.00	19.00
South Dakota—48x40 in.	12.00	19.00
Texas—48x40 in.	13.00	20.00
Wisconsin—48x36 in.	13.00	20.00
Virginia, Group (Va., Md., Del., W. Va.)—48x36 in.	12.00	21.50
Washington—48x40 in.	12.00	19.00
Wyoming—48x40 in.	12.00	19.00

Globes



Suspended Globe

The globe is suspended by a strong mesh cord with counterbalancing weight and can be raised and lowered at will. When in use it is drawn down to any desired height. When not in use it is set out of the way housed in space. A counterbalance weight, 8 or 9 oz. is used to keep the globe in position. The "Moon Ball" weight is round like a sphere, one half being painted white, the other half black, to illustrate the phases of the moon.

With Moon Ball Weight

Each
B1S16—12-inch 21.00

Plain Stand

Our Globe Stands are heavy and strong, are electro plated and highly polished.

Each
B210—8-inch 12.00
B215—10-inch 15.00
B415—12-inch 17.75

Movable Meridian

Meridian graduated on both sides easily turns to any position. It is securely held by a set-screw.

Each
B812—8-inch 12.00
B312—10-inch 14.00
B412—12-inch 16.00

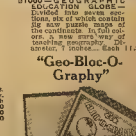
Full Mounted Movable Meridian

Meridian graduated on both sides. Time hertzon, and safety set-screw.

Each
B814—8-inch 24.00
B314—10-inch 32.00
B414—12-inch 40.00

Geographic Education Globe

B1000—GEOGRAPHIC EDUCATION GLOBE—Divided into seven sections, six of which contain big size puzzle maps of the continents. The full globe has a size every 32 inches in circumference. Packed in carton. Each 11.20



"Geo-Bloc-O-Graphy"

B1001 GEOGRAPHIC EDUCATION BLOCKS—Twenty blocks in cover from which can be made the complete maps of one or continents. Outline of boundary, mountains and bordering geography. Size of set, 8x12 inches..... Per set 4.00

Acorn Outline Maps

Lithographed on 65 lb. white superantic bristol paper, permanent in color, easy to write on. Size 11x14 inches. 60 maps in assortment packed in envelopes. Postpaid per doz. 75

SD1—United States. SD 7—Eastern Hemisphere.
SD2—Europe. SD 8—Western Hemisphere.
SD3—Asia. SD 9—World Mercator.
SD5—Africa. SD 10—Australia.
SD6—North America. SD 11—Canada.
SD4—South America. SD 60—Assorted.
SD 12—Illinois.

Six-Inch Wire Stand Globe

For Indoor dual Pupil's Use

Mounted on substantial wire stand. Maps constantly kept up to date, showing all the latest geographical changes. Each globe packed in separate paper box.

B60

Each	Per doz.
B60—6-inch	1.30	13.50
B80—8-inch	4.80	51.00
B1232—12-inch	10.00	96.00

GAMES

PARKER BROS
THE SAILOR BOY ASSORTMENT

Bright colored lithographed board with metal Spinner on which six of the following games can be played. Mistress Mary, Curly Locks, Mother Hubbard, The Frog, Little Soldier and Sailor Boy. Instructions for playing printed on box.

Per Doz
No. 0760—Size board 17¾x10½ ins **$6 75**
One in cardboard box; wt per doz 6 lbs.

MAGNETIC FISH POND

Consists of cardboard fish of small and large sizes, each with a metal ring in mouth and marked to denote the size in pounds. Complete with fishing pole, line, magnet and folding cardboard sides to represent pond.

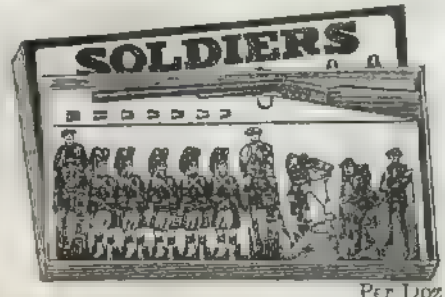
Per Doz
No. 292—Size box 16x9½ ins.... **$13 50**
One in cardboard box; wt per doz 8½ lbs.

THE GREAT EUROPEAN WAR

Consists of a fully equipped set of soldiers, one gun and wood pellet shells. Complete with instructions for playing.

Per Doz
No. 419—Size box 19x16 ins. . **$13 50**
One in cardboard box; wt per doz 9 lbs.

ADVANCE GUARD SOLDIERS



Contains mounted troopers of heavy stock. Complete with daisy air rifle, with attached rubber cork and extra strip of soldiers to be cut out. Instructions for playing printed on box.

Per Doz
No. 443—Size box 19½x10¼ ins..... **$25 50**
One in cardboard box; wt per doz 6½ lbs.

POP-OVER

Consists of heavy cardboard mounted soldiers, pop-over pistol and small wood pegs as ammunition. Instructions for playing printed on box.

Per Doz
No. 430—Size box 7¾x6¾x 1½ ins **$6 75**
One in cardboard box; wt per doz 3 lbs.

GAMES

RADIO QUESTIONAIRE

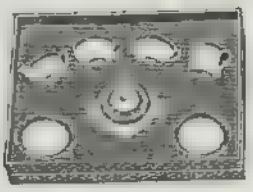
Reinforced cardboard printed in bright attractive colors. Fitted with nickel plated clock like indicating hands. Works by electricity without wire connections. Provides lots of instructive amusement; the question cards cover geography, science, literature, history, conundrums and many other subjects.

Complete with battery, 6 question cards, each containing 30 questions and instructions for operating.

Per Doz
No. 150—Size board 9½x9½x2¾ ins. **$39 00**
One in cardboard box; wt per doz 16 lbs.

TOY TEA SETS

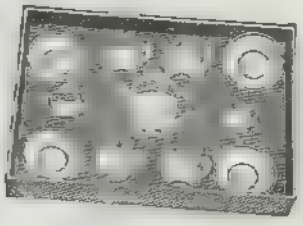
CHINA



9 Piece Set.

Set consists of 2 cups, 2 saucers, sugar bowl with cover, cream pitcher and tea pot with cover. White china with decorated band.

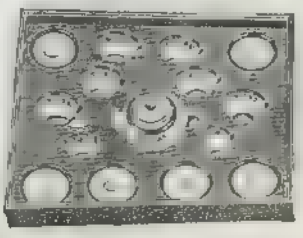
Per Doz Sets
No. M28—Wt per doz sets 9 lbs..... **$6 30**
One set in cardboard box.



13 Piece Set.

Set consists of 4 cups, 4 saucers, sugar bowl with cover, cream pitcher and tea pot with cover. White china with decorated band of blue and gold.

Per Doz Sets
No. M41—Wt per doz sets 18 lbs..... **$13 50**
One set in cardboard box.



17 Piece Set.

Set consists of 6 cups, 6 saucers, sugar bowl with cover, cream pitcher and tea pot with cover. White china decorated with gold band and flowered designed.

Per Doz Sets
No. M44—Wt per doz sets 23 lbs **$24 00**
One set in cardboard box

17 Piece Set.

Set consists of 4 cups, 4 saucers, 4 plates, sugar bowl with cover, cream pitcher and tea pot with cover. Comes in assorted lustre colors.

Per Doz Sets
No. M47—Wt per doz sets 30 lbs **$33 00**
One set in cardboard box.

HORSE SHOE GAMES

PITCH EM

Set consists of four moulded, wire reinforced (pony size) horse shoes and two green enameled metal plates 11¾x11¾ inches with two removable nickel plated pegs. Game played according to regulation American horse shoe rules which are printed on cover of box.

Per Doz Sets

No. 154—Wt per doz 32 lbs..... $24 75

One set in cardboard box; one doz sets in carton.

Set consists of two red rubber discs, with nickel plated metal posts and four black rubber horse shoes. Can be used for indoor or outdoor playing. Complete with instructions for playing.

Per Doz

No. 758—Diam discs 7⅝ ins; length of shoes 6¾ ins... $25 50

One set in cardboard box; wt per doz sets 36 lbs.

RING GAMES

Set consists of two red rubber discs with nickel plated metal posts and four black rubber rings. Can be used for indoor or outdoor playing. Complete with instructions for playing.

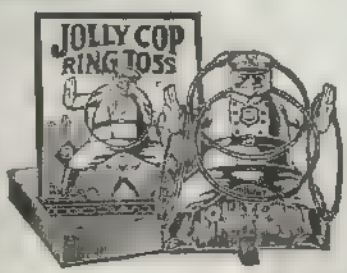
Per Doz

No. 478—Diam discs 4⅝ ins; diam rings 2¾ ins..... $9 00

One set in cardboard box; wt per doz sets 12 lbs.

GAMES

JOLLY COP RING TOSS



Consists of bright colored two piece, heavy cardboard cut out cop, with wood base to hold him upright and four colored reed rings. The counting of score is most ingenious, the weight of rings causes the counters to appear at his knees, the more rings and weight, the greater the score. Instructions for playing and scoring printed on box.

Per Doz

No. 415—Size 10½x8 ins..... $12 75

One in cardboard box, half doz in pkg, six doz in carton, wt per doz 10 lbs.

GEE WHIZ HORSE RACE

Sheet steel enameled in bright colors. Game is played by spinning fly wheel with heavy cord, shaft drives steel balls forcibly against horses, advancing them along tracks in thrilling neck to neck contest. Once the game starts, the progress of the horses cannot be controlled. There are many different ways to play this game.

Per Doz

No. 40—Length 15 ins; height 5¾ ins..... $63 00

One in cardboard box; per doz 50 lbs.

GAMES

MYSTICKS MAGIC BLACKBOARD

Consists of 9x12 inch easel back blackboard with red enameled border. Contains 12 white magnets, 1½ inches long, 8 red magnets 1 inch long and 8 yellow magnets ½ inch long. Complete with four color manual and instructions for operating.

Each

No. 45—Wt per doz 6 lbs..... $2 10

One in cardboard box.

KNAPP THE TELL BELL

By sliding three rods back and forth it does unbelieveable things. Tells fortunes, teaches addition, substraction, multiplication and division, does problems, teaches reading, spelling and sentence building. For younger children provides a fascinating and stimulating means of teaching and training the mind. Operates on battery, no electric connections. Complete with set of 12 cards in full colors, battery, bell and instructions for operating.

Each

No. 399—Wt each 6 lbs..... $11 25

One in partitioned, imitation leather covered case.

KNAPP ELECTRIC QUESTIONER

Asks questions, puzzles, teases and then with a loud buzz tells the correct answer.

A bottomless trunk of knowledge, tells all about the wonders of the stars and planets, the life of George Washington, about China, the mysterious Empire, and gives strange facts of history, geography, nature and science in endless variety. Also equipped with new nature series of cards, which show and tell about the world a million years ago, a walk by the waters edge, deep sea life, wild flowers, fruits, nuts and vegetables, a day at the Zoo, etc. Its variety is endless.

Operates by a single flashlight battery. No electric connections required. Complete with battery, cards and instructions for operating.

Each

No. 325—Wt each 4 lbs..... $8 25

One in partitioned, imitation leather covered wood box.

UNION

Aeronautical Supplies

Showing only Items and Lines of Proven Merit

L

AVIATION SUITS

Stronghold Kaki—Aviators

The stronghold aviation suits are designed to meet the specific needs of the aviation requirements.

Every convenience is embodied in the garment. Slanting front pockets, bellows pockets above the knees, adjustable wrist and ankle straps with adjustable belt all the way around the waist.

Only the best of materials are used in these garments. Garments may be lettered with your name or trade mark at a slight additional charge.

NO.	Sizes	lb Ea.	EACH
1960	36-44	1¼	$6.00

Aviation Mechanics

Same as 1960 excepting has no pockets above the knees.

NO.	Sizes	lb Ea.	EACH
1961	36-44	1¼	$6.00

Ute

Ute is new; It is revolutionary in principle, affording its wearer unusual protection and comfort from all kinds of bad weather.

For flying or around the flying field, extensivly used for Motor Boating, Duck Shooting, Golfing, Motor Cycling. Working around the farm in fact for all outdoor workmen.

No.	Size	PAIR
US	Small	$15.00
UM	Medium	15.00
UL	Large	15.00

Specify Small, Medium or Large when ordering

L

HELMETS

AVIATION AND AUTO

Heater

Hand tailored for comfort and fit. As the name indicates the Heater Hug-Tite Helmet hugs the head exactly like a fine glove fits the hand. At every point—over the head—around the forehead, cheeks, chin and neck it hugs-tite, keeping out the rush of air and assuring comfort. The wide extension on the right side fits comfortably under the chin and the strap fastener is entirely on the outside of this extension, eliminating possibility of irritation.

Full Chamois—Ear Pads

NO.	Sizes	EACH
120	Small, Medium, Large.	$7.50

Tan Sides, Brown Ribs. Chamois Lined. Ear Pads

NO.	Sizes	EACH
113	Small, Medium, Large	$7.00

Solid Black. Chamois Lined. Ear Pads

NO.	Sizes	EACH
119	Small, Medium, Large	$7.00

Solid Tan. Chamois Lined. Ear Pads

NO.	Sizes	EACH
122	Small, Medium, Large	$7.00

Solid Black. Glove Leather Lined. Ear Pads

NO.	Sizes	EACH
115	Small, Medium, Large	$6.50

Solid Black—Unlined

NO.	Sizes	EACH
111	Small, Medium, Large.	$3.75

Solid Tan—Unlined

NO.	Sizes	EACH
114	Small, Medium, Large...	$3.75

AVIATION AND AUTO

Chamois Lined. Ear Pads. Brown Sides. Tan Ribs

NO.	Sizes	EACH
126	Small, Medium, Large	$7.00

Black Sides. Tan Ribs. Chamois Lined

NO.	Sizes	EACH
127	Small Medium, Large	$7.00

Tan Sides. Brown Ribs. Glove Leather Lined Ear Pads

NO.	Sizes	EACH
101	Small, Medium, Large	$6.50

Brown Sides. Tan Ribs. Glove Leather Lined

NO.	Sizes	EACH
102	Small, Medium, Large	$6.50

Black Sides. Tan Ribs. Glove Leather Lined

NO	Sizes	EACH
103	Small, Medium, Large.	$6.50

Solid Brown—Unlined

NO.	Sizes	EACH
112	Small, Medium, Large	$3.75

Tan Sides—Brown Ribs—Unlined

NO.	Sizes	EACH
110	Small, Medium, Large	$3.75

Brown Sides—Tan Ribs—Unlined

NO.	Sizes	EACH
123	Small, Medium, Large	$3.75

Black Sides—Tan Ribs—Unlined

NO.	Sizes	EACH
124	Small, Medium, Large	$3.75

HELMETS

AVIATION AND AUTO

Fonda

These Helmets are of the very best material and workmanship. They are made snug fitting and will meet the approval of the most critical aviator. Also used by automobile racers and motorcycle riders.

NO.	Color	EACH
B-R-45	Brown	$ 9.00
G-5	Grey	12.00
BG-10	Black	7.00
B	Beaver	2.00

Sizes carried in stock 6¾, 7, 7¼, 7½, 7¾. When ordering be sure and specify head size desired.

PLAYTHINGS
that build character

Parents today are demanding play things for their children that are "just like real." Playroom Kitchen Cabinets and Doll Houses meet this demand. They are popular priced. **See our display in the Cameo Room, Space Two, Hotel Morrison, during the Chicago Toy Fair.**

PLAYROOM EQUIPMENT CO., Inc.
1812 TRIBUNE TOWER, CHICAGO
Factories at Andrews and Peru, Ind.

"Mother Goose Cottage"

MARBLES--
the shortest path to profits

AS THE CROW FLIES

Look for the Crow, the bird of good ... asked ... Akro Agate

... is your assurance of perpetuated profits and ... Boys ... what to know about and look for in ... Akro Agate

... ready for our complete catalog, and ... of our special offer to new dealers

THE AKRO AGATE CO. - - CLARKSBURG, W.VA.

ROYAL GAMES
WILL BE DISPLAYED AT
CHICAGO TOY FAIR
ROOM 420 — HOTEL MORRISON
UNDER PERSONAL SUPERVISION OF
ROBERT R G MacLAREN

NEW GAMES
TEN CENTS TO A DOLLAR

COMPLETE LINE OF ALL YEAR MERCHANDISE AT POPULAR PRICES—THESE GAMES ARE BOTH EDUCATIONAL AND AMUSING

ROYAL GAMES, Inc.
221 FOURTH AVENUE — NEW YORK CITY

TOYS & GAMES ALL-FAIR

Novel. Sturdily made. Beautifully colored. Snappy items that are profit builders for toy and game departments. Priced to **move** quickly. Pull toys individually packaged in colorful lithographed container. Send for 1930 illustrated catalogue

ALL-FAIR, INC.
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YACHT
POLICE
TROOPER

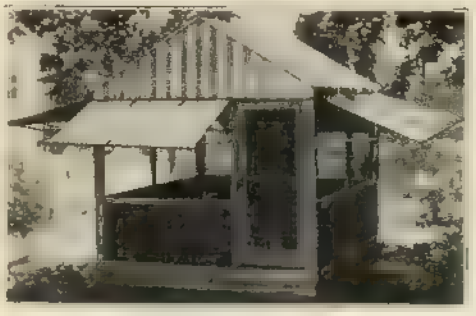
CAPS

SKULL
BASEBALL
SAILOR

SILVERFOIL ICICLES
(LEAD TINSEL)
5 SIZES ATTRACTIVELY PRICED

LET'S MAKE WHOOPEE

MANUFACTURED BY
S. COHEN & SON 5th and Monroe Sts., Phila., Pa.



WEIGHS APPROX 300 LBS.

DE LUXE PLAYHOUSE FOR THE KIDDIES

A Mother's Problem Solved

LIST PRICE $90.00

A real practical playhouse, screened all around with extended awnings which can be dropped during wet weather

Top is made of high grade colored awning stripe
Panels are made of Upson B ard
Can be put up and taken down in a few minutes
Can be stored away like window screens if not wanted in the nursery
Floor size 5 ft. x 6 ft., height to eaves 4 ft., peak 5 ft. 6 in.

WE ALSO MANUFACTURE JUVENILE TENTS—SCOUT—PUP —PALMETTO—PLAY—ALSO LARGER SIZES OF PLAYHOUSES

On Display at PALMER HOUSE TOY FAIR—Room 751

UNITED STATES TENT & AWNING CO., 707 No. Sangamon St., Dept. P, Chicago, Ill.

Adjustable

CANOPY

A SELLING FEATURE!

Our regular baby swing and stand can be equipped as illustrated with this adjustable canopy made of heavy duck in gay color trimmed with rayon fringe. Canopy is adjustable to any angle to protect child from hot, direct rays of sun or from wind. This feature will increase selling value of the swing. Write for complete information on this swing and on our entire line.

Welsh-Hartman Co.

Hush-a-by ACCESSORIES —FOR— Wee-Tots

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ST. LOUIS, MO.

SEE OUR EXHIBIT ON B FLOOR, MORRISON HOTEL, CHICAGO

WORNOVA

America's Fastest-Growing

PLAY SUIT AND COSTUME LINE

Cowboy, Indian, Fireman, Policeman and Aviator Suits —and a wonderful line of Costumes for Hallowe'en and every festive occasion.

WRITE FOR ILLUSTRATED CATALOG

See us at the
CHICAGO TOY FAIR
Palmer House, Room 640

WORNOVA MFG. CO. INC.

1182 BROADWAY NEW YORK

Next to Hotel Breslin

"WE" DOLLS

A Powerful Factor in the American Doll Industry

"We" Dolls offer beauty, quality and price combined in a complete selection of

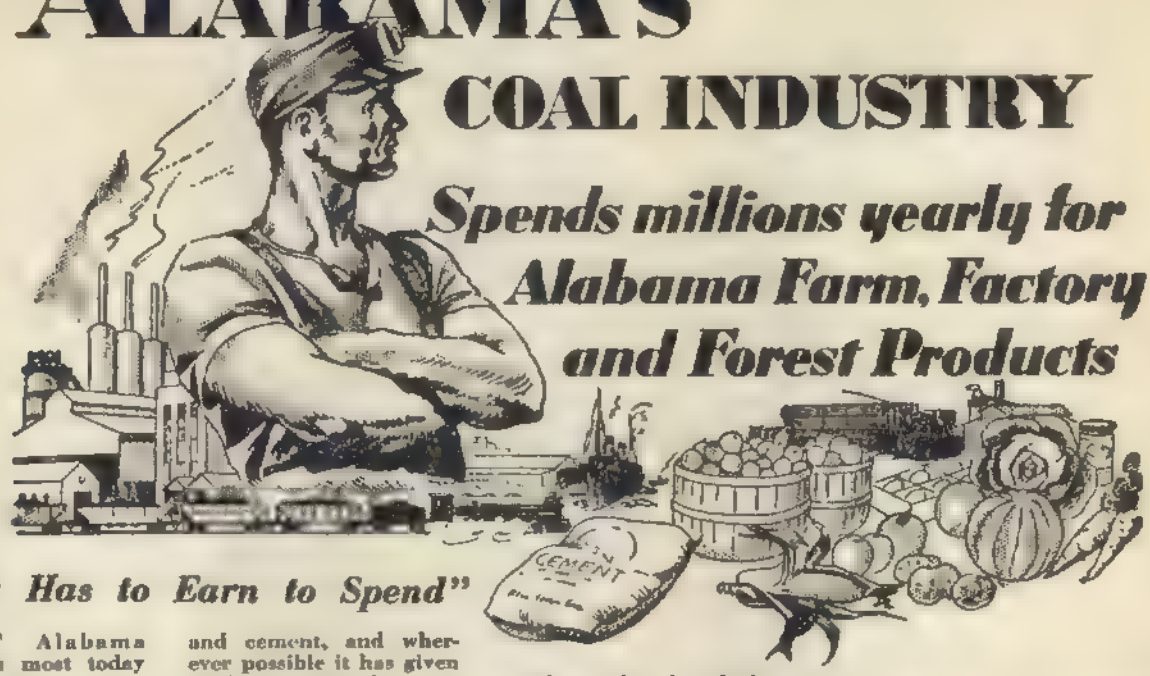
25¢ to $10 Sellers

TOY PRODUCTS MFG. CO.

583-587 Broadway New York City

ALABAMA'S COAL INDUSTRY

Spends millions yearly for Alabama Farm, Factory and Forest Products



"Labor Has to Earn to Spend"

WHAT Alabama needs most today is a bigger and a better home market. What Alabama is now actually facing is a shrinkage in the market already here.

For many years, Alabama's coal industry has been Alabama's biggest cash customer for Alabama farm, factory and forest products. Its purchases have aggregated many millions yearly. It has been a steady customer for almost everything that grows from Alabama soil—corn, hay, oats, produce in vast quantities. It has been a regular consumer of Alabama livestock, dairy products and poultry. It has been a big buyer of supplies and equipment made by scores of Alabama industries. It has been the principal contributor to Alabama's railroad freight revenues. It has built its villages and tipples from Alabama brick, lumber, and cement, and wherever possible it has given preference to the products Alabama makes and grows.

More than any single industry, Alabama coal and coke have been responsible for the prosperity which Alabama has enjoyed. During the nationwide depression of 1920-21, Alabama did not feel the full effects of *hard times* because Alabama's coal industry was running almost *full time*.

One of the big reasons why Alabama is now feeling so severely *this* depression, is because Alabama coal mines are now running only one to three days a week. The big buying power of the coal industry has been cut down by outside competition—natural gas, and electricity (even though produced in Alabama) which employ but little Alabama labor in proportion to coal mining. It is not alone the coal producing counties which have suffered. Every section of the state has been blighted by the backfire.

Every time the Alabama coal and coke industry loses a customer to Natural Gas and Electricity, an Alabama farmer loses some portion of his biggest and his best home market. Every time an Alabama plant replaces Alabama coal with another form of fuel or power, it is limiting its own home market and its own future growth.

For one hundred years, the welfare of the Alabama coal industry and the welfare of our state have been irrevocably linked. To continue to forge forward they must travel hand in hand and side by side.

This is the third of a series of advertisements published by Alabama Coal and Coke producers about Alabama Coal and Coke

Alabama COAL

Alta Coal Company
Adams Rowe & Newman
Alabama By-Products Corporation
Alabama Fuel & Iron Company
Bessemer Coal, Land & Iron Company
Big Sandy Coal & Iron Company
Black Creek Coal & Coke Company
Black Diamond Coal Mining Company
Blocton Cahaba Coal Company
Blocton Mining Company
Brilliant Coal Company
Brookside Pratt Mining Company
Cane Creek Coal Mining Company
Davis Creek Coal and Coke Company
DeBardeleben Coal Corporation
Deerwater Black Creek Coal Company
J. O. Drewry Contracting Company, Inc.
East Pratt Coal Company
Franklin Coal Mining Company
Gateway Coal Company
Gridley Coal Sales Agency
Hammond Iron Company
Hills Creek Mining Company
C. F. Hurst & Company
Kershaw Mining Company
Lehigh Coal Company
Little Cahaba Coal Company
Little Gem Coal Company
Marketa Coal Company
Moffatt Coal Company
Montevallo Coal Mining Company
Muse & McCormack
National Coal & Coke Company
Newcastle Coal Company
Paramount Coal Company
Porter Coal Company
Pratt Fuel Corporation
Premier Coal Company
Republic Pratt Coal Company
Rodan Coal Company
Sloss Coal Company
Sipsey Coal Mining Company
Southern Coal Company
Southern Coal & Coke Company
Stith Coal Company
Strawn Coal Mining Company
Yolande Coal & Coke Company

COAL and COKE

Are the Most Economical, Dependable and Satisfactory of All Fuels for Power Plant Purposes or Home Heating.

According to reputable engineers:

COAL will cost in Alabama, on the average, for power plant purposes, about ONE-HALF AS MUCH AS NATURAL GAS and in larger industries about SIXTY PER CENT as much as purchased ELECTRICITY.

FOR HOME HEATING, Coal and Coke will cost anywhere from ONE-THIRD to ONE-HALF as much as natural gas, depending on the grade of coal used.

Any industry or home owner, desiring verification of the foregoing statement, is invited to write to the Alabama Mining Institute, Webb Crawford Building, Birmingham.

Aside from this question of ECONOMY—which in these trying times is an all important question whether you are operating an industry or home—these facts about coal and coke should always be remembered:

Coal and Coke are available whenever you require them. Your supply does not depend upon the weather or a long distance pipe line. When you burn COAL or COKE, you'll never have to fear furnace shutdowns for lack of fuel, breakdowns from mechanical failures, exhaustion of supply or interruption in your service. Coal and Coke do not leak, trickle or explode. Coal and Coke are safe, dependable and economical.

Unless you have money to burn—burn COAL or COKE!

ALEXANDER DOLLS

Created and Designed by Madame Alexander

You'll Be Delighted with These New Creations

OUR "CHERUB" BABIES

The softest, lightest and daintiest dolls imaginable. 5 sizes, in a variety of beautiful costumes. The very best that money can buy.

"CHUBBY" BABIES

Older companions to our "Cherub" Babies, and right up to the minute in Dolldom's latest and most popular fashions.

NOVELTY DOLLS

They resemble real children in feature and costume, and are meeting with exceptional success.

At the Suggestion of Leading Buyers

Madame Alexander has designed a complete line of Beautiful Dolls Clothes, embodying all the latest fashions, and made to fit Dolls of all kinds and sizes.

ON DISPLAY
at the
CHICAGO TOY FAIR
HOTEL MORRISON, ROOM 436
MADAME ALEXANDER in Attendance

ALEXANDER DOLL CO.

132 WEST 22ND ST. NEW YORK

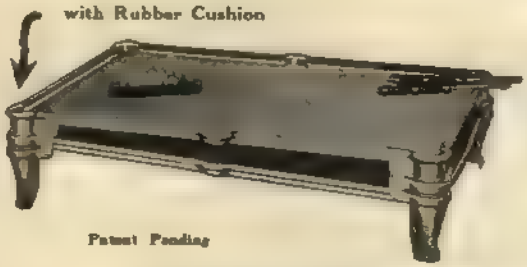
SEE *The Enlarged*

No. 900
BABY RACK

Size 15½ x 5¼ x 6¼ in
4 balls. Packed 1 doz
Shipping weight
28 lbs

Patent Pending

with Rubber Cushion



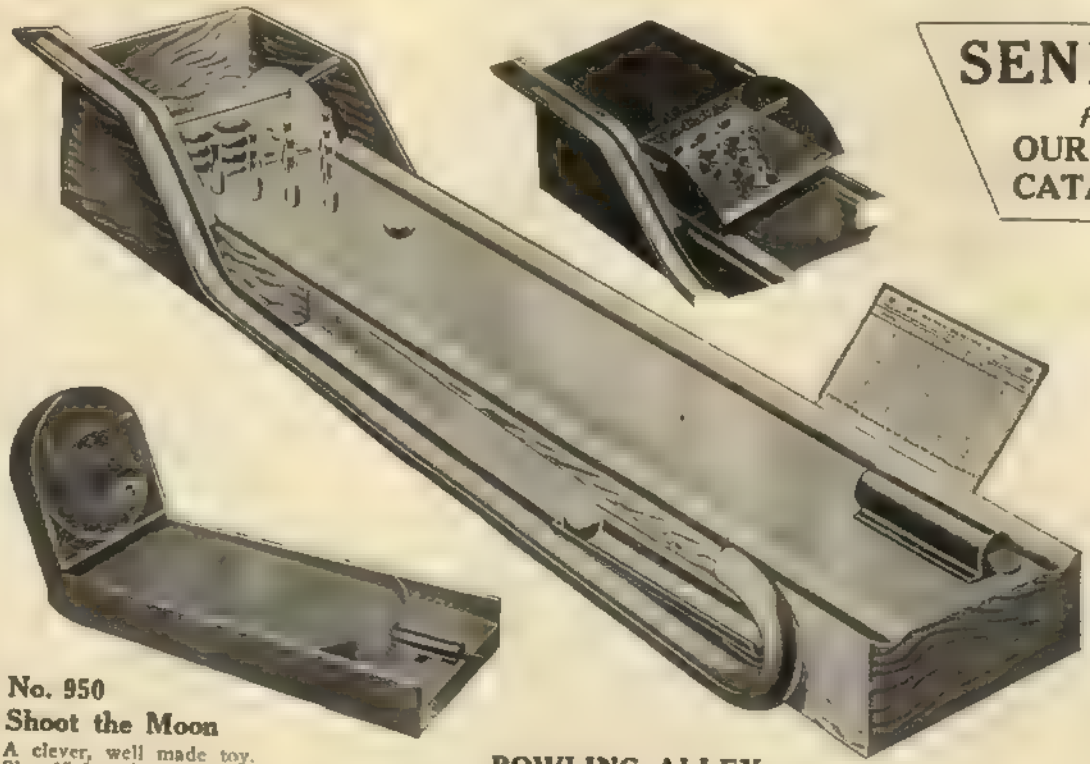
Patent Pending

No. 825—POOL TABLE

"The Pool Table deLuxe." Rubber cushion Size 17 x 4 x 11½ in. Triangle. 16 balls, 2 cue sticks. Packed 1 doz. Shipping weight 44 lbs.

ASK ABOUT OUR FULL LINE OF
TOY TELEPHONES

SEND
for
OUR NEW CATALOG



No. 950
Shoot the Moon

A clever, well made toy. Size 15½ x 5¼ x 6¼ in. Packed 1 doz. Shipping weight 28 lbs.

BOWLING ALLEY
Man size for dad and the boy
48 in. long. Also other sizes
24 in and 16 in

The **BRINKMAN ENGINEERING CO.**
BACON AND BAINBRIDGE STS. DAYTON, OHIO, U. S. A.

Genuine Heavy Solid Sterling Silver Tableware

Rosalind Pattern — **Lovely Gray Finish**

A very graceful plain design, enhanced with charming scroll ornamentation to relieve its severe simplicity and to accentuate its beauty to a captivating degree

GIFTS THAT LAST

Illustration Herewith Actual Size

GIFTS THAT LAST

Search the market if you will to find such outstanding values as quoted here. A real classic reproduction, a very graceful pattern, of very substantial construction and finest workmanship.

Separate Pieces at the Following Prices

The Principal Pieces:

No.		
Y6756	Tea Spoons, trade weight, per dozen	$15.50
Y6757	Tea Spoons, medium weight, per dozen	19 50
Y6758	Tea Spoons, heavy weight, per dozen	25 10
Y6759	Dessert Spoons, trade weight, per dozen	37 00
Y6760	Table Spoons, trade weight, per dozen	47 55
Y6761	Table Spoons, medium weight, per dozen	55 45
Y6762	Soup Spoons, trade weight, per dozen	47 55
Y6763	Dessert Forks, trade weight, per dozen	37 00
Y6764	Dessert Forks, medium weight, per dozen	44 90
Y6765	Dessert Knives, Hollow Handle *Insico French Blade, per dozen	55.45
Y6766	Dinner Forks, trade weight, per dozen	46 20
Y6767	Dinner Forks, medium weight, per dozen	55.45
Y6768	Dinner Knives, Hollow Handle, *Insico French Blade, per dozen	60 75

*Insico Blades—Guaranteed Rustless and Stainless Steel

Fancy Dozens

Y6769	Bouillon Spoons, per dozen	$25 10
Y6770	Butter Spreaders, Flat Handle per dozen	33 00
Y6771	Coffee Spoons, per dozen	14 55
Y6772	Iced Tea Spoons, per dozen	16 55
Y6773	Orange or Grapefruit Spoons, per dozen	37 00
Y6774	Oyster or Cocktail Forks per dozen	37 00
Y6775	Salad Forks, individual, per dozen	22.45
		42 25

Fancy Single Pieces

Y6776	Baby Fork, each	$1 65
Y6777	Baby Knife, Hollow Handle, *Insico Mirror Finish Blade each	3.65
Y6778	Baby Spoon, No. 1, bent handle, each	2.00
Y6779	Baby Spoon, No. 2, flat handle each	1.65
Y6780	Berry Spoon, large, each	9 25
Y6781	Butter Knife, each	4.75
Y6782	Cake Server, Hollow Handle, *Insico Mirror Finish Blade, each	5.65
Y6783	Cheese Server, Hollow Handle, *Insico Mirror Finish Blade, each	3.65
Y6784	Child's Fork, each	3.65
Y6785	Child's Knife, Hollow Handle, *Insico Mirror Finish Blade, each	4.30
Y6786	Cold Meat Fork, large, each	9 25
Y6787	Cold Meat Fork, medium each	5 30
Y6788	Cream Ladle each	3.65
Y6789	Gravy Ladle each	7.30
Y6790	Lunch Server, each	5.30
Y6791	Mayonnaise Ladle, each	3.30
Y6792	Olive Fork, each	3.00
Y6793	Olive Spoon each	3.00
Y6794	Pie Server, Hollow Handle No. 1, wide Blade, *Insico Mirror Finish Blade, each	7.30
Y6795	Pie Server, Hollow Handle, No. 2, narrow Blade, *Insico Mirror Finish Blade, each	5.65
Y6796	Preserve Spoon, each	7.30
Y6797	Sugar Spoon, each	3.00
Y6798	Sugar Tongs, each	3 00

Carving Sets

Y6799	Meat No. 2 (3 pieces, no guards), per set	$31.70
Y6800	Steak (2 pieces, no guards), per set	9.90

Knives have *Insico Mirror Finish Blades. Forks have *Insico Mirror Finish Tines to match

Chests to hold Silverware are illustrated and quoted on following pages.

Genuine Heavy Solid Sterling Silver Tableware

Solid Silver has all the essentials of the PERFECT GIFT Appropriateness, Beauty, Utility, and lasting Durability gifts that reflect credit upon the good taste of the donor Gifts that will daily remind the recipient of the thoughtfulness and love of the donor This gracious expression is assured from your selection of the large assortment of America's choicest patterns shown in this "GIFT BOOK"

Lady Betty Pattern Rich Gray Finish Illustration Herewith Actual Size

These low prices take Solid Silver out of the luxury class and place it in the practical class within the reach of the man of modest income. Beautifully dainty in decoration and straightforward in outline. A pattern very pronounced for its refinement and good taste.

GIFTS THAT LAST

Separate Pieces at the Following Prices

The Principal Pieces

No.	Y6801	Tea Spoons, trade weight Per dozen	$19.80
No.	Y6802	Tea Spoons, medium weight Per dozen	22 45
No.	Y6803	Tea Spoons, heavy weight. Per dozen	27.75
No.	Y6804	Dessert Spoons, medium weight. Per dozen	44 90
No.	Y6805	Table Spoons, medium weight. Per dozen	55.45
No.	Y6806	Soup Spoons, medium weight. Per dozen	44.90
No.	Y6807	Dessert Forks, medium weight. Per dozen	56.00
No.	Y6808	Dessert Knives, Hollow Handle,* Insico French Blade. Per dozen	56.45
No.	Y6809	Dinner Forks, medium weight Per dozen	62 10
No.	Y6810	Dinner Knives Hollow Handle,* Insico French Blade. Per dozen	

*Insico Blades Guaranteed Rustless and Stainless Steel

Fancy Dozens

No.	Y6811	Bouillon Spoons. Per dozen	$30.40
No.	Y6812	Butter Spreaders, Flat Handle. Per dozen	33.80
No.	Y6813	Coffee Spoons. Per dozen	15.85
No.	Y6814	Fruit Knives, Hollow Handle,* Insico Mirror Finish Blade Per dozen	52 80
No.	Y6815	Iced Tea Spoons Per dozen	44 90
No.	Y6816	Orange or Grapefruit Spoons. Per dozen	39.60
No.	Y6817	Oyster or Cocktail Forks. Per dozen	24.45
No.	Y6818	Salad Forks, individual. Per dozen	48.95

Fancy Single Pieces

No.	Y6819	Baby Fork, Straight Handle Each	$ 1.65
No.	Y6820	Baby Knife, Hollow Handle,* Insico Mirror Finish Blade. Each	3.65
No.	Y6821	Baby Spoon, Straight Handle. Each	1.65
No.	Y6822	Berry Spoon Each	11.25
No.	Y6823	Bon Bon Spoon. Each	3.30
No.	Y6824	Butter Knife Each	5.30
No.	Y6825	Cake Server, Hollow Handle, Nickel Plated Steel Blade Each	2.70
No.	Y6826	Cheese Server, Hollow Handle,* Insico Mirror Finish Blade. Each	6.45
No.	Y6827	Child's Fork Each	6.80
No.	Y6828	Child's Knife, Hollow Handle,* Insico Mirror Finish Blade. Each	5.30
No.	Y6829	Cold Meat Fork Each	9.90
No.	Y6830	Cream Ladle Each	4.95
No.	Y6831	Gravy Ladle Each	7.95
No.	Y6832	Jelly Server Each	3.65
No.	Y6833	Mayonnaise Ladle Each	3.30
No.	Y6834	Olive Fork Each	3.30
No.	Y6835	Olive Spoon, Each	4.00
No.	Y6836	Pie Server, Hollow Handle,* Insico Mirror Finish Blade Each	9 90
No.	Y6837	Salad Fork Each	11.25
No.	Y6838	Salad Spoon, large Each	3.30
No.	Y6839	Sugar Spoon Each	3.65
No.	Y6840	Sugar Tongs Each	

Carving Sets†

No.	Y6841	Meat Set, 3 pieces, with guards. Per set	$37 00
No.	Y6842	Steak Set, 2 pieces, with guards. Per set	6.60

†Price of Knife, Fork or Steel the same. Knives with guards have Insico Mirror Finish Blades. Forks have *Insico Mirror Finish (Rest to Match)

Chests to hold Silverware are illustrated and quoted on following pages

Genuine Heavy Solid Sterling Silver Tableware

Theseum Pattern. **Historical and Beautiful.** **Lovely Gray Finish.**

In the Theseum pattern you will find real beauty and appeal. It is a real masterpiece in classic designs, historically rich and interesting. Theseum is the best preserved Greek temple on the Acora at Athens, dating from about 421 B. C. and erected in honor of Theseum, the an lent King of Athens. The same strength, massiveness and classic beauty that characterized Theseum of old has been transformed by an eminent designer into this charming pattern, which is "Wrought from Solid Silver."

Never have such remarkably low prices been offered for this magnificent pattern as presented in this sale. The value is truly extraordinary.

Illustration herewith Actual Size.

GIFTS THAT LAST

THESEUM PATTERN — GRAY FINISH

Separate Pieces At the Following Prices

The Principal Pieces

No. Y6656	Tea Spoons, Medium Weight	Per Dozen	$23.80
No. Y6657	Tea Spoons, Heavy Weight	Per Dozen	38.60
No. Y6658	Tea Spoons, Extra Heavy Weight	Per Dozen	35.65
No. Y6659	Dessert Spoons, Medium Weight	Per Dozen	50.20
No. Y6660	Table Spoons, Medium Weight	Per Dozen	73.95
No. Y6661	Soup Spoons, Medium Weight	Per Dozen	59.40
No. Y6662	Dessert Forks, Medium Weight	Per Dozen	53.45
No. Y6663	Dessert Knives, Hollow Handles, Insico French Blades	Per Dozen	56.80
No. Y6664	Dinner Forks, Medium Weight	Per Dozen	68.65
No. Y6665	Dinner Knives, Hollow Handles, Insico French Blades	Per Dozen	65.60

INSICO BLADES GUARANTEED RUSTLESS AND STAINLESS STEEL FANCY DOZENS

No. Y6666	Roast or Spoons	Per Dozen	$35.65
No. Y6667	Butter Spreaders, Flat Handles	Per Dozen	39.60
No. Y6668	Coffee Spoons	Per Dozen	15.85
No. Y6669	Pearl Knives, Hollow Handles, Insico Mirror Finish Blades	Per Dozen	52.80
No. Y6670	Ice Cream Forks	Per Dozen	39.60
No. Y6671	Iced Tea Spoons	Per Dozen	46.20
No. Y6672	Orange or Grapefruit Spoons	Per Dozen	39.60
No. Y6673	Oyster or Cocktail Forks	Per Dozen	26.40
No. Y6674	Salad Forks, Individual	Per Dozen	52.80

FANCY SINGLE PIECES

No. Y6675	Berry Spoon, Large	Each	$13.20
No. Y6676	Berry Spoon, Small	Each	10.60
No. Y6677	Butter Knife	Each	5.30
No. Y6678	Cake Server, Hollow Handle, Insico Mirror Finish Blade	Each	6.60
No. Y6679	Cheese Server, Hollow Handle, Insico Mirror Finish Blade	Each	3.65
No. Y6680	Cream Spoon	Each	3.65
No. Y6681	Child's Fork	Each	6.08
No. Y6682	Child's Knife, Hollow Handle, Insico Mirror Finish Blade	Each	4.65
No. Y6683	Cold Meat Fork, Large	Each	12.55
No. Y6684	Cold Meat Fork, Small	Each	7.95
No. Y6685	Cream Ladle	Each	4.30
No. Y6686	Egg Server, Hollow Handle, Insico Mirror Finish Blade	Each	6.60
No. Y6687	Gravy Ladle	Each	9.25
No. Y6688	Jelly Server	Each	4.00
No. Y6689	Mayonnaise Ladle	Each	4.00
No. Y6690	Olive Fork	Each	3.65
No. Y6691	Olive Spoon	Each	7.95
No. Y6692	Pie Server, Hollow Handle, Insico Mirror Finish Blade	Each	19.80
No. Y6693	Poultry Shears	Each	12.55
No. Y6694	Salad Fork, Serving	Large Each	10.60
No. Y6695	Salad Spoon, Serving	Each	4.30
No. Y6696	Sugar Spoon	Each	4.65
No. Y6697	Sugar Tongs	Each	9.90
No. Y6698	Tomato Server	Each	

CARVING SETS

No. Y6699	Meat Set, 3 pieces, with guards	Per Set	$39.60
No. Y6700	Game Set, 2 pieces, with guards	Per Set	25.10
No. Y6701	Steak Set, 2 pieces, with guards	Per Set	13.20

Price of Knife, Fork or Steel the same. Knives have Insico Mirror Finish Blades. Forks have Insico Mirror Finish Tines to match.

For a complete line of Chests to hold silver in this pattern refer to following pages.

Genuine Heavy Solid Sterling Silver Tableware

The New Georgian Maid Pattern. "Wrought from Solid Silver"

The New Masterpiece in Solid Sterling Silver—a design of substantial strength, graced with delicate beauty. Gray finish

GIFTS THAT LAST

GIFTS THAT LAST

Illustrations Herewith Are Actual Size

The Cost of Sterling Silver is in nowise prohibitive when you have an opportunity to purchase at such low WHOLESALE prices as this selling offers.

Separate Pieces at the Following Prices

The Principal Pieces:

			$19 80
No.	Y6702	Tea Spoons, 5 o'clock size Per dozen	22 45
No	Y6703	Tea Spoons, trade weight Per dozen	27 75
No	Y6704	Tea Spoons, regular weight Per dozen	33 00
No.	Y6705	Tea Spoons, heavy weight Per Dozen	42 25
No	Y6706	Dessert Spoons, trade weight Per dozen	48 85
No	Y6707	Dessert Spoons, regular weight Per doz	55 45
No	Y6708	Table Spoons trade weight Per dozen	63 40
No	Y6709	Table Spoons, regular weight Per dozen	50 70
No	Y6710	Soup Spoons trade weight Per dozen	44 90
No	Y6714	Dessert Forks trade weight Per dozen	52 80
No	Y6712	Dessert Forks regular weight Per dozen	56 80
No.	Y6713	Dessert Knives, Hollow Handle, *Insico French Blade Per doz	50 20
No	Y6714	Dinner Forks trade weight Per dozen	98 10
No	Y6715	Dinner Forks regular weight, Per dozen	92.00
No	Y6716	Dinner Knives, Hollow Handle, *Insico French Blade Per dozen	

*Insico Blades Guaranteed Rustless and Stainless Steel

Fancy Dozens

			$30.40
No	Y6717	Bouillon Spoons Per dozen	33.00
No	Y6718	Butter Spreaders, Flat Handles Per dozen	15.85
No	Y6719	Coffee Spoons Per dozen	52.80
No.	Y6720	Fruit Knives, Hollow Handle, *Insico Mirror Finish Blade Per dozen	39.60
No.	Y6721	Ice Cream Forks Per dozen	43.90
No.	Y6722	Iced Tea Spoons Per dozen	49.60
No.	Y6724	Orange or Grape Fruit Spoons Per dozen	23.10
No.	Y6724	Oyster or Cocktail Forks Per dozen	46.20
No	Y6725	Salad Forks individual Per dozen	

Fancy Single Pieces

			$ 1 65
No	Y6726	Baby Fork, Straight Handle Each	3.65
No	Y6727	Baby Knife, Hollow Handle *Insico Mirror Finish Blade Each	3.80
No	Y6728	Baby Spoon, Bent Handle Each	1.65
No	Y6729	Baby Spoon, Straight Handle Each	10.60
No	Y6730	Berry Spoon, large Each	9.25
No	Y6731	Berry Spoon, small Each	5.30
No	Y6732	Butter Knife Each	5.95
No	Y6733	Cake Server, Hollow Handles *Insico Mirror Finish Blade Each	4.60
No	Y6734	Cheese Server, Hollow Handles, *Insico Mirror Finish Blade Each	4.60
No	Y6735	Child's Fork Each	4.30
No	Y6736	Child's Knife Hollow Handle, *Insico Mirror Finish Blade Each	6.50
No	Y6737	Cold Meat Fork, large Each	5.95
No	Y6738	Cold Meat Fork, medium Each	4.65
No.	Y6739	Cream Ladle Each	5.65
No	Y6740	Egg Server, Hollow Handle, *Insico Mirror Finish Blade Each	7.30
No.	Y6741	Gravy Ladle Each	3.85
No	Y6742	Jelly Server Each	3.30
No	Y6743	Mayonnaise Ladle, Each	3.30
No	Y6744	Olive Fork, short Each	3.30
No	Y6745	Olive Spoon, short Each	7.30
No	Y6746	Pie Server Hollow Handle *Insico Mirror Finish Blade Each	19 80
No.	Y6747	Pastry Shovel Hollow Handle Each	9.90
No	Y6748	Salad Serving Fork, Each	9.25
No	Y6749	Salad Serving Spoon, Each	3.30
No	Y6750	Sugar Spoon Each	3.30
No.	Y6751	Sugar Tongs Each	9.90
No	Y6752	Tomato Server Each	

Carving Sets†

			$37.00
No	Y6753	Meat Set, 3 pieces, with guards Per set	11 80
No	Y6754	Game Set, 2 pieces, with guards Per set	11 90
No.	Y6755	Steak Set, 2 pieces, with guards Per set	11 90

†(Price of Knife, Fork or Steel the same. Knives, with guards, have *Insico Mirror Finish Blades. Forks, Tine

*Insico Mirror Finish Tines to match.)

Chests to hold Silverware are illustrated and quoted on following pages

ALVIN SILVER

Long-Life Plate

GEORGE WASHINGTON

BRIGHT FINISH

LUXOR

GRAY FINISH

THE following illustrations show our "Long Life" Quality Plate which will satisfy the most particular customer. It is produced with the same care, skill and attention to details as Sterling silver. Each piece is heavily plated with a uniform weight and thickness of pure silver to resist the hardest wear and insure the longest life.

SPOONS		List	Retail
Baby, Nursery Rhyme	each	$1 23	$1 00
Baby, Short Handle	each	1 23	1 00
Baby, Curved Handle	each	1 23	1.00
Berry	each	3 99	3 25
Berry, Small (*Louisiana only*)	each	3.38	2 75
Bouillon	set of six	8.87	7 25
Coffee	set of six	4 50	3.75
Dessert	per dozen	18 36	15.00
Ice Cream (*Louisiana Classic only*)	per doz.	13 52	11 00
Iced Tea	set of six	7 36	6.00
Olive	each	2 15	1 75
Orange or Grapefruit	set of six	6.45	5 2 5
Salad Serving (*Louis, Classic, Dawn*)	each	3.99	3 2 5
Soup	per dozen	18.36	15.00
Sugar	each	1 83	1 25
Table	per dozen	18.36	15.00
*Tea, 5 o'Clock	per dozen	9 80	8.00
Tea, Regular	per dozen	9 18	7 50

FORKS			
Baby, Nursery Rhyme	each	$1 23	$1 00
Baby, Short Handle	each	1 23	1.00
Cheese	each	1 23	1 00
Cold Meat, large	each	2 46	2.00
Cold Meat, med (*Geo Wash, Luxor only*)	each	2 15	1 75
Dessert	per dozen	18.36	15 00
Dinner	per dozen	18.36	15.00
Ice Cream (*Classic, Louis, Dawn*)	each	1 72	12.00
Individual Salad or Pastry	set of six	9 18	7.50
Oyster	set of six	5.82	4.75
Pickle or Olive	each	1 84	1 50
Salad Serving (*Louis, Classic, Dawn only*)	each	4 91	4.00

KNIVES			
Butter Knife	each	$1 53	$1.25
Butter Spreaders	set of six	7 65	6.25
Jelly Knife	each	2 15	1 75
Pastry Server, F H. (*Classic, Louis, only*)	each	5 22	4 25
Sugar Tongs	each	2 46	2 00
Cucumber or Tomato Server F H.	each	3 99	3.25

LADLES			
Cream, large	each	$2 46	$2 00
Gravy	each	3.07	2 50
Soup, Hollow Handle	each	6 20	5.00
Punch, Hollow Handle	each	7 81	6.25

HOLLOW HANDLE CUTLERY			
Baby Knife, S.S., Nursery Rhyme	each	$2 15	$1 75
Bread Knife, Hollow Handle	each	5 22	4 25
Cheese Cutter, Hollow Handle S.S.	each	3 38	2.75
Child's Knives, S.S. Blades	each	2 15	1 75
Carving Set, 2 pcs S.S. Knife and Fork with Guards	per set	22 94	18 50
Dessert Knives, H H., S S F B	per dozen	31.36	24 00
Dinner Knives, H H., S S F B	per dozen	41.00	21 00
Fruit Knives, H H., S S	set of six	11 46	11 00
Game Set, 4 pcs S.S. Knife and Fork with Guards	per set	16 68	13 50
Game Shears	each	14.01	10 50
Pie Server, Hollow Handle S.S.	each	5.52	4 50
Steak Set, 2 pcs. S.S. Knife and Fork with Guards	per set	10.74	8 50
Tomato Server or Egg Server, S.S. Blades	each	6.67	5.50

SETS			
Baby, 3 pcs Nursery Rhyme	per set	$4.00	$3 75
Baby Spoon and Fork, Short Handle	per set	2.46	2 00
Butter Knife and Sugar Spoon	per set	3.06	2 50
Child's, 2 pcs H H. Knife S.S. Blades	per set	4.29	3 50
Three Set, 3 pcs	per set	4.29	3.25
Salad Olive Wood Spoon and Fork H H	per set	9 20	7 50
Salad F H (*Classic, Louis, Dawn*)	per set	8 90	7 25
6 Dinner Forks, F H., 6 Knives, H H, S S F Blades	per set	25 44	19 80
6 Dessert Forks, F H., 6 Knives, H H S S F Blades	per set	25.44	19 80
26-Piece Dinner Size, Knives with S S F Blades	per set	41 70	33 25
26-Piece Dessert Size, Knives with S.S.F. Blades	per set	41.70	33.25

*Not made in the Dawn

GEORGE WASHINGTON

LUXOR

ALVIN

ALVIN SILVER

Long-Life Plate

THE CLASSIC

GRAY FINISH

THE following illustrations show our "Long Life" Quality Plate which will satisfy the most particular customer. It is produced with the same care, skill and attention to details as Sterling silver. Each piece is heavily plated with a uniform weight and thickness of pure silver to resist the hardest wear and insure the longest life

SPOONS		List	Retail
Baby, Nursery Rhyme	each	$1.23	$1.00
Baby, Short Handle	each	1.23	1.00
Baby, Curved Handle	each	1.23	1.00
Berry	each	3.99	3.25
Berry, Small (*Louisiana only*)	each	3.38	2.75
Bouillon	set of six	8.87	7.25
Coffee	set of six	4.79	3.75
Dessert	per dozen	18.36	15.00
Ice Cream (*Louisiana and Classic only*)	per dozen	13.82	11.00
Iced Tea	set of six	7.36	6.00
Olive	each	2.15	1.75
Orange or Grapefruit	set of six	6.45	5.25
Salad Serving (*Louisiana, Classic and Dawn*)	each	3.99	3.25
Soup	per dozen	18.36	15.00
Sugar	each	1.54	1.25
Tube	per dozen	18.39	15.00
*Tea, 5 o'Clock	per dozen	9.80	8.00
Tea, Regular	per dozen	9.18	7.50

FORKS		List	Retail
Baby, Nursery Rhyme	each	$1.23	$1.00
Baby, Short Handle	each	1.23	1.00
Child's	each	1.23	1.00
Cold Meat, large	each	2.46	2.00
Cold Meat, medium (*George Washington and Louisiana only*)	each	2.15	1.75
Dessert	per dozen	18.36	15.00
Dinner	per dozen	18.36	15.00
Ice Cream (*Classic, Louisiana and Dawn only*)	per dozen	14.72	12.00
Ind. Salad or Pastry	set of six	9.18	7.50
Oyster	set of six	5.82	4.75
Pickle or Olive	each	1.84	1.50
Salad Serving (*Louisiana, Classic and Dawn only*)	each	4.91	4.00

KNIVES		List	Retail
Butter Knife	each	$1.53	$1.25
Butter Spreaders	set of six	7.68	6.25
Jelly Knife	each	2.15	1.75
Pastry Server, F. H. (*Classic and Louisiana only*)	each	5.22	4.25
Sugar Tongs	each	2.46	2.00
Cucumber or Tomato Server F. H.	each	3.99	3.25

LADLES		List	Retail
Cream, large	each	$2.46	$2.00
Gravy	each	3.07	2.50
Soup, Hollow Handle	each	6.26	5.00
Punch, Hollow Handle	each	7.84	6.25

HOLLOW HANDLE CUTLERY		List	Retail
Baby Knife, S. S., Nursery Rhyme	each	$2.15	$1.75
Bread Knife, Hollow Handle	each	5.22	4.25
Cheese Cutter, Hollow Handle S. S.	each	3.38	2.75
Child's Knives, S. S. Blades	each	2.15	1.75
Carving Set, 3 pcs. S. S. Knife and Fork, with Guards	per set	22.94	18.50
Dessert Knives, H. H., S.S.F.B.	per dozen	31.30	24.00
Dinner Knives, H. H., S.S.F. B.	per dozen	31.30	24.00
Fruit Knives, H. H., S.S.	set of six	14.35	11.00
Game Set, 2 pcs. S.S. Knife and Fork, with Guards	per set	16.68	13.50
Game Sheath	each	13.04	10.00
Pie Server, Hollow Handle S.S.	each	5.52	4.50
Steak Set, 2 pcs. S.S. Knife and Fork, no Guards	per set	10.74	8.50
Tomato Server or Egg Server, S.S. Blades	each	6.67	5.50

SETS		List	Retail
Baby, 3 pcs. Nursery Rhyme	per set	$4.60	$3.75
Baby Spoon and Fork, Short Handle	per set	2.46	2.00
Butter Knife and Sugar Spoon	per set	3.06	2.50
Child's, 3 pcs. H. H. Knife S.S. Blades	per set	4.20	3.50
Olive Set, 2 pcs.	per set	4.00	3.25
Salad, Olive Wood Fork and Spoon, H. H.	per set	9.20	7.50
Salad, F. H. (*Classic, Louisiana and Dawn*)	per set	8.90	7.25
6 Dinner Forks, F. H., 6 Knives, H. H. S.S.F. Blades	per set	25.44	19.80
6 Dessert Forks, F. H., 6 Knives, H. H. S.S.F. Blades	per set	25.44	19.80
20-Piece Dinner Size, Knives with S.S.F. Blades		41.70	33.25
20-Piece Dessert Size, Knives with S.S.F. Blades		41.70	33.25

* Not made in the Dawn.

ALVIN

Meet SALLY—youngest of the moderns—tall, clean limbed, trim as a sapling—Miss America herself. Saucy, jaunty, appealing—tugs at the heart strings of little children.

TODDLE-TOT

THE MODERN PETITE BABY

Youth must be served...TODDLE TOT is an exciting adventure for the modern miss—a doll that's something MORE—a playmate that toddles on its own feet, tilts its head in the quaintest baby way—cries and sleeps . . . . .

Has a soft, cuddly body that little mothers love to hug.

REAL? . . . . well! Just look at it yourself

During the June 9th Toy Week, our executives and sales staff will be in our showrooms to serve you.

AMERICAN CHARACTER DOLL CO., Inc.

20 EAST 17th STREET NEW YORK

American Toy & Novelty Corp.

New Powder Puff Toys

AND

Dressed Soft Dolls

Bigger and Better Than Ever Before

ALL INDIVIDUALLY
WRAPPED IN
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New York Showroom—Fifth Avenue Building
Room 461

American Toy & Novelty Corp.

21st and Hunting Park Ave. Philadelphia, Pa.

G

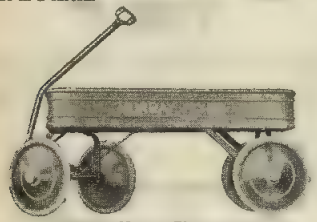
JUVENILE VEHICLES

American Chief

Heavy sheet steel body, reinforced with beads and roll on top and bottom; heavy one piece bottom seamed into sides; steel roller brake, heavy duty ballon disc wheels, self-retained roller bearings, nickel-plated hub caps, steel gear, Body and wheels finished in Paradise green, gear and handle black baked enamel.

NO.	Body In.	Wheels In.	lb Each	EACH
6620	15½x33½	10x1	38	$9.00

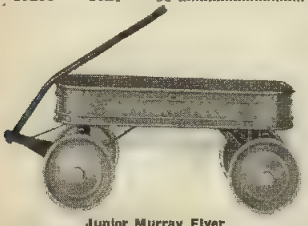
One in a carton.



Murray Flyer

Heavy steel box beaded and reinforced. Undergear is heavy channel steel with large axles, double disc wheels with roller bearings. Wagon box and wheels in red enamel, undergear and tongue in black enamel.

NO.	Size In.	Wheels In.	lb Ea.	EACH
81	15x33	10x2½	36	$7.25



Junior Murray Flyer

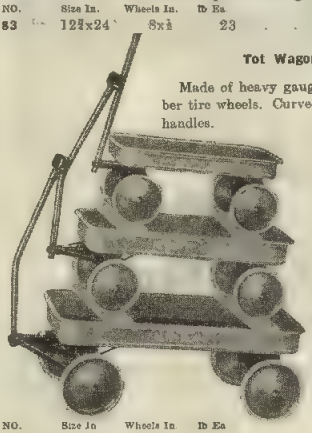
Same design and construction as the 81 wagon only slightly smaller in size. Box in green enamel, wheel in orange enamel, undergear and tongue in black enamel, double disc wheels, plain bearings, rubber tires.

NO.	Size In.	Wheels	lb Ea.	EACH
82	12¾x28½	8¼x2	25	$6.10

Steelcraft Wagon

Heavy steel body, beaded and reinforced top edge has a large roll, bottom seamed in. Undergear is heavy channel steel with heavy axles. Body and wheels in red enamel, undergear and tongue in black enamel. Double disc wheels with plain bearings, rubber tires.

NO.	Size In.	Wheels In.	lb Ea.	
83	12¾x24	8x1¾	23	$5.40



Tot Wagon

Made of heavy gauge steel. Rubber tire wheels. Curved steel tubing handles.

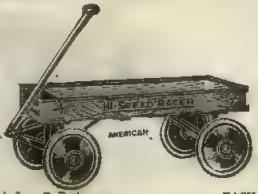
NO.	Size In	Wheels In	lb Ea	EACH
84	11x24x2½	6½x1¾	13	$3.75
85	9x20x2½	5½x1¾	9	3.10
86	7½x16½x2	5	7	1.75

No. 84 has orange body with green wheels.
No. 85 has blue body with red wheels.
No. 86 has green body with orange wheels.

No. 84 packed 4 to a carton.
No. 85 packed 6 to a carton.
No. 86 packed 6 to a carton.

Hi-Speed Racer

Body is made of seasoned hardwood. Lower front gear, tongue and gear braces channeled steel. Double disc roller bearing wheels. Natural finish, lettered in blue with red ornaments.



NO.	Body In.	Wheels In.	lb Each	EACH
143	16x36	9¾x2	35	$7.50

One in a carton.

G

OUTDOOR TOYS

TICO SPEED BOAT

Heavy tin plate finished in blue and red. Operated by canned heat or small candle. Will run in the water making a noise like a small motor boat.

NO.	Lgth In.	Wd. In.	Ht In.	lb Doz.	DOZEN
1	9½	2¾	2¾	5	$6.00

One in a carton.

Tug Boat

The same construction and finish as speed boat, but shaped like a tug boat.

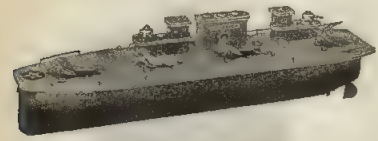
NO.	Lgth In.	Wd. In.	Ht.In.	lb Doz.	DOZEN
2	9½	2¾	2¾	4½	$6.00

Liner

The same construction and finish as speed boat, but built along the lines of a large liner.

NO.	Lgth In.	Wd. In.	Ht.In.	lb Doz.	DOZEN
3	14	2¾	2¾	18	$36.00

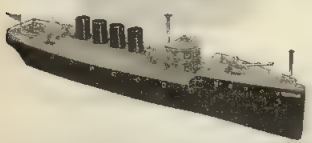
LIBERTY AIRPLANE CARRIER



Accurately reproduces the Navy Airplane carriers. Four vari-colored planes mounted on deck. Cabins and gun turrets set to one side to allow take-off space. Twin motors, rudders and propellers.

NO.	Length In	lb Doz.	EACH
6	27	72	$10.00

LIBERTY DESTROYER



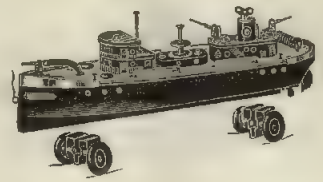
A perfect replica of Uncle Sam's Destroyers. Has long, low rakish lines, revolving gun turrets. Four funnels indicating great speed.

NO.	Length In	lb Doz.	EACH
8	25	52	$8.50

LIBERTY BOATS

Every Liberty Boat has solid wood hull, uncrushable, unsinkable. Finished in assorted colors.

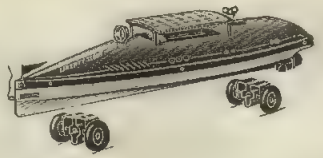
LIBERTY FIRE BOAT



Closely follows the design of the powerful fire-boats. Durable pumping mechanism throws stream of water 25 feet through nozzle on bow.

NO.	Length In.	lb Doz.	EACH
7	22	44	$7.50

LIBERTY SCOUT



A snappy stream line pleasure cruiser. Equipped with a powerful steel and brass motor that drives it swiftly through the water. Wood hull. Detachable undercarriage and wheels make is a fascinating pull toy. Finished in assorted colors.

NO.	Length In.	lb Doz.	EACH
3	25	64	$3.50

Liberty Sportster

Built and powered for speed. Substantial steel and brass motor. Solid wood hull, non-crushable and unsinkable. Finished in assorted colors.

NO.	Length In.	lb Doz.	EACH
1	16	32	$2.00

MINIATURE MOTOR DRIVEN VACUUM CLEANER

Eskimo

Durably made; equipped with a high class Eskimo motor, 10 ft. lamp cord, and operates on 110 volts A. C. or D. C. The motor creates a vacuum that really picks up dust and fills out the bag. Runs easily over carpet or rug; 6 in. wide, 28 in. long.

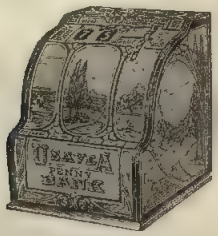
NO.	EACH
1	$8.50

BANKS

American Banks work like cash registers. They add the value of each coin as it is deposited and register the total upon a dial on front of bank. They are constructed of strong steel parts, enclosed in substantial cases that are finished in a very beautiful and artistic manner.

The door on each bank opens automatically when total amount Bank is intended to register has been deposited. After money has been taken out the door of bank can be closed and more money saved.

U-SAVE-A PENNY

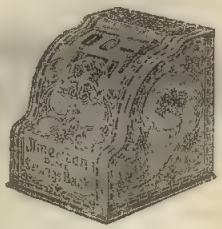


Case is decorated with beautiful Normandy landscape design in colors. Registers and adds pennies only. Opens automatically when one dollar has been registered.

NO.	Size In.	lb Each	EACH
Penny	3¾x3⅝x3¼	1	$1.25

BANKS

DIME



One-Coin Bank

Opens automatically when $10.00 have been registered. Ech-Kraft finish case showing beautiful colored design combined with an etched brass effect.

NO.	Size In.	lb Each	EACH
Dime	3¾x3⅞x3¼	1	$1 25

LUCKY SAVINGS BANKS

Three-Coin

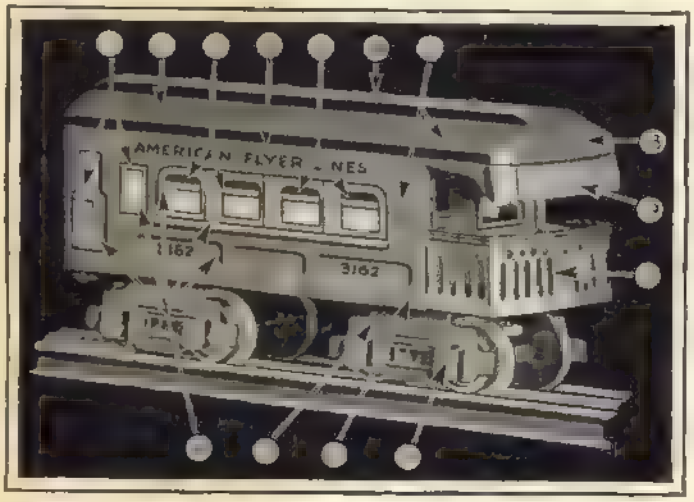
Bell rings once for a nickel, twice for a dime, five times for a quarter. Bank opens automatically when $10.00 have been registered. Beautifully decorated Ech-Kraft design showing various emblems of good luck.

NO.	Size In.	lb Each	EACH
Lucky	5¼x5x4	2¾	$2 75

"American Flyer"
Transformers Electric Trains Mechanical Trains

THE *PREMIERE* TRAIN LINE OF AMERICA

Construction of this car same as on our $7.00 train, with single trucks.



Comparison is invited. Send for samples and illustrated price list

The superiority of American Flyer trains is *inbuilt.* Long life and performance are obtained by building strength, efficiency, and dependability into individual units. For example, the illustration above is typical of the cars on the Narrow Gauge trains. The features incorporated in these cars have heretofore been confined only to much higher priced trains. There are no finer nor more durable cars made anywhere.

DYALTYPE TRANSFORMERS

American Flyer DYALTYPES are strongly and carefully constructed and with ordinary use will last indefinitely. They are fully guaranteed to be mechanically and electrically perfect when they leave our factory. Complete operating instructions are packed with each transformer. The pointer on the knob indicates on the direct reading chart the voltage being used. Nothing like it on the market. Distinctly an American Flyer product. Write for further information

PATENTS PENDING. May be had in the following sizes:

Model No.	*Watts*	*Volts*	*Cycles*	*Consumer Each*
1289	50	110	60	$3 50
1257	50	110	25-40	4 25
1290	75	110	60	4 25
1252	75	110	25 40	5 50
1295	100	110	60	6 25
1262	100	110	25 40	8 50
1296	150	110	60	8.00

14 POINTS OF SUPERIORITY

1. BRASS DOOR AND WINDOW. These are fine reproductions in solid brass.
2. SIZE. Note the impressive width.
3. WINDOW FRAME. This feature is a brass detail beautifully embossed.
4. LETTERING. High quality "leaf" lettering is *pressed* into the enamel to stay. This is done by an electric process and not merely stamped on. This adds to the attractiveness of the cars.
5. WINDOW SASH. This is hand decorated in color.
6. STREAMLINE ROOF. The upper part of the roof runs the *entire* length of car and has imitation ventilators just like on the *real* Pullmans. This one piece roof has no exposed screws to mar its beauty.
7. ENAMELED FINISH. The side is finished in a lighter tone enamel and the roof in a darker shade. The enamel is baked on at a high temperature, which is proof against the effects of weathering and will preserve its luster indefinitely.
8. ROUND ROOF END AND SIDE. No sharp corners to mar the beauty of this car.
9. CANOPY. This is a *separate* piece of brass highly polished.
10. OBSERVATION RAIL. This realistic detail is also of polished brass.
11. JOURNAL BOX. This separate brass detail is standard equipment on all cars.
12. ASSEMBLY. Sides and bottom permanently secured by eyelets, not nibs turned over. Exclusively American Flyer.
13. DOUBLE TRUCK. Two swivel trucks with eight wheels are equipped on all but two trains. The trucks are finished with french gray enamel.
14. EMBOSSING. As indicated, it adds strength and detail.

Meet us at our permanent exhibit, Room 452-454—200 Fifth Avenue, New York City
MIDSUMMER TOY FAIR—JUNE 9th—14th.

AMERICAN FLYER MFG. CO.

Factory Office:
2219-39 South Halsted St.
Chicago, Illinois

"American Flyer"
Transformers Electric Trains Mechanical Trains

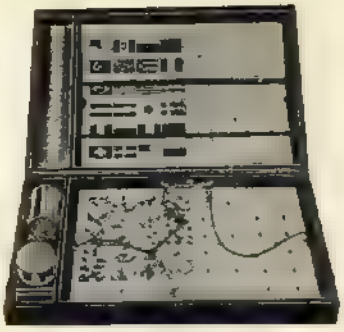
Sales Offices:
200 Fifth Avenue
New York City
718 Mission Street
San Francisco, California

Manufacturers of Miniature Railway Trains, Airplanes and General Distributors of Structo Toys

No. 1, $1.00 Denver and West, $1.15
No. 2 $3.50 Denver and West, $3.75
No. 3, $5 00. Denver and West, $5.50

KNAPP MASTER MAGIC

They must be good! Only a year on the market, Knapp Master Magic sets have outsold all others wherever shown. That speaks volumes! Selling all year 'round and selling big. Most complete line of magic ever offered. Mystifying illusions of foremost magicians. Three sets, each entirely different. And priced *"right"*.



No. 325, list price, $3 50; without battery $3 40
Denver and West, $5.75, without battery, $3.65

KNAPP ELECTRIC QUESTIONER

YEAR IN, year out, *for 39 years* the Knapp Electric Questioner has held sway as one of the most popular and profitable of educational toys. This year selling better than ever. Education with unusual entertainment is its big feature, plus—*for you*—the demonstrative value of the electrical device.

No. 399. List price, $3.50
Denver and West, $3.75

KNAPP TELL-BELL

COMPANION to the Knapp Electric Questioner and already rivalling it in sales, though only introduced last year. Improved with new colorful box, new cards and a new low price. An all year seller to all ages. Mystifies and amuses as it instructs.

List price 50¢. Denver and West 55¢

KNAPP PYRAMIDS

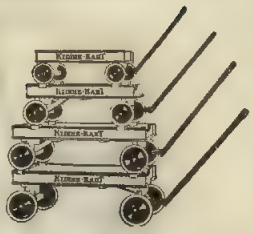
YOU KNOW what happens when a popular game becomes a craze! Biggest profits are made then. Pyramids is a craze and it's sweeping the country. A modern version of a puzzle that baffled ancient Egypt. A brain teaser for young and old. Cash in!

NATIONALLY ADVERTISED KNAPP TOYS

KNAPP

JUVENILE VEHICLES

KIDDIE-KARTS



Double disc steel wheels with oversized rubber tires. Roller bearings and new patented stud axle. Selected kiln dried hardwood finished in baked spar varnish. Trimmed in red. Black enamel on metal gears.

NO.	Size In.	Whls & Tires	lb Each	EACH
202	24x10½	5½x⅞	4½	$4.00
203	30x12	6 x⅞	5½	5.00
204	30x12	7 x⅞	7	6.00

SCOOTERS

Fork and frame made from heavy steel. Wood cross handle. Non-skid rubber mat on foot board. Parking stand. Improved brake. Bicycle bell. Heavy balloon disc wheels. Frame is finished in tangerine; wheels are Yale blue.

NO.	Lgth. In.	Ht. In.	Wheels In.	Lbs. Ea.	EACH
195	39	35	10x1	18	$6.75

Packed two in a carton.

Fork and frame made from heavy steel. Wood cross handle. Non-skid rubber mat on footboard. Parking stand. Improved brake. Roller bearing disc wheels with latest designed auto tread tires. Frame and wheels finished in red enamel.

NO.	Lgth. In.	Ht. In.	Wheels In.	Lbs. Ea.	EACH
192	39	34	10x1	18	$5.75

Packed two in a carton.

HAND CARS

Scout

Seat 8x20 in.; finish yellow with red stripes; frame 36 in. long; wheels 10 and 14 in., roller bearing, yellow enameled, ⅝ in. rubber tires.

NO.	In Crate	Wt. Crated	EACH
478	1-6 dos.	55 lb.	$12 00

AMERICAN FLYER HAND CAR

Frame—Steel, length 33 inches overall. Finished in rich Sea green enamel striped in red. Rubber grips on cross handle.

Seatboard—7¾x16 inches, finished in Sea Green with red trimming and Yellow striping.

Wheels—8-inch front, 12-inch rear. Tangent nickel spokes with red rims striped in Yellow. Nickel plated ball bearing hubs. **One-inch** rubber tires.

NO.	lb Each	EACH
479	42	$15 75

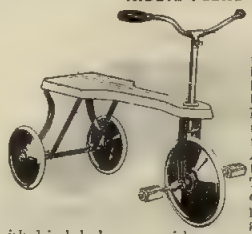
One in crate.

Junior

Seat 14x7 in.; finish, red, gold bronze decorations; frame 27 inches long; wheels 6 and 10 inches, red enameled, ⅜ inch tires.

NO.	In Crate	Wt. Crated	EACH
472	1-6 doz.	45 lb.	$6.50

KIDDIE PEDAL KARS



Double disc steel wheels iwth ¾ inch rubber tires. Bronze bushed bearings in front, roller bearings in the rear. Front fork embossed and reinforced. Post electrically rivited to fork. Adjustment is provided to take up possible wear. The steering post, handle and cranks highly polished nickel. Black gloss gear. Body finished in baked spar varnish.

NO.	Size	Wheel Inch.	Wt. Each	EACH
125	12⅝x22	9 and 7	10	$5.50
124	10½x20	8 and 6½	8	4.50

G

JUVENILE VEHICLES

KIDDIE-KAR SPECIAL

Double disc steel wheels electrically welded. Genuine roller bearings. Oversized rubber tires. Body made of selected dried lumber throughout. Finished in baked enamel and spar varnish. Colors—red and old ivory. Extreme accuracy insures easy running and longest wear

NO.	Size	Whl. Base In.	lb Ea.	EACH
101	1 to 2 yrs.	12	3¾	$2.50
102	2 to 3 yrs.	13	4½	3.00
103	4 yrs.	14½	5¾	3.50
104	5 yrs.	16	7¾	4.80
105	5 yrs. and over	18	9¾	5.40

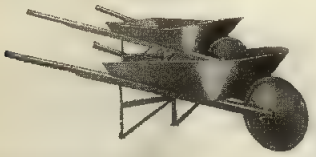
KIDDIE-KARS

Regular

Wheels made from Rock Maple, kiln dried. The bearings of Rock Maple on steel are self-lubricating. Selected hardwood kiln dried and finished in baked spar varnish. All parts held together with screws. A stable, sturdy car hard to tip over, because it is correctly designed and proportioned.

NO.	Size	Wheel Base	Wt. Ea.	EACH
2	2 to 3 year	13 in.	4 lb.	$2.90
3	4 year	14½ in.	5 lb.	3.60
4	5 year	16 in	6½ lb.	4.00
5	5 yrs. and over	18 in.	7½ lbs.	4.40

WHEELBARROW



Body is one piece stamped steel. Steel tubing handles. Body and wheels, red; handle and undergear, black baked enamel.

NO.	Lgth. In.	Wd. In.	Dp. In.	Lbs. Ea.	EACH
96	19½	14½	5½	8¾	$2.10
97	14½	10½	4½	5	1.50

Packed six to a carton.

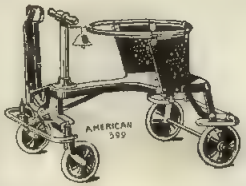
WALKABOUT BABY BIKE

Wood seat board, wood cross handle with steel stem, detachable steel perforated back; rubber covered hand rail, all steel gear, rubber covered front, and rear bumpers; removable steel foot rest. Steel handle with enamel wood cross handle.

NO.	Size In. Seat	Wheels In. Rear	lb Ea.	EACH
410	18x8½	4½x¾	20	$9.00

One in a carton.

BABY BIKES



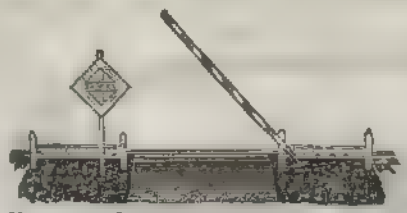
Wood seat board, cross handle and stem. Steel back. Improved continuous rubber covered handle rail. Jingle bell. All steel gear. Rubber covered front and rear bumpers. Detachable folding, steel handle. Seat back, cross handle stem and wheels, ivory. Seat board and gear body, blue. Rubber tired, steel disc wheels, swivel type.

NO.	Seat Board In.	Ht. to Seat Board In.	Wheels In. Rear	Wheels In. Front	lb Each	EACH
397	18x8½	8½	4½x¾	3x¾	14	$6.00

One in a carton.

ELECTRICAL TOY TRAINS

IVES—GATE CROSSINGS



Sheet steel construction black and white enameled finish. Consists of signal and crossing gate that can be raised and lowered. Bits of turf and fence on either side.

Each

No. 216—For 2¼ gauge electric track. Length 9 ins. .. **$4 05**

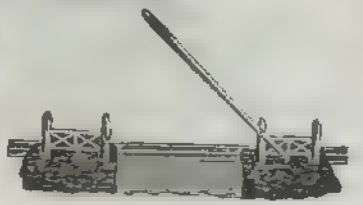
One in cardboard box; wt each 5½ lb

IVES, GATE CROSSINGS

Each

No. 215—For "O" gauge mechanical and electrical track; length 9 ins..... **$1 35**

One in cardboard box; wt each 8 ozs.



IVES—TRACKS

"O" gauge track, 1⅝ inches wide. For use with all "O" gauge train outfits.

Per Section

No. 0D3—Straight track; 10 ins long..... **$0 42**

No. 0A3—Curved track; 10 ins long..... **42**

Six sections in cardboard box; wt per doz about 8 lbs.

"2¼" gauge track, 2¼ inches wide. For use with all "2¼" gauge train outfits.

Per Section

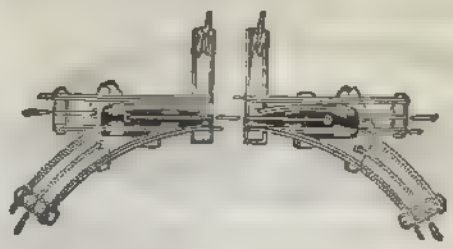
No. 2D3—Straight track; 14 ins long..... **$0 66**

No. 2A3—Curved track; 14 ins long..... **66**

Six sections in cardboard box; wt per doz about 8 lbs.

ELECTRICAL TOY TRAINS

IVES—SWITCHES

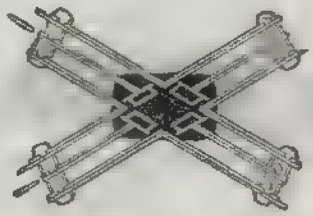


Per Pair

No. 0W3—For "O" gauge track; right and left hand; length 11 ins..... **$7 80**

No. 2W3—For "2¼" gauge track 2¼ ins wide; right and left hand; length 15¾ ins **11 26**

One pair in cardboard box; wt per pair about 3 lbs.



IVES—CROSSINGS

Each

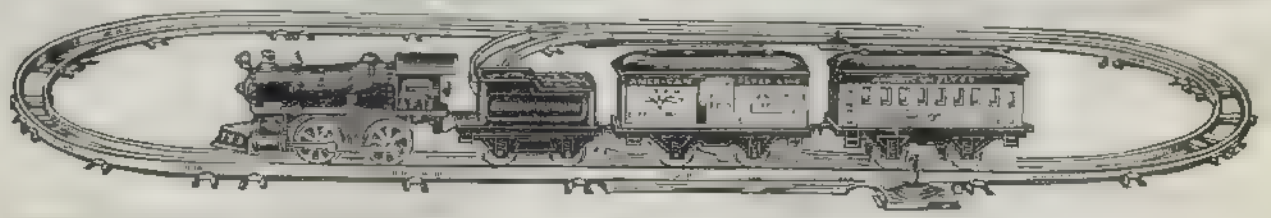
No. 0K3—For "O" gauge track; 45° crossing; 11 ins long..... **$3 30**

No. 2K3—For "2¼" gauge track 2¼ ins wide; 45° crossing; 17½ ins long **4 05**

One in cardboard box; wt each about 2 lbs.

MECHANICAL TOY TRAINS

"THE HUMMER"



Consists of cast iron speed governed locomotive equipped with piston rod and brake, tender, baggage car with sliding door passenger car, ten pieces curved track and two switches to form oval and circle. Length of train 25 inches, length of track 160 inches.

Per Doz

No. 13—Wt each 4½ lbs..... **$108 00**

One in cardboard box.

AMERICAN FLYER

Consists of cast iron locomotive, tender, five inch passenger car, and four sections of curved track. Locomotive equipped with powerful spring governed wind up motor.

Per Doz

No. 700—Length over all 14 ins. Circumference of track 30 ins..... **$28 50**

One set in cardboard box; wt per doz 26 lbs.

AMERICAN FLYER

Consists of locomotive, two passenger cars, four curved and two straight sections of track. Locomotive equipped with powerful spring governed wind up motor.

Per Doz

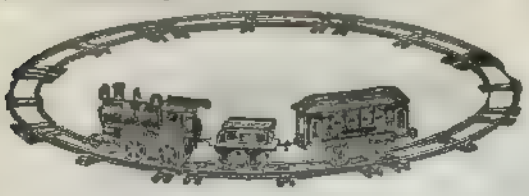
No. 723—Length over all 19½ ins; circumference of track 80 ins..... **$31 50**

One doz in cardboard box; wt per doz 18 lbs.

MECHANICAL TOY TRAINS

THE AMERICAN FLYER

Any child can wind them and with reasonable care they will last a long time. The American Flyer Trains are well and substantially made and not like the cheap foreign made trains. Fully guaranteed by the manufacturers.

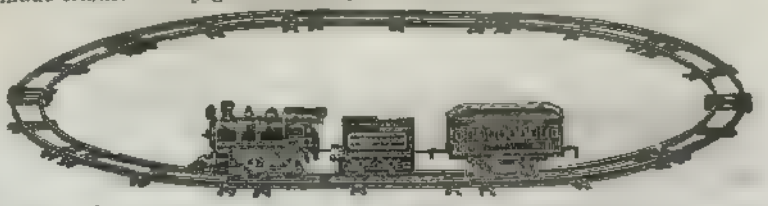


Consists of an iron speed governed locomotive with tender, one passenger car and eight pieces of curved track. Locomotive is enameled in black and thoroughly baked trimmed with silver bands and with green, red and gold decoration. The gear casing of the locomotive is locked in the engine casting by a steel spring. Track, length over all 27 inches; engine and tender, length over all 10½ inches; length of coach 5½ inches, length of each track unit 10½ inches.

Per Doz Sets

No. 0—Wt per doz sets 36 lbs **$39 00**

One-twelfth doz sets in carton



Consists of an iron speed governed locomotive with brakes, coal tender, one passenger car and eight pieces of curved track. Locomotive black baked enamel finish, decorated with silver, green and red. Track length over all 82 inches; engine and tender length over all 11¼ inches; length of coach 5½ inches; length of each track unit 10¼ inches.

Per Doz Sets

No. 1—Wt per doz sets 39 lbs **$52 50**

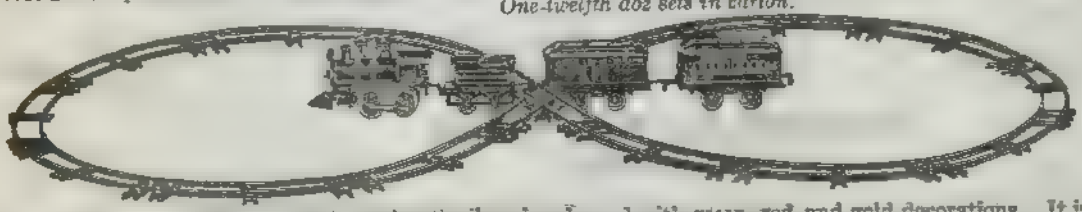
One twelfth doz sets in carton.

Consists of an iron speed governed locomotive with tender, one baggage and one passenger car; eleven pieces of track (three srtaight and eight curved). Locomotive enameled in black and thoroughly baked; trimmed with silver bands and with red, green and gold decorations. It is equipped with piston rods, brake and the gear casing of the locomotive is locked in the engine casting by a steel spring. Track length over all 39 inches, engine and tender, length over all 10½ inches; baggage car and passenger car, length each 5½ inches; length of each track unit 10½ inches.

Per Doz Sets

No. 2—Wt per doz sets 48 lbs **$66 00**

One-twelfth doz sets in carton.



Consists of an iron governed locomotive with tender, one baggage and one passenger car, fourteen pieces of curved track and one cross-over. The locomotive is enameled in black and thoroughly baked; trimmed with silver bands and with green, red and gold decorations. It is equipped with piston rods brakes and the gear casing of the locomotive is locked in the engine casting by a steel spring. Track, length over all 167 inches; length of each track unit 10½ inches.

Per Doz Sets

No. 5—Wt per doz sets 57 lbs **$90 00**

One-twelfth doz sets in carton.

EXTRAS FOR MECHANICAL TOY TRAINS

Straight Track. Per Doz Pieces

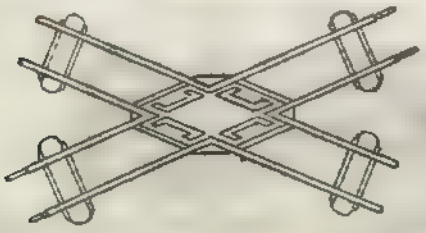
No. S—Length over all 10½ ins; wt per doz pieces ½ lb **$2 55**

Four doz pieces in cardboard box.

Curved Track. Per Doz Pieces

No. C—Length over all 10½ ins; wt per doz pieces 1½ lbs **$2 55**

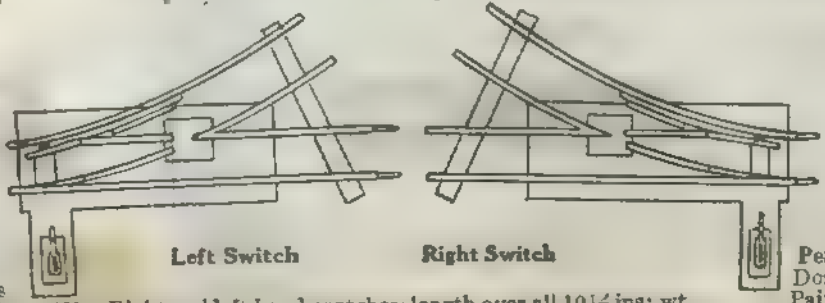
Four doz pieces in cardboard box.



Crossovers "X" Per Doz Pieces

No. MX—Length over all 10½ ins; wt per doz pieces 6 lbs **$15 75**

One-twelfth doz sets in carton.



Left Switch **Right Switch** Per Doz Pair

No. FRL—Right and left hand switches; length over all 10½ ins; wt per doz pair about 12 lbs **$33 00**

One-twelfth doz sets in carton.

"American Flyer"
Transformers Electric Trains Mechanical Trains

DEALER SERVICES FOR 1930

New 48 Page Colored Catalog →

The entire line of American Flyer Trains, Equipment, Airplanes and Structo Toys is illustrated in full color —just like having the merchandise in front of you. Now available.

WRITE FOR YOUR COPY TODAY

AN ever increasing number of jobbers and dealers are finding that they make more money with the American Flyer Line because of American Flyer's sound sales policy, which has resulted in an *unusual degree of consumer price stability.*

There are no other trains comparable to American Flyers in appearance, exactness of detail, color harmony, durability, speed and extreme simplicity of operation.

For 1930 American Flyer's efforts to service the trade are complete in all details, from the proper packing of the merchandise to demonstration equipment and other store aids, not overlooking space in the country's leading publications and newspapers.

DISPLAY EQUIPMENT

Train Display Stands. These stands are proven merchandisers, and are equally adapted to counter or window display. There are five stands in all. Write for full information.

Equipment Panel Boards. They allow your customers to select quickly and intelligently the models that interest them. There are five in all. Write for full information.

9 Additional Services at Your Command

Envelope Enclosures. Illustrates popular Narrow and Wide Gauge Electrical Trains and Equipment. Space is provided for your imprint. Ready September 1st.

Merchandise Catalog. Illustrated in full color and describes practically the entire line. This is a convenient miniature catalog and is a sure sales producer. Ready September 1st.

Magazine and Newspaper Advertising. During November and December, American Flyer will use the leading magazines and newspapers in a National Advertising Campaign reaching thousands of prospects.

Window Display Cards. Attractively designed and will establish your store as headquarters for American Flyer Trains.

Window Streamers. Over 5 feet long. Now available.

Truck Banners. 4 feet by 3½ feet, printed in color on waterproof cloth.

Catalog Layout Service. Our Advertising Department is always ready to assist you in laying out catalog pages.

Electrotypes. Complete Electrotypes for catalog purposes now available on all American Flyer and Structo items.

Illustrated Price Lists. Now available on both American Flyer and Structo.

A Comparison is Invited—Send for Samples and Catalog.

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Factory Office:
2219-39 South Halsted St.
Chicago, Illinois

"American Flyer"
Transformers Electric Trains Mechanical Trains

Sales Offices:
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New York City
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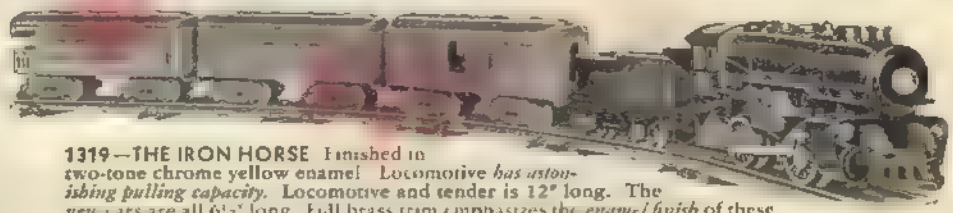
Manufacturers of Miniature Railway Trains, Airplanes and General Distributors of Structo Toys

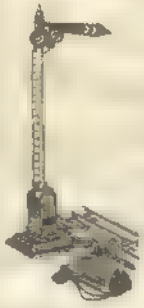
"American Flyer"
Transformers Electric Trains Mechanical Trains

NEW NARROW GAUGE STEAM TYPE TRAINS



1319—THE IRON HORSE Finished in two-tone chrome yellow enamel. Locomotive *has astonishing pulling capacity.* Locomotive and tender is 12" long. The new cars are all 6½" long. Full brass trim emphasizes the *enamel finish* of these *double truck* cars. Eight curved and four straight track. Retail Each....$11.50

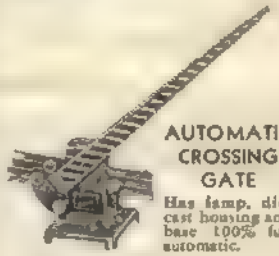
NEW ELECTRICAL EQUIPMENT



TRAIN CONTROLLING SEMAPHORE

Included also is a controlling switch which allows the operator to control the train from a distant position.

No. 1041 for either narrow or wide gauge. *Retail Each* $6.00



AUTOMATIC CROSSING GATE

Has lamp, die-cast housing and base 100% full automatic.

No. 2042 Narrow Gauge. Retail Each.....$4.50

No. 4042 Wide Gauge. Retail Each $4.75

DYALTYPE TRANSFORMERS

Operates similar to the tuning knobs of a radio. Pointer indicates on direct reading chart the voltage being used. Nothing like it on the market distinctly an American Flyer Product. Write for further information.

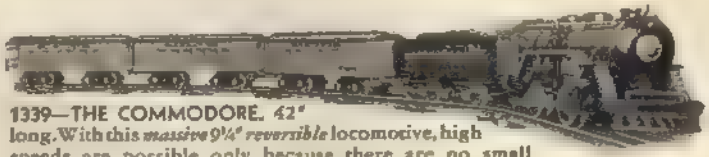
Compare the Pulling Power of These Locomotives

The new massive steam type locomotives made from heavy castings hold the rails and out-pull all locomotives made of lighter material. Locomotives and tenders are very realistic and are in true proportion to the cars.

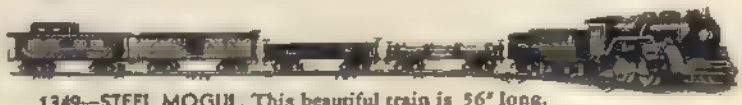
The 1319—IRON HORSE and most of the other narrow gauge trains are equipped with entirely new enameled finished cars with full brass details.

Four of the six steam type narrow gauge trains are illustrated here. They are priced right to attract volume selling.

1321—OLD DOMINION. A sturdy attractive train 44" long. Four *new freight cars* with solid brass journal boxes, hand rails, brake wheels and ladders bring out the details of these 6½" long, *double truck cars.* Eight curved and four straight tracks. Retail Each.....$12.00



1339—THE COMMODORE. 42" long. With this *massive 9¼" reversible* locomotive, high speeds are possible only because there are no small pilot wheels to jump the track. The *eight wheel* tender is very realistic. The new cars are each 8¾" long, *with lights* and *etched nameplates* and are finished in tan *enamel* bodies with green roofs. Eight curved and six straight tracks. Retail Each.....$18.00



1349—STEEL MOGUL. This beautiful train is 56" long. Consists of the well-proportioned 14¾" *reversible* locomotive and *8 wheel tender,* log car, sand car, automobile car and *lighted* caboose. Cars are 9½" long, and are finished in bright enamel and have solid brass details throughout. Eight curved and eight straight tracks. Retail Each.....$20.00

Meet us at the Morrison Hotel, Parlor G, on B floor
Chicago Toy Fair, April 28th—May 10th

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Manufacturers of Miniature Railway Trains, Airplanes and General Distributors of Structo Toys

Something New!

The "Big Shot" in Toys

STARK'S BALL-GUN

See Us at the
CHICAGO SHOW
Room 419 Morrison Hotel
Chicago

The Biggest Selling DOLLAR GUN On The Market

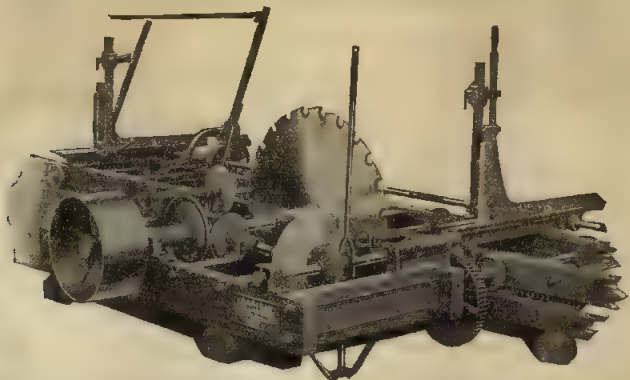
The Stark Ball-Gun has made a big hit everywhere. Every child wants it on sight. It is a big rugged, handsome gun. Finished in bright red and comes complete with a soft red rubber ball that cannot cause any damage. Absolutely safe and harmless—Stark's Ball-Gun sells the year round. It is priced right and a big dollar's worth. Comes packed in an attractive red, white and blue box. There is a big profit in this toy for you. You can't go wrong on this Gun. It's a sure shot for Quick Turnover.

Sells Every Day in the Year!

The Forrest Mfg. Co.

3110 Lake Ave., Cleveland, O.

"American" Improved Variable Friction Feed Saw Mills



These mills are light running, easy to install, and do not easily get out of order. The latest improved features are embodied in their design, which enables them to cut more timber than other mills using same power.

Variable Feed—Bevel frictions are used as drivers, insuring positive motion, reducing end and lateral thrust, and maintaining a wide range of feed variation. The "gig back" is also positive and will start on highest speed without any slipping; it is many times faster than the feed.

Husk Frames are made of selected timber, well bolted together and thoroughly braced. All shafts are turned and ground perfectly true, and run in self-oiling bearings throughout.

Carriages are of sufficient strength to withstand any reasonable load and hard usage to which saw mill carriages are usually subjected.

Trucks—On all carriages trucks are large diameter, fitted with steel axles running in self-oiling babbitted boxes, with ample provision for taking up all lost motion, and accurately turned to perfectly fit guide track.

Track furnished is rolled steel in 12-foot sections and furnished with suitable holding down spikes.

Set Works—We usually furnish patented combination set works and quick receder, which are accurate and possess many advantages. Two or three pulls of lever will recede the blocks as far as is usually required. We can also furnish the larger mills with double acting set works and spring or foot receder as may be ordered.

Carriage Drives All standard mills are furnished with rack and pinion carriage drive, but manila or wire rope drive will be supplied, if preferred, with small additional cost.

Equipped with board roll spreader wheel and saw guide.

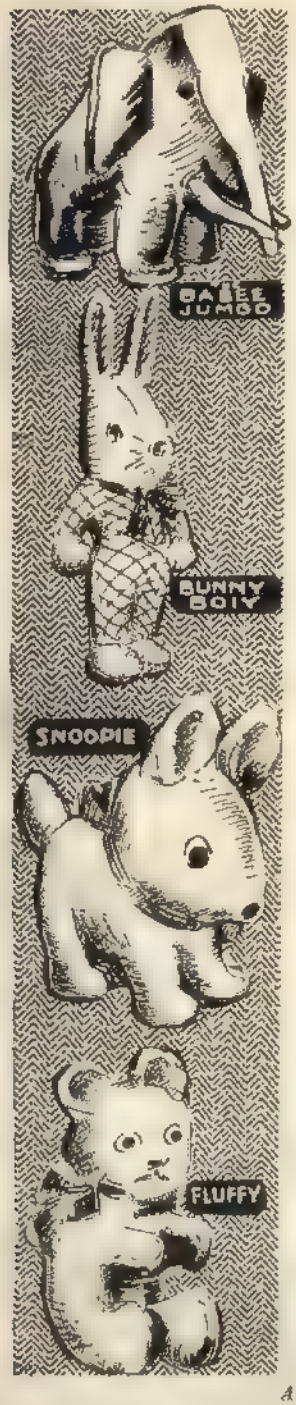
Number of mill	1	2	3
Length of husk, feet	7	7½	8
Width of husk, feet	3	3½	4
Size of husk timbers, inches	3½x7½	3½x9½	4½x11½
Diameter of mandrel, inches	2⅜	2⅜	2⅞
Largest saw can be used, diameter, inches	50	54	60
Diameter of largest log mill will cut, inches	36	40	48
Mandrel pulley, inches	20x18	20x10	20x12
Length of carriage, feet	16	20	20
Width of carriage, inches	26	30	36
Size of carriage timbers	3½x5½	3½x5½	4½x5½
Length of feed rack, feet	22	26	32
Size of truck wheels, inches	6	7	8
Number of trucks	4	6	6
Head of blocks, open, inches	34	38	44
Length of set shaft, feet	14	16	18
Length of steel track, feet	40	56	56
Horse power required	6 to 15	6 to 20	10 to 30
Approximate capacity feet per day	2,000 to 7,000	2,000 to 10,000	5,000 to 15,000
Weight complete, pounds	2550	3550	4530
Price standard mill, complete, except without saw	$676.00	$675.00	$823.50

Larger mills quoted on application. Right hand mills furnished unless otherwise ordered. Mandrel pulleys of any size up to 24 inches in diameter furnished without extra charge if ordered with mill. Mills can all be furnished mounted on trucks. Prices quoted on application.

N. Y. Showroom
45 E. 17th St., Room 309
Fred. W. Voetsch,
Sales Manager

Factory:
61 Pennsylvania Avenue,
Brooklyn, New York
Louis I. Bloom, Factory Manager

AMERICAN MADE TOY COMPANY

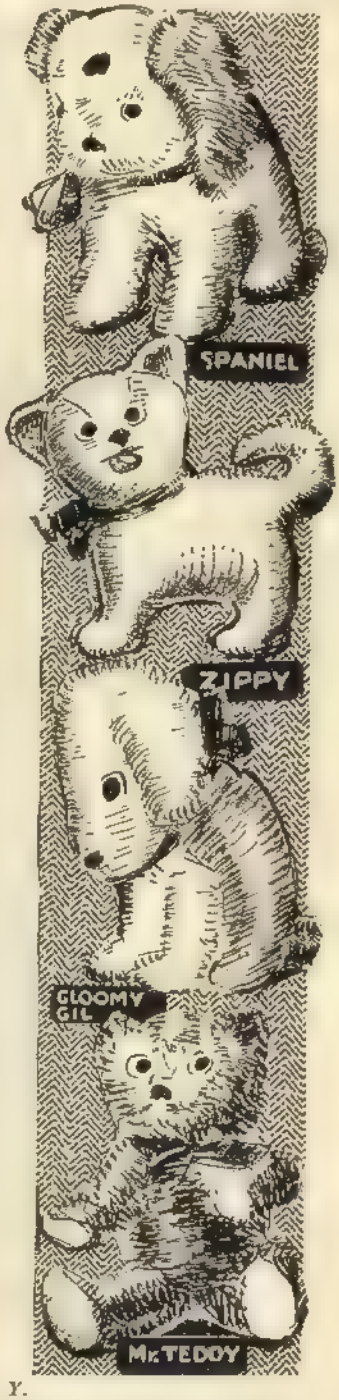


Nature's Only Rival!

With Stuffed Animals, as in a fine painting, it's the artistic touch, followed through by careful workmanship that counts.

See the American Made Line and you see a Line of Animals realistic and lifelike as well as modernistic ideas in a rainbow of eye-catching color schemes. Also—

A BRAND NEW SOFT INFANT'S LINE made for the infant's department exclusively.



Address all Correspondence to 61 Pennsylvania Avenue, Brooklyn, N. Y.

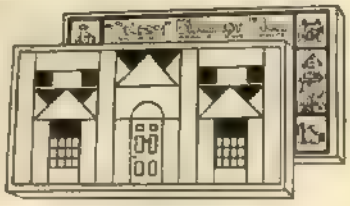
Start your letter right: "I saw your ad in PLAYTHINGS."

Falcon toys that last

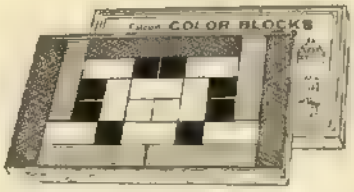
See Our New York Display

or Write for New Catalog—

Here are a few of the 58 items



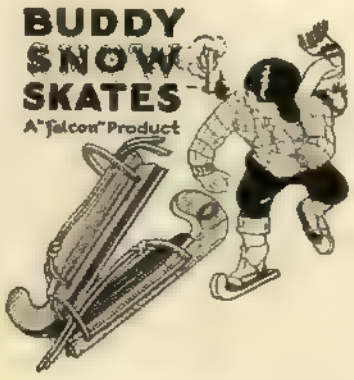
BUILDING BLOCKS
COLOR BLOCKS
BAGS OF BLOCKS



The Most Complete Line of Blocks in America

BLOCKS IN CUPBOARDS
BLOCKS IN TRAYS
TRAINS OF BLOCKS

GIANT PLAY TOYS OF PLAY VALUE FOR THE SMALL CHILD. BRIGHT COLORS, CLEVER DECORATION. FILLED WITH BLOCKS, ALSO EMPTY.



TOOL KITS
TOOL CHESTS
WORK BENCHES

VILLAGE AND
PLAYTOWN SETS

BABY GRAND PIANOS
UPRIGHT PIANOS
COLORED BLACKBOARDS
ROCKING HORSES

EDUCATIONAL PLAY TOYS
MANY NEW NUMBERS

AMERICAN MANUFACTURING CONCERN
FALCONER, N. Y.

PERMANENT NEW YORK OFFICE
200 FIFTH AVENUE
ROOM 404

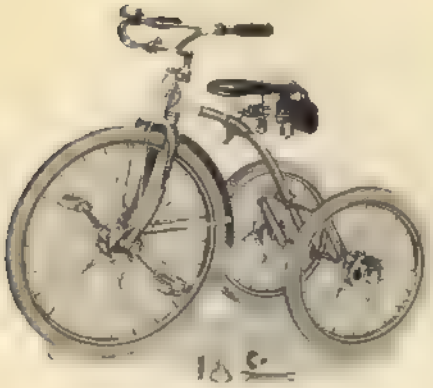
We will appreciate your courtesy in mentioning PLAYTHINGS

American

The Guaranteed Line

SEE the latest and best values in Children's Vehicles at the Chicago Toy Fair, Morrison Hotel, Parlors A and B. The hits of the New York Fair will be on display.

No. 554 AUTOMOBILE
Real pneumatic tires, electric lights and electric horn. Even the rumble seat is upholstered. Watch this 71-inch beauty excite the kids.
(Catalog page 19)



No. 100 VELOCIPEDE
Everyone tells us this is the best they have ever seen. Note the jumbo hubs, truss fork, motor-bike handle bars, chromium plating.
(Catalog page 43)

OUR sales experts will explain the many profitable features incorporated in American merchandise.

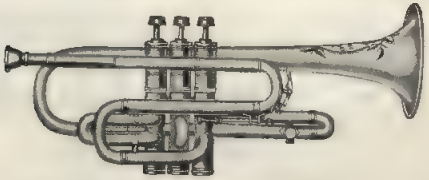
Be sure you get this information.

The American-National Company

FIVE FACTORIES, TOLEDO, OHIO, U.S.A.

One good turn deserves another—please mention PLAYTHINGS

American Professional Band Instruments

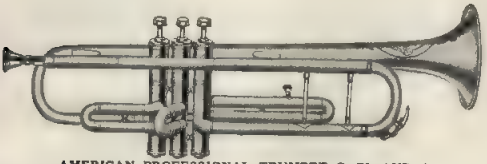


LONG MODEL CORNET—Bb QUICK CHANGE TO A

This professional long model cornet possesses tonal beauty and easy playing qualities to a degree far in excess of the ordinary model. It is built in B-flat, with quick change to A. The German Silver valves are of star construction, carefully ground. The top valve buttons are of pearl. Each cornet comes with music rack and silver plated mouthpiece. The length is 16⅝ inches; the diameter of bell is 4½ inches; weight is 2⅜ lbs. Your choice of two finishes. Distinctive high quality throughout.

9G70162 Highly Polished Brass Finish. PRICE..... **$48.50**

9G70163 Heavily Silver Plated, satin finish; inside of bell gold plated and hand burnished. PRICE..... **65.00**

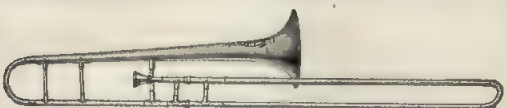


AMERICAN PROFESSIONAL TRUMPET C, Bb AND A

As this trumpet is built in the Key of C, low pitch, you can play violin or piano music without transposition; quick slide changes to Bb and A. The top valve buttons are of pearl. Complete with music rack and silver plated mouthpiece. Length is 22½ inches, diameter of bell, 4½ inches; weight is 2¾ lbs. Your choice of two finishes

9G70164 Highly Polished Brass. PRICE..... **$54.00**

9G70165 Heavily Silver Plated, satin finish; inside of bell gold plated and hand burnished. PRICE..... **70.00**

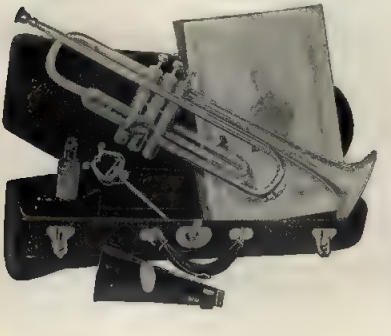


LOW PITCH AMERICAN PROFESSIONAL SLIDE TROMBONE

Perfect slide action and balance, with exceptional ease of blowing, feature this model Every position is in tune. It is distinguished with graceful proportions and careful workmanship. It is only large production that makes possible the low price. Built in low pitch; complete with music holder and silver plated mouthpiece. Length 46 inches. diameter of bell 7 inches; weight 3¼ lbs. Your choice of two finishes

9G70166 Highly Polished Brass. PRICE..... **$35.00**

9G70167 Heavy Silver Plated, satin finish; inside of bell gold plated and hand burnished. PRICE..... **55.50**



CONVERTIBLE MELLOPHONE

This instrument can be used for parts such as French Horn, Eb Alto, Ballad Horn in C, etc. The instrument is convertible to keys from F down to C. Quality is particularly necessary in a Mellophone, owing to the number of crooks and extensions; if workmanship and materials are not the best, the instrument will not be in tune. The most skilled workmanship and the highest quality of materials contribute to the perfect tone and operation of this instrument. It is built in the Key of F, with crooks to change to Eb, D and C. The valves are made of hard German Silver, with top buttons of pearl. The diameter of the bell is 10½ inches; weight is 3⅝ lbs. Low pitch; comes complete with music rack and silver plated mouthpiece. Your choice of two finishes. Please order by number.

9G70170 Highly Polished Brass. PRICE..... **$74.00**

9G70171 Heavily Silver Plated, satin finish, inside of bell gold plated and hand burnished. PRICE **105.00**

AMERICAN PROFESSIONAL Eb ALTO

The American Professional Eb Alto (not illustrated) has a round, full, rich tone—a delight to player and listener. It plays easy, with light, responsive valve action. It is made of a fine quality brass, with valves of German Silver, and top buttons of pearl. Comes complete with music rack and silver plated mouthpiece. Is 15½ inches high, with 7½-inch bell. Weighs 3 lbs; low pitch. Your choice of two finishes.

9G70172 Highly Polished Brass. PRICE **$64.00**

9G70173 Heavily Silver Plated, satin finish, inside of bell gold plated and hand burnished. PRICE **95.50**

BARITONE OR EUPHONIUM

The American Professional Baritone (not illustrated) has an exceptional round, powerful tone, and great carrying quality. It is easy to blow, with faultless intonation, and possesses a smooth scale. It is ideal for solo as well as band playing Height is 26 inches; diameter of bell is 11 inches; weight 7½ lbs.; low pitch Complete with music rack and silver plated mouthpiece. Highest quality at a moderate price.

9G70174 Highly Polished Brass. PRICE **$92.50**

9G70175 Heavily Silver Plated, satin finish, inside of bell gold plated and hand burnished. PRICE **140.00**

Eb BASS (OR TUBA)

The American Professional Eb Bass (not illustrated) has a large, true and powerful tone. With it, you can reach extremely high and low notes. The instrument has perfect intonation, combined with faultless valve action. It is light weight, which makes it ideal for parade work. Built in low pitch. The length is 31 inches; diameter of bell 16 inches. weight 18 lbs. Has top valve buttons of pearl. Comes complete with music holder and silver plated mouthpiece. Your choice of two finishes

9G70176 Highly Polished Brass. PRICE **$135.00**

9G70177 Heavily Silver Plated, satin finish, inside of bell gold plated and hand burnished. PRICE **214.00**

TWO HANDSOME TRUMPET OUTFITS

Supreme Values in Your Choice of Two Models

Illustrated to the left is a high-grade trumpet outfit at a moderate price that will fill every musical need. The American Professional trumpet used in this outfit is built with precision in a correct design, and is comparable with instruments selling for a much higher price. These trumpets will be found in use in the best known bands and orchestras in the country. The reason for their popularity can be given in a few words, they are easy to blow; they are absolutely perfect in pitch and intonation, and they are priced within the reach of all. The tone is rich, penetrating and flexible; the lines are graceful and well balanced. The valves are made of the finest German Silver, ground with the greatest care, and constructed in the star style. This is a great improvement, as the valve cannot turn in the spring box, and this makes it impossible to replace the valve pump wrongly. The action is as short as it is possible to have it and still retain the full size air passages through the valves. You have your choice of either an engraved, polished brass trumpet, or a handsomely engraved, heavily silver plated trumpet in a satin finish with gold plated bell. Each outfit comes complete with a high quality Keratol covered carrying case, one Shastock mute, bottle of valve oil, music rack, and an understandable illustrated instruction book. Please order by number

9G70168 Outfit complete with engraved brass Bb trumpet. PRICE..... **$64.00**

9G70169 Outfit complete with silver plated, gold bell Bb trumpet. PRICE **90.00**

Clarinets • • Flutes • • Piccolos

THIS PICTURE SHOWS THE COMPLETE OUTFIT YOUR CHOICE OF TWO CLARINETS

There is nothing else to buy. The complete outfit includes everything. You have your choice of the Albert System Clarinet or the Boehm System Clarinet, both in Bb low pitch. The Albert System Clarinet has 15 keys, 4 rings and 4 rollers. the Boehm System Clarinet has 17 keys, 6 rings. The superiority of these instruments is fundamentally in their correct design, in their expert workmanship, and the care with which each minute part is carefully adjusted and inspected. The prices quoted to the right, represent extremely good values. The instruments and outfits are guaranteed to be 100% perfect.

ALBERT SYSTEM CLARINET OUTFIT—Bb LOW PITCH

We have carefully selected this outfit as the best and most practical of the Albert System clarinets. We have included everything that is necessary or desirable. The outfit includes a Kohlert Clarinet made of Grenadilla wood, with German Silver keys and trimmings. The clarinet is built in low pitch and has 15 keys, 4 rings and 4 gutta percha rollers, is complete with ebony mouthpiece and cork joints. The case is of black seal grain Keratol on a three ply wood body, velvet lined, with leather handle; the strong lock and clasps and other trimmings are of brass, nickel plated. The outfit includes a cleaner, a box of joint grease, a nickel music rack, a bottle of oil, a mouthpiece cap, leather covered reed case, three extra reeds, reed holder, a "Handy" reed finishing outfit, a "Masterbilt" reed trimmer, screw driver, and an "E-Z" instruction book.

9G70178 Outfit complete. PRICE..... **$75 00**
9G70192 Clarinet only PRICE..... **55.50**

BOEHM SYSTEM CLARINET OUTFIT –Bb LOW PITCH

While this outfit, as the illustration indicates, is remarkably complete, every item in it is necessary for the proper use and care of the Clarinet. The Kohlert Clarinet is made of Grenadilla wood, with German Silver keys and trimmings, ebony mouthpiece and cork joints. It is built in low pitch and has 17 keys and 6 rings. The silk plush lined case is the popular French model of black leather grained Keratol, with leather handle nickel brass trimmings, lock and spring catches. The outfit includes cleaner box of joint grease bottle of oil, mouthpiece cap, nickel music rack, leather covered reed case, reed holder, three extra "Super-o-Phone" reeds "Handy" reed finishing outfit, "Masterbilt" reed trimmer, screw driver, and an illustrated Remecke instruction book.

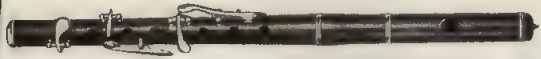
9G70179 Outfit complete. PRICE **$140.00**
9G70193 Clarinet only. PRICE.. **107.00**

Piccolos and Flutes

NICKEL SILVER PICCOLO

Well-made Piccolo of highly polished nickel silver. The valves and mechanism are finely adjusted to resist changes of temperature. This eliminates much of the trouble that is ordinarily found with wood instruments. Complete with cleaner, in high-grade velvet lined Keratol covered case. Your choice of two models.

9G70180 In Key of C for Orchestra **$100.00**
9G70181 In Key of D for Band. . . . **100.00**



HIGH QUALITY GRENADILLA PICCOLO

At a price no higher than that of the ordinary model, we present a high quality, genuine "V. Kohlert & Sons" Meyer System Piccolo, made of genuine Grenadilla, in your choice of two pitches, for band use or for orchestra use. The piccolos are very well made and are highly polished. Each piccolo is made with slide, cork joints, six keys, and German Silver caps on end.

9G70182 In Key of Db for Band Use. PRICE..... **$11.40**
9G70183 In Key of C for Orchestra Use. PRICE..... **11.40**

NICKEL SILVER BOEHM SYSTEM FLUTE

A splendid instrument that will last a lifetime. Cylinder bore, nickel silver throughout, highly polished. Comes in velvet lined, fine keratol covered case with cleaner. You can have it in either closed or open G-sharp key. Please specify when ordering. The price is remarkably low.

9G70184 In Key of C for Orchestra PRICE **$162.50**
9G70185 In Key of A for Band. PRICE..... **162.50**

FLUTES IN SUPERB NEW STYLES

We take pleasure in showing for the first time, the new series of genuine "V. Kohlert & Sons" flutes, which are much superior to the common market goods. They are correctly designed, Meyer System, carefully constructed of Grenadilla wood, with German Silver keys, cork joints and German Silver caps. You have your choice of 8 keys 11 keys or 13 keys, with or without Gallalith ivory heads. Each flute is carefully adjusted and inspected before leaving the factory. You will find in this series, the exact style and model you desire. They are all 100% guaranteed. Please order by number as listed below.

9G70186	8 Keys	**$22.80**
9G70187	8 Keys, Gallalith Ivory Head	**35.50**
9G70188	11 Keys	**34.00**
9G70189	11 Keys, Gallalith Ivory Head	**47.00**
9G70190	13 Keys	**45.50**
9G70191	13 Keys, Gallalith Ivory Head	**58.50**

American Toy & Novelty Corporation

NEW

POWDER PUFF TOYS

and

DRESSED SOFT DOLLS

Bigger And Better

Than Ever Before

All Individually Wrapped

In Cellophane

WRITE FOR SAMPLES AND PRICES

On Display the Year 'Round in

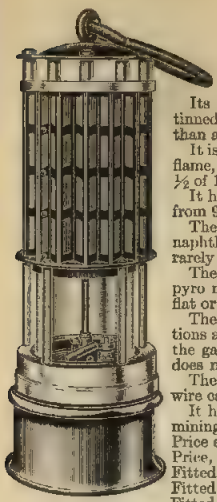
ROOM 461—FIFTH AVE. BUILDING

Jos. P. Egan and Arthur H. Rose, Rep.

AMERICAN TOY & NOVELTY CORP.

21st AND HUNTING PARK AVE. PHILADELPHIA, PA.

One good turn deserves another—please mention PLAYTHINGS



The American Wolf Type Miner's Safety Lamp

An American Made Lamp Similar to the Imported Wolf Safety Lamp

Its construction has proven the most satisfactory. It is made of heavy cold rolled steel tinned with brass trimmings. It is stronger, more serviceable and costs less to maintain than any other safety lamp on the market.

It is very sensitive to gas, indicating plainly as low as ¾ of 1 per cent with the luminous flame, and is extensively used for testing purposes. With a non-luminous flame, as low as ½ of 1 per cent of gas may be detected and ¾ of 1 per cent shows a distinct gas cap.

It has from 1 to 1½ c. p. illuminating power and the light remains practically constant from 9 to 12 hours.

The maintenance cost is very low and should not exceed 1 cent each lamp per shift, for naphtha, repair parts and supplies. The fuel burns as a gas. The wick does not char and rarely requires renewal.

The standard lamp for general use. Burns naphtha and is fitted with double gauzes, pyro metal or match tape internal igniter, key or magnetic lock, and burner for either flat or round wick.

The shield, or bonnet, is corrugated to increase the radiating surface, and the perforations are so made as to prevent the high velocity currents from impinging directly against the gauze. A plain steel bonnet can be furnished, but it has less radiating surface and does not keep the lamp as cool.

The gauzes are of the best grade charcoal iron wire carefully woven. Brass or copper wire can be furnished at small additional cost.

It has passed the most exacting tests and been formally approved in practically every mining locality. It has been tested in high velocity currents up to 2500 feet per minute.

Price each, as described above	$ 9.00
Price, made from light weight aluminum alloy, round wick only	12.00
Fitted with 1 lens, extra	3.75
Fitted with 2 lens, extra	7.50
Fitted with 3 lens, extra	10.50

The American Pneumatic, Signal System

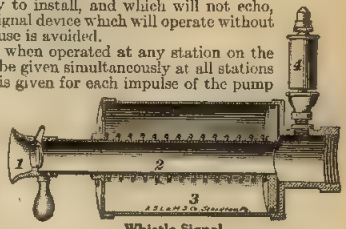
A thoroughly reliable pneumatic signal system, durable, easy to install, and which will not echo, nor repeat the signal given. It is positively the only pneumatic signal device which will operate without an echo, an incstimable advantage, as all confusion from this cause is avoided.

It consists essentially of a specially designed air pump which when operated at any station on the line compresses the air sufficiently to cause the desired signal to be given simultaneously at all stations on the line. One blast of the whistle or one stroke of the gong is given for each impulse of the pump piston.

The signal pump is entirely self-contained and no fittings are required for its erection. All that is necessary is to erect a suitable pipe line connecting the points between which it is necessary to signal, and attach the pumps. One pump for each station.

Line Can Be Used as Speaking Tube

The piston rod is hollow and upon opening the check valve near the mouthpiece the line is open as a speaking tube. Sound is transmitted sharp and clear in the very deepest shafts. This feature is invaluable when the mine telephone is out of order, or if an accident should occur and more than one method of communication is desired.



Whistle Signal

Once properly installed there is practically no maintenance expense. The pump is heavily constructed of cast and drawn brass and has no delicate parts. Signals installed for 10 to 20 years still give perfect service, the only expense being an occasional new packing ring.

It cannot get out of order. Left untouched for an indefinite period it will operate perfectly at first impulse of the piston.

Materials falling down shaft cannot cause a false signal, as frequently occurs where mechanical signals using wires are employed. There are no wires to break or short circuit and the signal line is not readily damaged by fire or water.

Prices

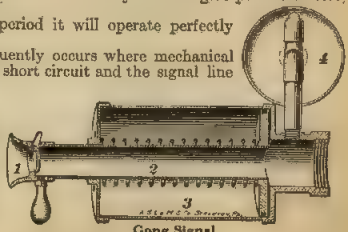
M220. Pneumatic signal pump complete with one gong or whistle, 6x9¼x2½ inches, for signaling up to 900 ft. Each $55.50

M222. Pneumatic signal pump complete with one gong or whistle, 8x12x3 inches, for signaling up to 2000 ft. Each $75.00

M224. Signal whistles, brass. Each 7.50

M226. Signal gong, brass, complete. Each 9.00

Brass tubing and pipe at market.



Gong Signal

Justrite Carbide Lamps

For Campers, Miners, Contractors, Hunters, Etc.

No. 407

Carbide Cap Lamps

Nos. 407 and 861

Made of brass. Height, 3 inches. Have self-lighter attachment. Burn 2½ hours on 2 oz. charge of carbide. Weight, 5 oz. each.

Price, each $1.25

No. 861

Hand Lamps

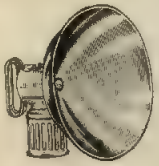
Justrite hand lamps are very useful for inspection purposes as well as for campers. They have folding handles and reflectors which throw a large volume of light. The No. 39 lamp has a 7-inch, highly nickel plated reflector and the No. 95 has a 3-inch nickel plated reflector. Both lamps are all nickel plated and are packed one each in a cardboard box.

No. 39 Lamp

Burning capacity, 4 hours on 3 oz. charge of carbide.

Height, inches	7
Diameter of reflector	7
Weight, ounces	9

Price, each $3.00


No. 39

No. 95

No. 95 Lamp

Burning capacity, 4 hours. Equipped with No. 170 flame protector. Charge, 3 oz. carbide. Height, 4¾ in. Weight, 7 ounces.

Price, each $2.50

No. 12 Carbide Lantern

This lantern is dependable in every way and is a great favorite with sportsmen. Gives a bright, penetrating 20 candle power light, burns 3 to 4 hours with 3 ounces of carbide, flame is controlled by valve and can be turned high or low or extinguished as desired. Highly nickel plated, equipped with detachable bull's eye lens and reflector. Equipped also with self lighting attachment—no matches required, no complicated parts to get out of order and easy to operate.

Superior to any portable light in cleanliness, safety and candle power, no smoke or grease, will not blow out.

It has proven its efficiency and has no peer for lighting the camp, motor boating, canoeing, hunting, fishing and going thru the woods and in fact for all outdoor lighting it is invaluable

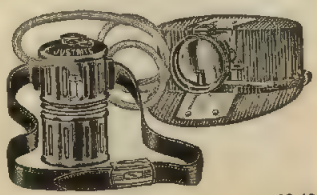
Can be packed with the camping outfit or in the trunk without danger of spoiling food or clothing.

Price, each $6.00

Justrite Headlight

The perfect light for general out-door work at night. The light, being worn on the cap, leaves both hands free for any work. It is one of the most practical head lights made. The light weighs only 5 ounces and having a self-lighter attachment, no matches are required. It has a strong rubber hose, steel generator, and a burning capacity of 5 to 6 hours. The belt is included with the outfit, but cap and special concentrating lens must be purchased extra.

Price, each $6.00



Carbide

For use in all lamps. Put up in 2-pound cans.

Price, per can $0.40
100-pound drums. Price, per drum 7.00

S & H Presents Another Smashing Hit!

AMOS 'n' ANDY

TRADEMARK

The Dapper Dancing Dolls of Dark Town

Patent No. 1,753,032

Every child in the country is a prospective customer for these new, hilariously funny dancing dolls. They all know 'em, and they'll all want 'em. They simply hold "Amos 'n' Andy" by the string so their feet touch the floor, jiggle them up and down and watch them dance to the accompaniment of the radio or phonograph. For regular play purposes, the dolls can be unsnapped in a jiffy. Light in weight and strongly made with unbreakable composition heads. Dressed in a wide variety of humorous character costumes.

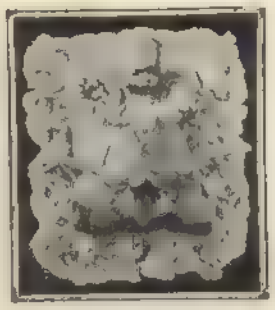
Be the First in Your Town to Feature AMOS 'N' ANDY DANCING DOLLS

DEMONSTRATOR for DANCING DOLLS

Dealers: We have arranged to furnish our Peppy Pal Demonstrating Units which are very attractive and as a sales stimulator have already proven successful. These Units are 4½ feet high, and handsomely decorated in five colors, electrically operated by guaranteed fool-proof motor unit, completely enclosed, operated by Universal Motor for AC or DC current. Write for descriptive literature and our attractive offer on these demonstrating units.

"TEE-WEE" HAND BABE

The Living Doll
Continues in Popular Favor



Does everything a living baby does—the hand fits inside and makes it live. You all know how it sells—and records prove it is selling better than ever. Fully patented and protected.

PATENT GRANTED

For

"PEPPY PALS"

The Original Dancing Marionettes

We wish to announce that we have been granted a patent on our "Peppy Pals," No. 1,753,032.

S. & H. NOVELTY CO.

13 North Bellevue Avenue Atlantic City, N. J.

We will appreciate your courtesy in mentioning PLAYTHINGS

LOVELL WRINGERS AND STANDS

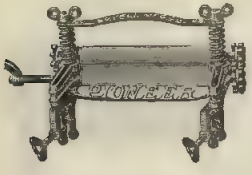
DOMESTIC

Warranted three years. Galvanized malleable iron frame; steel spiral springs; hold-fast clamps open 1⅜ inch; can furnish to open 2 or 2¼ inches.

NO.	Rolls	Wt. Doz.	DOZEN
22D	10x1¾ in.	235 lb.	$105.00

1/12 doz. in a carton, 1/4 doz. in a case.
Extra rolls: Lower No. 60; upper No. 39.

PIONEER



Warranted one year. Galvanized malleable iron frame; steel spiral springs; hold-fast clamps open 1⅜ inch; can furnish to open 2 or 2¼ inches.

NO.	Rolls	Wt. Doz.	DOZEN
22P	10x10¾ in.	235 lb.	$98.00

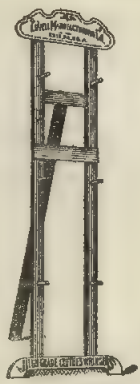
1/12 doz. in a carton, 1/4 doz. in a case.
Extra rolls: Lower No. 60; upper No. 39.

SUPERB

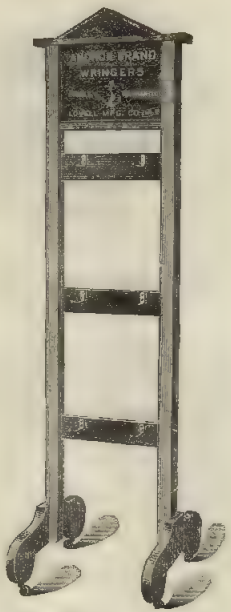
Warranted one year. All metal frame, steel springs; holdfast tub clamps opening 1⅜ inch, can furnish clamps opening 2 inches.

NO.	Rolls	Wt. Doz.	DOZEN
2	10x1¾ in.	160 lb.	$72.00

1/12 doz. in a carton, 1/4 doz. in a case.
Extra rolls: Lower No. 52; upper No. 51



No. 0



No. 11

This stand is of strong, straight grain ash. It is well put together and nicely finished in olive green. Holds three wringers. Wherever used it is sure to increase the sales of wringers.

NO.	Height	Width	Wt. Each	EACH
0	56 in.	14 in.	10 lb.	$1 50

One in a case.

This stand is made of straight grained ash with extra heavy base. Holds six large wringers. Equipped with casters. Mission finish.

NO.	Height	Width	Wt. Each	EACH
11	68 in.	20 in.	35 lb.	$3.75

One in a case.

LOVELL CLOTHES WRINGERS G

DOMESTIC

Warranted three years. Varnished frame; galvanized metal bearings; flat steel spring; cog shields; holdfast tub clamps.

NO.	Rolls	Wt. Doz.	DOZEN
670	10x1⅞ in.	270 lb.	$118.00
671	11x1⅞ in.	290 lb.	131.00

1/12 doz. in a carton, 1/4 doz. in a case.

Extra rolls for No. 670: Upper No. 33; lower No. 151.
Extra rolls for No. 771: Upper No. 35; lower No. 152.

BRIGHTON

Warranted one year. Varnished frame; flat steel spring, plain metal bearings; hold-fast tub clamps.

NO.	Rolls	Wt. Doz.	DOZEN
110	10x1⅞ in.	265 lb.	$107.00

1/12 doz. in a carton, 1/4 doz. in a case.

Extra rolls for No. 110; Lower No. 60; upper No. 39.

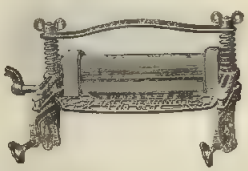
CLOTHES WRINGER

Warranted three years. Single pressure screw with patented release arm instantly applied or released. Patented rubber washers prevent rust at end of roll, all metal parts are rust proof plated. Special alkali proof enameled frame.

NO.	Rolls	Wt. Doz.	DOZEN
50	10x1⅞	228	$140.00
51	11x1⅞	230	160.00

One in a carton.

GUARANTEE



Warranted five years. Galvanized malleable iron frame steel ball bearings; steel spiral springs; cog shields, holdfast clamps open 1⅜ inches can furnish to open 2 or 2¾ inches.

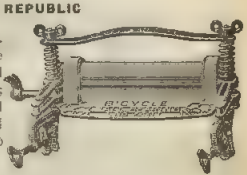
NO.	Rolls	Wt. Doz.	DOZEN
750	10x1⅞ in.	280 lb.	$135.00
751	11x1⅞ in.	290 lb.	144.00

1/12 dozen in a carton; 1/4 dozen in a case

Extra rolls for No. 750: Lower No. 151; upper No. 33.
Extra rolls for No. 751: Lower No. 152; upper No. 35.

REPUBLIC

Warranted three years. Galvanized malleable iron frame steel ball bearings; cog shields; Holdfast steel spiral springs; clamps open 1⅜ inch; can furnish to open 2 or 2¾ inches.



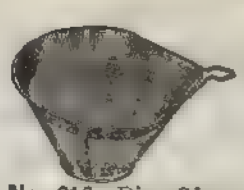
NO.	Rolls	Wt. Doz.	DOZEN
740	10x1⅞ in.	280 lb.	$125.00

1/12 doz. in a carton, 1/4 doz. in a case.

Extra rolls: Lower No. 151; upper No. 33.

WIRE GOODS

SNO-CAP



SINK STRAINERS

Perforated steel, blue and white enameled top rim rolled over wire forming handle.

	Per Doz	Per Gro
No. 816—Diam 8 ins.	$3 30	36 75

One doz in cardboard box; wt per doz 1½ lbs.

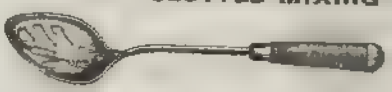
CAKE TURNERS

Nickel plated, perforated spring steel blade riveted to polished steel shank; white and blue enameled wood handle with nickel plated ferrule. Size blade 3x4½ inches.

	Per Doz
No. 218—Length over all 13 ins.	$2 70

One doz in cardboard box; wt per doz 2½ lbs.

SLOTTED MIXING SPOONS

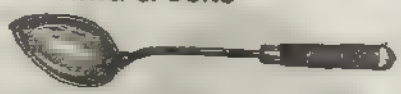


Nickel plated, slotted metal bowl riveted to polished steel shank; white and blue enameled wood handle with nickel plated ferrule.

	Per Doz
No. 1728—Length over all 11½ ins.	$2 70

One doz in cardboard box; wt per doz 2¼ lbs.

SOLID BOWL MIXING SPOONS



Nickel plated metal bowl riveted to polished steel shank; white and blue enameled wood handle with nickel plated ferrule.

	Per Doz
No. 1738—Length over all 11½ ins.	$2 70

One doz in cardboard box; wt per doz 2½ lbs.

SOLID LADLES

Nickel plated metal bowl riveted to polished steel shank; white and blue enameled wood handle with nickel plated ferrule.

	Per Doz
No. 1748—Length over all 11 ins.	$3 30

One doz in wood box; wt per doz 2¾ lbs.

PLATE AND SINK SCRAPERS

2½x2 inch white rubber scraper blade reinforced with nickel plated steel, riveted to white and blue enameled wood handle with eye hook for hanging.

	Per Doz
No. 8161—Length over all 6 ins.	$3 00

One doz in cardboard box; wt per doz 1¼ lbs.

WIRE GOODS

ANDROCK SNO-CAP DEAL

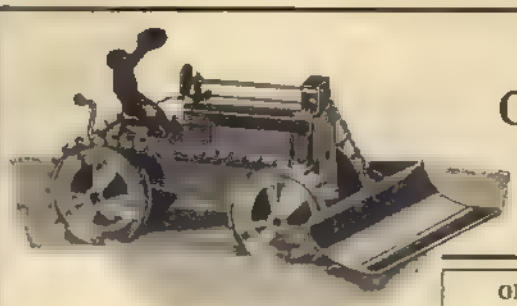
Consists of 16 assorted high grade kitchen utensils with white capped blue enameled wood handles. The display board is of step like design which makes possible a pleasing display, finished in five rich oil colors, can be washed to keep it looking bright and fresh. Occupies a space 30x30 inches and has reserve space for extra stock.

Assortment consists of the following:

½ doz No. 8698 fine mesh strainers with 2½ in. bowl	$0 90
½ doz No. 8801B medium mesh strainers with 2½ in. bowl	60
½ doz No. 8726 medium mesh strainers with 5 in. bowl	1 20
½ doz No. 8732 medium mesh strainers with 5½ in. bowl	1 50
½ doz No. 8736 coarse mesh strainers with 5½ in. bowl	1 50
½ doz No. 1728 slotted spoon, nickeled, 11½ ins. long	90
½ doz No. 1738 solid spoon, nickeled, 11½ ins. long	90
½ doz No. 1748 solid ladle, nickeled, 11 ins. long	90
½ doz No. 988 mincer with 6 in. blade, polished, 8¾ ins. long	1 50
½ doz No. 8413 kitchen forks, 3 tine, retinned, 13 ins. long	90
½ doz No. 825 batter beaters, nickeled, 11 ins. long	1 50
½ doz No. 886 ricer and masher, nickeled, 9 ins. long	1 50
½ doz No. 8308 vegetable masher, nickeled, 9½ ins. long	90
1 doz No. 8161 rubber plate scraper, 6 ins. long	1 80
½ doz No. 218 perforated cake turner, nickeled, 13 ins. long	90
1 doz No. 81 can opener, saw steel blade, nickeled, 6¼ ins. long	1 80
Total Retail Value	$19 20

	Per Ass't
No. 38—Complete as described	$38 25

One ass't in carton; wt each 28 lbs.



12 INCHES
SNOW PLOW

The Animate
CLIMBING TRACTOR & ATTACHMENTS

The Original Climber—Always the Champion

The ANIMATE Tractor is the choice of Leading Buyers because they realize the public appreciates and demands quality. Make it one of your feature items during the coming season.

ON DISPLAY AT
The
CHICAGO TOY FAIR
ROOM 775
PALMER HOUSE

ANIMATE TOY COMPANY
200 FIFTH AVE., NEW YORK

THE BIG
4
COMBI-
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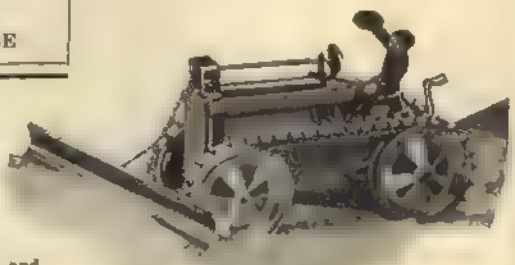

The Animate Tractor and 3 Attachments packed in a large beautiful box.

12 INCHES
ROAD SWEEPER

ANIMATE TOY

12 INCHES
ROAD SCRAPER

Playit
TRADE MARK
With Flowers

Children Can Actually Grow Flower Plants

in these scientifically constructed naturalistic greenhouses. Here is something really "new under the sun"—the sun will make the flowers grow and "Playit" green houses will make your profits grow.

GREENHOUSES

In Four Sizes
Steel Frames
Steel Sash
Beautifully Enameled in Colors

Planting Trays Enameled in Red
Miniature Cold Frames Enameled in Green with Steel Sash.
Iron Flower Stands
Ferneries
Garden Baskets
Garden Tools
Seed, Soil, Etc.

GROWING FLOWER PLANTS

In Beautiful Blue, Red and Green Enamelled Pots with Saucers.

Give These Flower Plants Care, Sunshine, Air and Water—

Children Will Have
BEAUTIFUL BLOOMING PLANTS
In a Short Time

See Our Display at the
CHICAGO TOY FAIR
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MR. F. W. KAHLKE

All Items Bearing the Trademark "Playit" Are Controlled by

DIRECT TOY SALES CORP.
215 FOURTH AVE. NEW YORK

We will appreciate your courtesy in mentioning PLAYTHINGS.

.1847 ROGERS BROS.

SILVERPLATE

008503 TEA OR COFFEE SET
Three Pieces
Coffee Pot, Sugar Bowl and Cream Pitcher
List, set, $81.36; Consumer, set, **$65.00**

008511 WAITER, 16 inch, oblong
(not illustrated)
List, each, $31.30; Consumer, **$25.00**

008546 SERVICE PLATE, 10 in
List, each, $12.52; Consumer, **$10.00**

008547 BREAD AND BUTTER PLATE
Width, 6 inches
List, each, $6.26; Consumer, each, **$5.00**

008544 SALT AND PEPPER SET
Height, 6¼ inches
List, set, $12.52; Consumer, set, **$10.00**

008553 CANDLESTICKS
Height, 10½ inches
List, pair, $31.30; Consumer, pair, **$25.00**

008539 DOUBLE VEGETABLE DISH
Side Handles
Length, 11 inches
List, each, $31.30; Consumer, each, **$25.00**

ANNIVERSARY PATTERN

Butler Grey Finish

Matching the Spoons, Forks and Knives in the Anniversary Pattern

MEAT DISHES, Plain

		List	Consumer
008531	16 inch	$25.04	$20.00
008532	18 inch	31.30	25.00
008533	20 inch	37.54	30.00

MEAT DISHES, Well and Tree

008535	16 inch	$34.42	$27.50
008536	18 inch	40.68	32.50
008537	20 inch	46.94	37.50

008541 GRAVY BOAT AND PLATE
Capacity, 12 ounces
List, set, $25.04; Consumer, set, **$20.00**

008550 CENTERPIECE, Gold Lined
Diameter, 11½ inches
With Silver Plated Double Mesh
List, each, $50.06; Consumer, each, **$40.00**

008543 WATER PITCHER
Capacity, 4 pints
List, each, $37.54; Consumer, each, **$30.00**

008524 BREAD TRAY
Length, 12½ inches
List, each, $15.64
Consumer, each, **$12.50**

TEA POT, COFFEE POT, SUGAR BOWL, CREAM PITCHER AND WASTE BOWL

		List	Consumer
008505	Set of Five Pieces	$125.16	$100.00
008504	Set of Four Pieces	112.64	90.00
008503	Set of Three Pieces	81.36	65.00

		List	Consumer
008506	Coffee Pot (or Chocolate) 32 oz.	$31.30	$25.00
008507	Tea Pot, 25 ounces	31.30	25.00
008508	Sugar Bowl	25.04	20.00
008509	Cream Pitcher (or Lined	25.04	20.00

		List	Consumer
008510	Waste Bowl, Gold Lined	$12.52	$10.00
008512	Waiter, 22 in. oblong (not illustrated)	50.06	40.00
008511	Waiter, 16 in. oblong (not illustrated)	31.30	25.00

INTERNATIONAL SILVER CO.

1847 ROGERS BROS.

SILVERPLATE

008403 Tea or Coffee Set
Three Pieces
Coffee Pot, Sugar Bowl and Cream Pitcher
List, set, $81.36; Consumer, set, **$65.00**

008411 Waiter, 16 inch, oval
not illustrated
List, each $31.30
Consumer each **$25.00**

008446 Service Plate, 10½ inch
List, each, $12.52; Consumer **$10.00**

008447 Bread and Butter Plate
Diameter, 6 inches
List, each, $6.25, Consumer, each **$5.00**

008444 Salt and Pepper Set
Height, 6¼ inches
List, set $12.52; Consumer, set **$10.00**

008453 Candlesticks
Height, 10 inches
List, pair, $31.30; Consumer, pair, **$25.00**

008449 Double Vegetable Dish
Lock Handle
Length, 11¾ inches
List, each, $31.30; Consumer, each, **$25.00**

AMBASSADOR PATTERN

Chased

Butler Grey Finish

Matching the Spoons, Forks and Knives in the Ambassador Pattern

Meat Dishes, Plain

		List	Consumer
008430	14 inch	*$18.78*	$15.00
008431	16 inch	*25.04*	20.00
008432	18 inch	*31.30*	25.00
008433	20 inch	*37.54*	30.00

Meat Dishes, Well and Tree

008436	18 inch	*$40.68*	$32.50
008437	20 inch	*46.94*	37.50
008438	22 inch	*65.70*	52.50

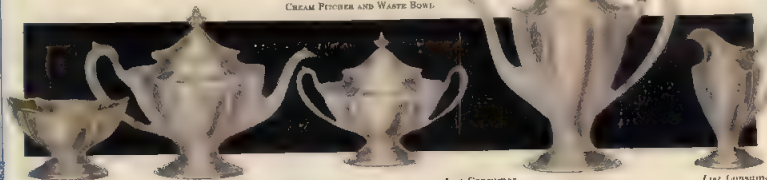
008441 Gravy Boat and Plate
Capacity, 15 ounces
List, set $25.04; Consumer, set, **$20.00**

008450 Centerpiece, Gold Lined
Diameter, 13 inches
With Silver Plated Double Mesh
List, each, $50.05; Consumer, each, **$40.00**

008443 Water Pitcher
Capacity, 3½ pints
List, each, $37.54; Consumer, each, **$30.00**

008424 Bread Tray
Length, 13⅛ inches
List, each, $15.64
Consumer each, **$12.50**

Tea Pot, Coffee Pot, Sugar Bowl, Cream Pitcher and Waste Bowl



		List	Consumer
008405	Set of Five Pieces	$125.16	$100.00
008404	Set of Four Pieces	*112.64*	90.00
008403	Set of Three Pieces	*81.36*	65.00
008406	Coffee Pot or Hot Water Pot	*31.30*	25.00
008407	Tea Pot	*$31.30*	$25.00
008408	Sugar Bowl	*25.04*	20.00
008409	Cream Pitcher, Gold Lined	*25.04*	20.00
008410	Waste Bowl, Gold Lined	*12.52*	10.00
008412	Waiter, 22 inch, oval (not illustrated)	*$59.06*	$40.00
008411	Waiter, 16 inch, oval (not illustrated)	*31.30*	25.00

INTERNATIONAL SILVER CO.

"L. C. SMITH" HAMMERLESS GUNS

FIELD GRADE

This gun is especially designed for those requiring a cheap sound and plainly finished weapon. It is particularly useful for field and marsh where rough usage is required. Featherweights are made in twelve gauges as light as six and one-quarter pounds. Full Pistol Grip. Barrels 26, 28, 30 and 32 inch, Armory Steel only, bored any way you choose from a cylinder to a full choke. Gauge 12, 16 and 20. Weights 12 gauge 6¼ to 8¼ pounds; 16 gauge, 6¼ to 7 pounds 20 gauge, 5¾ to 6½ pounds.

	Price
FIELD—With Two Triggers	$39 89
With Automatic Ejector	52 85
With Hunter One-Trigger	68 69
With Automatic Ejector and Hunter One-Trigger	81 65

Canvas Covers for Above Guns, Nos. 27-28-29. See Page 143 for Description.
Leather Cases, Nos. 31-32. See Page 142 for Description.

IDEAL GRADE

This gun is a "General Purpose" weapon, a sound, reliable and thoroughly serviceable gun and with just enough engraving to make it attractive. The barrels are bored and finished with extreme accuracy and care. For general purposes it is far superior to any other gun offered at a similar price. Featherweights are made in twelve-gauges as light as six and one-quarter pounds. Full Pistol Grip, Regular, Half or Straight to order. Barrels 26, 28 and 30 inch. London Steel bored any way you choose from a cylinder to a full choke. Gauge 12, 16 and 20. Weights, 12 gauge, 6⅞ to 8½ pounds; 16 gauge, 6¼ to 7 lbs.; 20 gauge, 5¾ to 6½ lbs.

IDEAL—With Two Triggers	$ 55 63
With Automatic Ejector	70 03
With Hunter One-Trigger	84 43
With Automatic Ejector and Hunter One-Trigger	98 83

Canvas Covers for Above Guns, Nos. 27-28-29. See Page 143 for Description.
Leather Cases, Nos. 31-32. See Page 142 for Description.

TRAP GRADE

In the production of this grade particular attention has been paid to meet the requirements of sportsmen who are desirous of a gun for trap shooting as well as for field and at a very low price. Each lock plate is engraved with a trap shooting scene consisting of a trap house and a squad of five shooters at the score. Featherweights are made in twelve-gauges as light as six and one-quarter pounds.

Full Pistol Grip; Regular, Half or Straight—to order. Barrels 26, 28 and 30 inch Crown Steel, bored any way you choose. Gauge: 12, 16 and 20. Weight: 12 gauge, 6¼ to 8½ lbs., 16 gauge, 6¼ to 7 lbs., 20 gauge, 5¾ to 6½ lbs.

TRAP—With Two Triggers	$ 71 40
With Automatic Ejector	88 25
With Automatic Ejector and Hunter One-Trigger	123 95

Canvas Covers for Above Guns, Nos. 27-28-29. See Page 143 for Description.
Leather Cases, Nos. 31-32. See Page 142 for Description.

ANSLEY H. FOX HAMMERLESS GUNS

Price

Grade A—Genuine Chromox Fluid Steel Barrels, Concave Matted Rib with Rotary Bolted Extension, Handsome Dark English Walnut Stock, Pistol Grip, Deeley & Edge Pattern Fore-end, Hard Rubber Butt Plate, Automatic Safety. Perfectly Balanced, Engraved and Finished in every detail. 12, 16 and 20 Gauge; 26, 28 and 30 inch Barrels. Weight, 7 to 8 pounds $52 50

Grade AE—With Automatic Shell Ejector 64 50

Grade CE—High Quality Chromox Fluid Steel Barrels, Concave Matted Rib with Rotary Bolted Extension, Selected Curly Dark English Walnut Stock, Straight or Pistol Grip, Extra Fine Engraving, Checkering and Finish, Deeley & Edge Pattern Fore-end, Hard Rubber Butt Plate, Automatic Safety; 12, 16 and 20 Gauge; 26, 28, 30 inch Barrels. Weight, 6½ to 8 pounds. With Automatic Shell Ejector 100 00

Extra for Fox Single Trigger 28 90

Canvas Covers for Above Guns, Nos. 27-28-29. See Page 143 for Description.
Leather Cases, Nos. 31-32. See Page 142 for Description.

FOX STERLINGWORTH HAMMERLESS

S. S. Grade Sterlingworth Standard Gun. Sterlingworth Fluid Compressed Steel Barrels, Fine American Walnut Stock, with Full Cap Pistol Grip. Patent Snap Fore-end, Hard Rubber Butt Plate, 12, 16 and 20 Gauge, 28 and 30 inch Barrels. Both Barrels Full Choke. Length of Stock, 14 inches; Drop, 2¾ inches; Weight, 7½ to 7¾ pounds for 12 Gauge, 5¾ to 6⅛ for 16 Gauge, 5½ to 6¼ for 20 Gauge $36 50

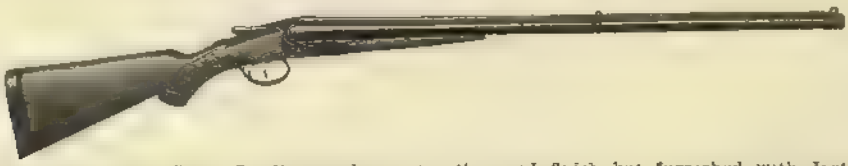
S. S. E. Grade—With Automatic Shell Ejector 48 40

S. F. Grade, Sterlingworth Field Gun. Sterlingworth Fluid Compressed Steel Barrels, Fine American Walnut Stock with Full Cap Pistol Grip. Patent Snap Fore-end, Hard Rubber Butt Plate. 12, 16 and 20 Gauge, 26 and 28 inch Barrels. Right barrel modified, left barrel full choke. Length of Stock, 14 inches; Drop, 2⅞ inches. Weight, 7½ to 7¾ pounds for 12 Gauge, 5¾ to 6⅛ for 16 Gauge, 5½ to 6¼ for 20 Gauge 36 50

S. F. E. Grade—With Automatic Shell Ejector 48 40

Extra for Fox Single Trigger 28 90

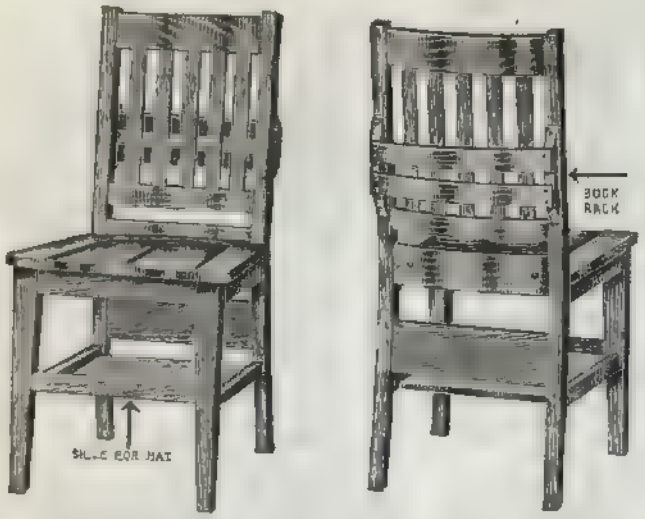
FOX STERLINGWORTH DELUXE



Fox Sterlingworth DeLuxe Gun. Same Sterlingworth construction and finish but furnished with Jostam Anti-Flinch Recoil Pad and two Lyman Ivory Bead Sights. Furnished in 12, 16 and 20 Gauge; 28 inch. Also 30 and 32 inch in 12 Gauge $39 50

Canvas Covers for Above Guns, Nos. 27-28-29. See Page 143 for Description.
Leather Cases, Nos. 31-32. See Page 142 for Description.

AUDITORIUM CHAIRS

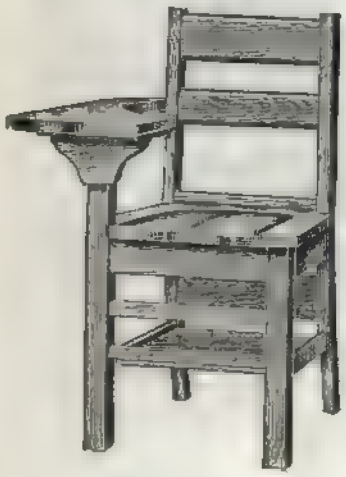


Shaped seat 15 ½x18 inches; height back above seat 18 inches. Constructed with book rack on rear of back and shelf underneath for hat. Also used in Sunday School rooms.

	Each
No. 1711—Solid oak, golden gloss finish	$15 00

Two in bdle. wrapped in excelsior pads; shipping wt each 18½ lbs.

TABLET ARM CHAIRS



Sturdily constructed to withstand abuse and give many years service. The tablet arm is reinforced and supported with metal braces and bolts.

Has the hygeinic and scientifically constructed back. Hat compartment under seat. For lunch rooms, cafeterias, school rooms, etc.

Seat 17x18¼ inches; size arm 11¼x24 inches.

	Each
No. 1710—Solid oak, golden gloss finish	$20 25

Crated; shipping wt each 24 lbs.

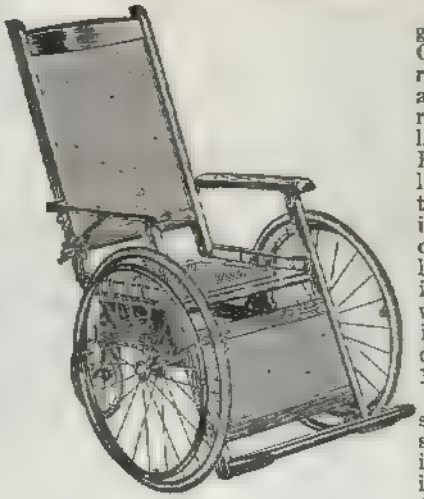
You, as a Dealer know what it means to specify car-loads of Furniture without finding it necessary to order more than your requirements on any particular item or line.

We have everything from the best Living Room, Bed Room and Dining Room Suites down to such lines as Cane Chairs, Iron Beds, Kitchen Tables, etc. Every piece of Furniture shown in this catalog is the cream of reputable Manufacturers lines.

Consult our salesman, or write us on carload orders.

INVALID CHAIRS

RECLINING



Solid oak frame, golden oak finish. Cane back seat and leg rest. Wide comfortable arm rests. 1 inch round hand rims on large wire wheels. Equipped with angular steel frame and truss supports. Folding foot board enables occupant to enter and leave chair conveniently. 26 inch steel wire wheels with ¾ inch rubber tires; diameter small wheel 10 inches.

Height back from seat 31 inches; height seat from floor 20 inches; foot board 17 inches; height arm from seat 9 inches.

	Each
No. 612—Depth seat 20 ins; width seat between arms 19 ins; width over all 29 ins	$78 75

Crated K. D.; shipping wt each 100 lbs.

RECLINING

With rear swivel wheel of large diameter, 14 inch. We particularly recommend this chair as being one of the easiest to handle and to manipulate. This idea is entirely original, and has been a source of much pleasure to many who praise it highly for these qualities.

Furnished regularly with hand rims on large wheels that will allow patients to propel chair forward and backward on turn in either direction at will.

Height of back from seat, inches	31
Height of seat from floor, inches	20
Height of seat from foot-board, inches	17
Height of arms from seat, inches	9½
Depth of seat, inches	20
Width of seat between arms, inches	19
Diam of large wheels, inches	28
Diam of small wheel, inches	14
Width over all, inches	29

Can furnish with bicycle ball-bearings at additional charge.

	Each
No. 606—With ¾ inch rubber tires	$95 25
No. 607—With 1 inch rubber tires	99 75

One in crate; wt each 85 lbs.

†F. O. B. Ohio Factory Only.

Genuine "Antonio-Loveri" and "Fritz Monnig" Violins

Famous "Antonio-Loveri" Violins

Antonio Loveri Violins are Handmade. Only the best Tone-Woods, thoroughly seasoned, are used for these instruments.

These fine violins have been distributed by us exclusively for many years. Dealers everywhere will testify to their superiority in workmanship and richness of tone.

G381+1
"Loveri Violin"
Dark red mahogany color throughout, slightly shaded, one-piece maple back, with neck and sides to match, extra selected [illegible] top, genuine ebony trimmings, [illegible] and 4/4 size only.
Each **$31.26**

G381+2
"Loveri Violin"
Imitation of old Tyrolean instrument, in nut brown color, strongly shaded and fine imitation of old [illegible] one-piece, curly maple back with neck and sides to match. Carefully selected spruce top. Genuine ebony trimmings; suitable for solo work. Full size only.
Each . **$39.26**

G381+3
"Loveri Violin"
[illegible] one-piece curly maple back with curly maple neck and sides to match, extra selected [illegible] 4/4 size only.
Each **$36.60**

G381+4
"Loveri Violin"
Rich brown mahogany color, slightly shaded except [illegible] one-piece curly maple neck, neck and sides carefully selected to match. Fine close grained spruce top, ebony trimmings throughout. A wonderful instrument both in workmanship and material, supplied in 4/4 and 3/4 size only.
Each **$51.32**

Genuine "Fritz Monnig" Hand Made Violins

G381+5 Carefully selected two-piece flamed maple back with flamed sides and extra selected neck to match. Fine old spruce top with even grain. Entire instrument finished in medium reddish amber color; rubbed to a medium gloss finish. Fine plain ebony trimmings throughout.
Each **$107.26**

G381+6 Carefully selected [illegible] piece flamed maple back with sides and neck to match. Entire instrument finished in medium red brown color, artistically shaded and looks old. Hand rubbed to a medium gloss finish. Instrument equipped with the very finest ebony tailpiece and fingerboard and gold trimmed ebony pegs. Each **$133.50**

G381+7 Exceptionally fine single piece curly maple back with neck and sides to match. Instrument finished in medium dark mahogany color, somewhat shaded. Equipped with the finest ebony trimmings and gold trimmed pegs. Entire instrument hand rubbed to a medium gloss finish.
Each **$[illegible].60**

NOTE THESE INSTRUMENTS MORE OR LESS VARY IN COLOR AND SHADING. IF YOU WILL SPECIFY COLOR DESIRED WHEN ORDERING WE WILL BE GLAD TO SELECT THE RIGHT INSTRUMENT FOR YOU.

Accordions and Band Instrument Cases

The New "Hohner" Piano Accordions

DEPENDABLE IN EVERY RESPECT

The frames, keyboard and back panel are of white celluloid. Frames are neatly embellished with fine black strip inlay. Front of upper and lower frames are decorated with colored design. Top metal panel is of white enamel, lattice work pattern, with gauze backing. Bellows are comprised of 16 extra deep folds with enameled white cloth lining on outside edges, nickel-plated corner protectors. Finest quality leather clasps, bass and shoulder straps. Each Accordion has a substantial and fine looking carrying case fitted with heavy metal hinges, catches, lock and key, sturdy handle.

G382 - 1 25 black and white treble piano keys, 2 chromatic octaves, 12 black bass keys in 2 rows, 2 sets of hand filed steel reeds. Size 6x11½ inches. Each **$81.34**

G382 - 2 25 black and white treble piano keys, 2 chromatic octaves, 24 black bass keys in 3 rows, 3 sets of hand filed steel reeds. Size 7x13½ inches. Each **$111.00**

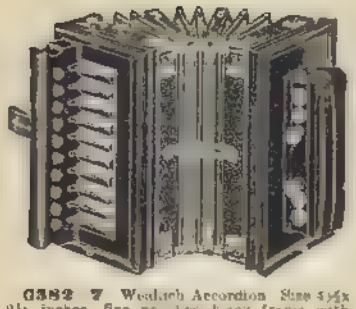
G382 - 3 34 black and white treble piano keys, 2½ chromatic octaves, 48 black bass keys in 4 rows, 4 sets of hand filed steel reeds. Size 7x15½ inches. Each **$221.00**

G382 - 4 39 black and white treble piano keys, 3 chromatic octaves, 60 black bass keys in 4 rows, 4 sets of hand filed steel reeds. Size 7x17¾ inches. Each **$261.00**

G382 - 5 41 black and white treble piano keys, 3½ chromatic octaves, 96 bass keys in 6 rows, 6 sets of hand filed steel reeds. Size 7¾x18½ inches. This instrument is equipped with an octave coupler mechanical apparatus at the edge of the keyboard by means of which one set of reeds may be thrown on or off. Each **$336.00**

G382 - 6 41 black and white treble piano keys, 3½ chromatic octaves, 120 black bass keys in 6 rows, 6 sets of hand filed steel reeds. Size 7½x18½ inches. This instrument is equipped with an octave coupler mechanical apparatus at the edge of the keyboard by means of which one set of reeds may be thrown on or off. Each **$400.00**

Weidlich and Hohner Accordions



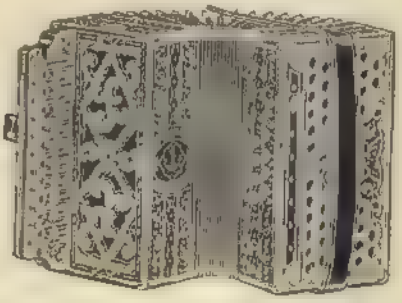
G382 - 7 Weidlich Accordion. Size 4½x9½ inches, fine pearl celluloid black frame with fancy ornamental inlaying, 3 fold bellows, 11 2 chromatic scales, 2 bass keys, 11 nickel plated treble keys, 2 bass keys, 1 set of bronze reeds, correct tuning, nice appearance. Each **$9.86**

G382 - 8 Weidlich Vienna Model single row, 10 keys with pearl buttons, 2 sets of bronze reeds, four bass keys, 12 fold bellows. Patent closers. Each **$15.84**

G382 - 9 Same as G382 - 8 but genuine Steel Reeds. Each **$17.06**

New Hohner Accordion

Italian Model Stradella Style



G382 - 10 Maple and ebony finish, 9¾x11 inches. 16 extra deep folds with nickel corner protectors, upon keyboard, 21 pearl buttons, 3 bass keys, 3 pearl buttons bass keys, 4 sets of steel reeds, nickel clasps and clasps. Handsomely decorated. Genuine steel reeds. Each **$29.20**

G382 - 11 Same as above, but with 12 basses. Each **$44.90**

Tenor Banjo Cases

G382 - 12 Stiff canvas case, leather cloth bound, flannel lining. 12x31 inches inside measurement. Each **$1.06**

G382 - 13 Stiff canvas case, leather cloth bound, flannel lined, extra deep to accommodate overlapping resonator. Each **$4.60**

G382 - 14 The "Utility" case, side opening, Keratol covered, flannel lined, made of stiff chip board by special process. 12½x31 inches inside measurement. Each **$8.20**

G382 - 15 Same as G382 - 14, but extra large and will accommodate 14-inch resonator. Each **$9.46**

G382 - 16 Three-quarter size case, side opening, covered with good grade Keratol, Panama lining, built to fit instrument with 14-inch resonator. Each **$17.92**

Plectrum Banjo Cases

G382 - 17 Stiff canvas case bound with leather cloth, flannel lining to accommodate Plectrum Banjo without resonator. Each **$1.16**

G382 - 18 Utility case side opening, Keratol covered, flannel lined, built to accommodate Plectrum Banjo without resonator. Each **$9.26**

G382 - 19 Utility style Plectrum case same as No. G382 - 18 but deep to accommodate overlapping resonator. Each **$11.34**

(Better Cases on Request)

Band Instrument Cases

Wood shell, black cloth covered, flannel lining, hooked for instrument with [illegible] rings.

G382 - 20 For Trumpet Model Cornet. Each **$11.16**

G382 - 21 For Long Model Cornet. Each **10.10**

For Long Model Cornet

G382 - 22 Canvas leather cloth bound, fleece lined flannel inside pocket for attachments, rings to attach to shoulder strap, patent catches, 17 inches wide. Each **$5.76**

G382 - 23 Black pebbled leather, fleeced flannel lined rings to attach shoulder strap, inside pocket for attachments, patent catches, 17 inches inside. Each **$11.51**

For Trumpet

G382 - 24 Canvas, leather cloth bound, flannel lined, inside pocket for attachments, patent catches, 11 inches inside. Each **$1.16**

G382 - 25 Black pebbled leather, flannel lined, inside pocket for attachments, patent catches, 21 inches inside. Each **$6.30**

Trombone Case

G382 - 26 Slide Trombone Case, made of heavy canvas, stiff lined with nickel fittings, leather strap and handle. End opening. Flannel lined with center pocket for accessories. Each **$8.60**

G382 - 27 Slide Trombone Case, made of fine grade black Keratol stuff and very durable. End opening. Edges bound with leather, with strap and handle. Lined with good flannel, center pocket. Each **$11.66**

WATER BAGS

APPELL'S SOUTH AFRICAN

Made from material having the peculiar property of holding water, and yet exuding enough moisture to prevent the sun from having any effect on water inside the bag, will keep water cool for over 48 hours and if put into bag in the morning and exposed to the sun and air all day, will be cooler at night than it was in the morning. Lower corners are slightly rounded to prevent sediment from accumulating.

DIRECTIONS

Hang in the Air. This causes the water to evaporate slightly. Notice a drop of water on outside of bag continually This prevents the sun from striking the bag and water inside remains cool First and second time filling, water will evaporate quite rapidly, after which bag is O. K Some evaporation is necessary to keep water fresh.

Bag Should Hang Where the Air Will Strike It.

When empty, or its use is not desired, it can be folded up like a towel and carried in the pocket.

REGULAR

With Galvanized Metal Nozzle.

Gals.	1	2	3½	5
Width, In.	9½	11½	12	16
Length, in.	12	15¾	23	23¾
Wt. doz., lbs	7⅔	10	13¾	17
Doz.	$12 00	18 00	24 00	30 00

SANITARY

Opens at the top.
With Galvanized Metal Nozzle.

Gals.	1	2	3½	5
Width, in.	10¾	11½	11½	16¼
Length, in	11½	15¾	23	23
Wt. doz, lbs.	9½	11¾	15⅓	19½
Doz.	$14 00	20 00	27 00	36 00

AUTO STYLE

With Galvanized Metal Nozzle.

Gals	1	2	3½	5
Width, in.	11½	16	24	23
Length, in.	10¾	10¾	10½	16¼
Wt. doz., lbs.	8¾	11½	16	19
Doz.	$12 00	18 00	24 00	30 00

SANITARY AUTO

Opens at the top.
With Galvanized Metal Nozzle.

Gals.	1	2	3½	5
Width, in.	11½	16	24	23
Length, in.	10¾	10¾	10½	16¼
Wt. doz., lbs.	9½	12⅝	16¼	20
Doz.	$14 00	20 00	27 00	36 00

WATER BAGS

STANDARD

DIRECTIONS

Hang in the Air. This causes the water to evaporate slightly. Notice a drop of water on outside of bag continually. This prevents the sun from striking the bag and water inside remains cool. First and second time filling, water will evaporate quite rapidly, after which bag is O. K. Some evaporation is necessary to keep water fresh.

Bag Should Hang Where the Air Will Strike It.

When empty, or its use is not desired, it can be folded up like a towel and carried in the pocket.

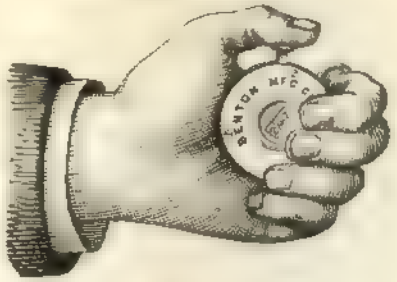
REGULAR

One of the highest grade and best wearing bags on the market. Guaranteed to hold water and keep it pure and cool. Made of heavy imported Scotch Flax, especially woven for this purpose, by one of the oldest and best known linen mills in Scotland. Double stitched throughout, all metal parts absolutely rust proof; every bag inspected, extreme care being taken to see that all bags are perfect in every way. We recommend this bag and can guarantee it to give satisfaction. All materials used in this bag are of the best obtainable.

With Galvanized Metal Nozzle.

Gals.	1	2	3½	5
Wt. doz., lbs.	8	10	13½	16
Doz.	$10 00	15 00	20 00	25 00

TALLY REGISTERS



Simple in construction and can be carried in the pocket; is about the size of an ordinary watch and weighs about 6 ounces. For use where a correct count is desired to be kept. Can be set to zero at will.

No. 0. Tallies 1 to 1000.... ..... Each $5 00

No. 1. Tallies 1 to 10,000. .... Each 6 00

ALARM TILLS

TUCKER'S

No. 537. Oak front, varnished; 4¾ inches high, 16½ inches deep and 19 inches wide. Specie tray bowls, 3⅝ inches diameter; bill spaces, 3½x8 inches; improved lock, 32 changes. Wt. doz., 160 lbs. .....Dozen $84 00

Half dozen in a crate

GLASS CASTER CUPS

No. 2544. Diameter inside of cup, 1⅝ in.; greatest outside diameter, 2⅞ inches. Wt. doz., 3 lbs. ..Single Dozen $1 00

One gross in a carton.

No. 2546. Diameter inside of cup, 2⅛ in.; greatest outside diameter, 3 inches. Wt. doz., 4 lbs. ....Single Dozen $1 25

One gross in a carton.

No. 2547. Diameter inside of cup, 3⅛ in.; greatest outside diameter, 4 inches. Wt. doz., 8 lbs. Single Dozen $1 75

Half gross in a carton.

1930 DEMANDS EXTRA VALUE

No longer does the consumer just buy a doll—exhaustive shopping and careful selection is the rule in the search for the doll with the extra value. Now, as always, you will find "a little more quality at a little less than you expected to pay" in the 1930 line of

"ARRANBEE" DOLLS

on display at

HOTEL MORRISON—ROOM 726

During the Chicago Toy Fair

See these new BABY-MAMA and NOVELTY DOLLS and judge for yourself

ARRANBEE DOLL CO.

894 Broadway New York City

We will appreciate your courtesy in mentioning PLAYTHINGS.

General phonographs bring more customers to the TOY DEPARTMENT

The Master de Luxe Console. Height, 17½", width, 18¼"; depth, 13¾"; weight, 35 lbs.

GENERAL PHONOGRAPHS

IN every way, the new improved Master de Luxe Console Phonograph for children *is* a big success. Everywhere, the response *is* ahead of expectations. There are three good reasons.

The superbly rich and accurate tone, strong, full volume and absolutely uniform running of the Master de Luxe justify the highest interest and enthusiasm. The famous dependability of General-built high quality motors insures unfailing service with satisfaction. And in a glance, every progressive-minded customer sees perfection in the new improved Master de Luxe console cabinet.

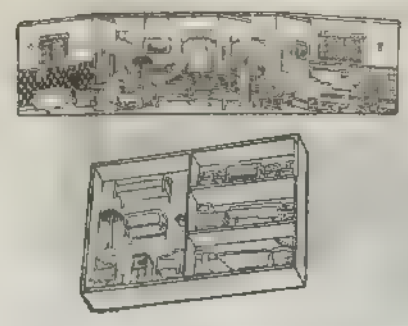
With our regular standard Master Junior spring motor mechanism, list $22.50. Color choice: Ivory, blue or green, handsomely decaled. Responsibly guaranteed. Write today for sample, discounts and terms.

The GENERAL INDUSTRIES CO.

2916 Taylor St., Elyria, Ohio

DOLL FURNITURE

TOOTSIETOYS



Doll House and Furnishings.

Heavy container board walls, heavily coated and oil colored; very easily assembled.

Contains kitchenette, breakfast room, living room and bath completely furnished with Tootsietoy metal furniture.

Per Doz

No. 123—Wt per doz 36 lbs.....$90 00

One in cardboard box.

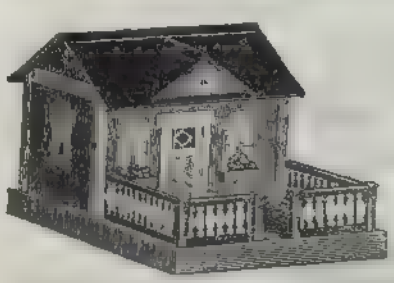
DOLL HOUSES

Fibre board on wood frame, finished in cream with red roof and green trimmings; door in front; large opening on side; artificial window flowers; ornamental fence in front.

Per Doz

No. 464—Size base 9x9 ins; height 7 ins.....$36 00

One in cardboard box; wt per doz 16 lbs.



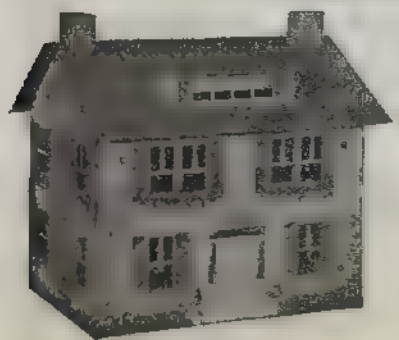
Fibre board on wood frame, finished in orange trimmed in blue; door in front; large opening on side; artificial window flowers; yard has ornamental fence on three sides, with opening for gateway; artificial flowers around border of walk; yard folds back under house.

Per Doz

No. 468—Size of base with yard open 13x9 ins; height 7 ins.....$54 00

One in cardboard box; wt per doz 21 lbs.

TOOTSIETOYS



Heavy container board, painted in eight washable oil colors; especially designed to be used with Tootsietoy Doll Furniture. Contains two rooms and bath up stairs and two room and kitchen down stairs; easily assembled by placing metal fasteners in the holes which are plainly marked.

Per Doz

No. 12—Size 19½x11½x16 ins.....$78 00

One in cardboard box; wt per doz 5½ lbs.

BATH TUBS ON STANDS

D 7

Tin tub and stand, brown and gold finish; white inside; brass faucet and bucket; with bisque doll in sitting position.

Per Doz

No. M14—Size tub 5¼x2½ ins; height 5 ins; wt per doz 3 lbs.....$ 6 30

No. M15—Size tub 7x3 ins; height 6 ins; wt per doz 4½ lbs.....12 75

One in cardboard box.

WASH STANDS

Metal, painted white, decorated in pink and gold trimmings, with mirror on high back. Small water set consists of china basin and pitcher.

Per Doz

No. M35—Height stand 3½ ins; height over all 6½ ins.....$12 75

One in cardboard box; wt per doz 4 lbs.

SCALES

All metal, decorated in green with gilt container which automatically works indicator showing different weights.

Per Doz

No. M38—Height 6¼ ins; width 4½ ins; depth 2¾ ins.....$13 50

One in cardboard box; wt per doz 5 lbs.

CAST IRON TOYS

ARCADE

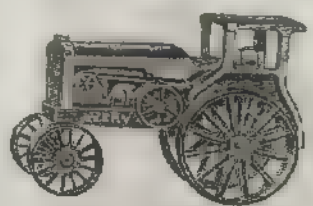
LAWN MOWERS

Cast iron wheels, frame and blades, painted red, green and bronze. Turned wood handle and grip.

Per Doz

No. M565—Diam wheels 3⅝ ins; width 8½ ins; length handle 26½ ins $25 50

One doz in carton; wt per doz 18 lbs.



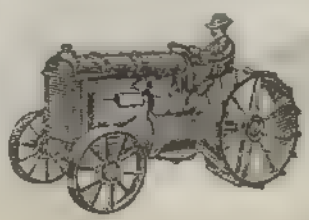
AVERY TRACTORS

Cast iron body, painted grey, gold line decorations; red wheels.

Per Doz

No. M277—Length 4⅛ ins; height 3⅛ ins; width 2¼ ins.....$6 30

Half doz in cardboard box, six doz in carton; wt per doz 5½ lbs.



FORDSON TRACTORS

Cast iron body, painted grey trimmed in gold, red wheels. Equipped with lug type wheels.

Nos.	M274	M275
Length, ins	4¾	6
Width, ins	2½	3¼
Height, ins	2⅞	4¼
Wt doz, lbs	4½	6
Per Doz	$6 60	12 75

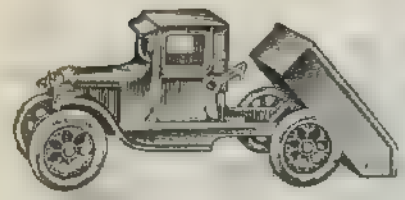
One in cardboard box, two doz in carton.

CAST IRON TOYS

ARCADE

FORD DUMP TRUCKS

In Assorted Colors.



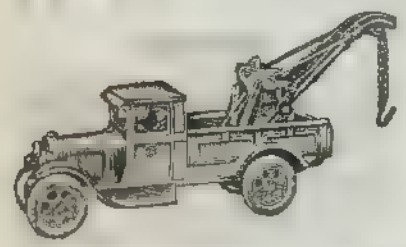
Cast iron painted, in assorted colors red, green and blue chassis with a contrasting color on dump box. Operates like a real dump truck. Steel wheels, gilded to represent rubber tires.

Per Doz

No. 219—Length 7½ ins; width 2¾ ins; height 3⅛ ins; wt 18 lbs. **$13 50**

One in cardboard box, three doz in carton; wt per doz 18 lbs.

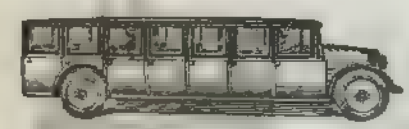
WRECKER TRUCKS



Cast iron body painted red, green crane. Removable crane securely mounted on truck. Chain drawn on drum by a crank and held in place with ratchet.

Nos.	M217	M215
Length over all, ins.	7⅞	8¼
Height, ins.	2⅝	5¾
Width, ins.	3⅜	3¼
Wt doz, lbs.	6½	10
Per Doz.	**$13 50**	**25 50**

One in cardboard box, three doz in carton.



Cast iron, painted, in assorted colors of red, green and blue, gold stripe decorations. Disc steel wheels silver gilded to represent rubber tires.

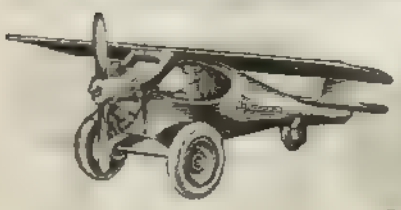
In Assorted Colors.

Nos.	M311	M308
Length, ins.	6	8
Height, ins.	2⅛	2⅛
Width, ins.	1¾	2⅛
Wt per doz, lbs.	10	16
Per Doz.	**$6 60**	**12 75**

One in cardboard box; three doz in carton.

AIRPLANES

In Assorted Colors.



Cast iron in assorted colors of red, blue and aluminum. Steel wheels to represent rubber tires. A splendid reproduction of the well known monocoupe plane.

Per Doz

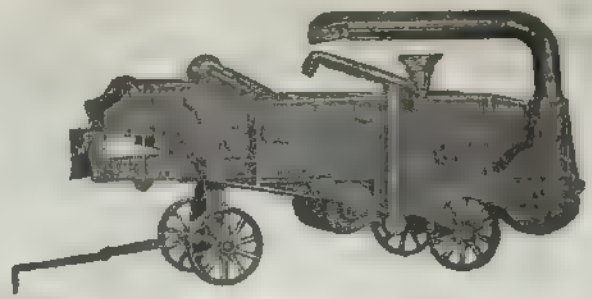
No. 354—Length 4¾ ins; width 4 ins; height 1¾ ins **$6 60**

One doz in cardboard box; wt per doz 6½ lbs.

CAST IRON TOYS

ARCADE

McCORMICK—DELIVERY THRESHERS



In Assorted Colors.

Cast iron, painted in assorted colors of red, green and blue, gold trimming. Nickel finish wheels and stacker; red grain pipe. Works like a real thresher, stacker extends, grain pipe swings out.

Per Doz

No. M450—Length over all 9½ ins; with stacker extended 17¼ ins; width 2⅞ ins; height 5¼ ins **$25 50**

One in cardboard box, one doz in carton; wt per doz 36 lbs.

FOOD CHOOPERS

Cast iron, bright finish. A dainty copy of the grown up utensil.

Per Doz

No. M635—Size 4¾x2¾ ins **$5 25**

Half doz in cardboard box, six doz in carton; wt per doz 5 lbs.

GAMES

RIFLE GAME

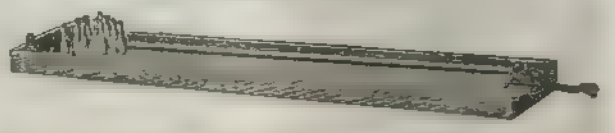
Consists of stained hardwood wedge shaped range board with cast iron pivoted images that will drop when struck by marble from gun and spring back type gun. Complete with marble shot rules and regulations for playing and scoring game.

Per Doz

No. M877—Length over all 25 ins **$19 50**

One in cardboard box, one doz in carton; wt per doz 21 lbs.

BOWLING ALLEY



Consists of varnished hardwood board with nickel plated cast iron spring back type gun, 10 ten pins two marbles and score sheets. Complete with rules and regulations for playing.

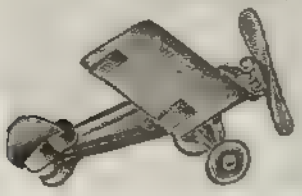
Per Doz

No. M872—Size board 29x6¾ ins **$25 50**

One in cardboard box, one doz in carton; wt per doz 24 lbs.

IRON TOYS

AEROPLANE, Spirit Of St. Louis.

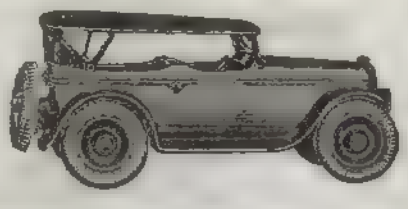


Per Doz

No. 9767—Aluminum finish, nickel plated wheels; length 5¾ ins; height 2⅛ ins..... $6 30

Half doz in cardboard box; wt per doz 10 lbs.

LINCOLN TOURING CAR

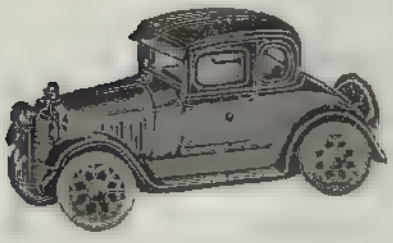


Per Doz

No. M46—Gray body; aluminum wheels; non-skid tires; extra detachable wheel; length 7 ins; height 3 ins; width 2¼ ins $12 00

One in cardboard box; wt per doz 21 lbs.

FORD COUPE



Per Doz

No. M47—Assorted colors; red, orange and blue body; nickel plated wheels; non-skid tires; length 5½ ins; height 2⅞ ins; width 2 ins...$6 30

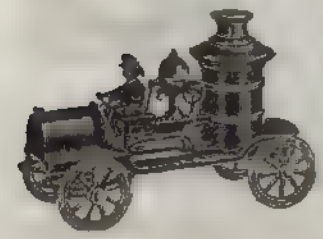
Half doz in cardboard box; wt per doz 15¼ lbs.

FORD TRUCK

Per Doz

No. M57—Red enamel body, gold wheels; length 7¼ ins; height 3½ ins; width 2⅛ ins $12 00

One in carton; wt per doz 18 lbs.



Body red enamel, wheels gold.

No.	73
Length, ins	8
Height, ins	5
Width, ins	2½
Wt per doz, lbs	18
Per Doz	$10 50

Half doz in cardboard box.

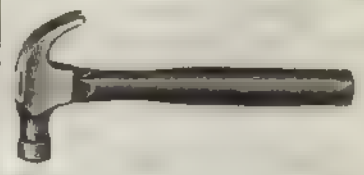
TOY HAMMERS

Per Doz

No. M15—Round neck and poll; silver finish; smooth hardwood handle; length of handle 10 ins. $2 40

Two doz in cardboard box; wt per doz 4 lbs.

TOY HAMMERS



Per Doz

No. M725—Cast, half polished and nickel plated; black enameled handle..... $4 80

One doz in cardboard box; wt per doz 6 lbs.

TOY HATCHETS

Per Doz

No. M10—Gold bronze body and poll; polished bit; smooth hardwood handle; width of bit 2 ins; length handle 8 ins. $2 40

One doz in cardboard box; wt per doz 3½ lbs.

Per Doz

No. M101—Polished blade, gold bronze head; hardwood handle 11 inches long; width of bit 2 ins. $4 50

One doz in cardboard box; wt per doz 7½ lbs.

TOY BANKS

Per Doz

No. 48—Finished in gold; length 5¼ ins; height 4 ins $4 05

One doz in cardboard box; wt per doz 8 lbs.

Per Doz

No. 58—Trimmed in gold bronze; length 6¼ ins; height 4⅞ ins $6 75

One in cardboard box; wt per doz 15 lbs.

CIRCUS ASSORTMENTS

Per Doz

No. 50—Assortment consists 2 each of the following: gold bronze lion, black horse and silver finish elephant, mounted on metal base $6 30

Half doz in cardboard box, assorted; wt per doz 11 lbs.

TOY REGISTERING BANKS

USAVEA PENNY

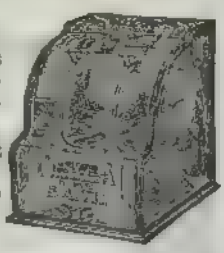
Decorated with Normandy landscape design in colors. Registers and adds pennies only. Opens automatically when one dollar has been registered.

Per Doz

No. 1—Height 3¼ ins; depth 3⅞ ins; width 3¼ ins..... $26 25

One in carton; wt per doz 6 lbs.

USAVEA DIME



Normandy landscape design. Registers and adds dimes only. Opens automatically when ten dollars have been registered.

Per Doz

No. 10—Height 3¾ ins; depth 3⅞ ins; width 3¼ ins..... $25 50

One in carton; wt per doz 6 lbs.

LUCKY

Case beautifully lithographed in colors. Registers nickels, dimes and quarters. Opens automatically when ten dollars have been registered.

Per Doz

No. 100—Height 5⅛ ins; depth 5⅛ ins; width 4 ins..... $57 00

One in carton; wt per doz 24 lbs.

SAVING BANKS

Nickel plated steel case and handle; safety coin slot, money cannot be shaken out; round slot for depositing bills; one nickel plated steel key.

Each

No. 75—Size 3½x2¼x1¼ ins.. $2 65

One in cardboard box; wt per doz 6 lbs.

Steel case, oxidized copper finish; safety coin slot, money cannot be shaken out; round slot for depositing bills; one nickel plated steel key.

Per Doz

No. 40—Size 4x3x2 ins..... $19 50

One in cardboard box; wt per doz 8 lbs.

TOY CASH REGISTERS

UNCLE SAM'S

Sheet steel, mahogany finish. Operates on the same principle as a large cash register. When key is pressed the amount is shown on flasher, the bell rings and cash drawer opens.

Registers $1.00, 50, 25, 10 and 5 cents. Complete with 20 metal tokens representing money.

Per Doz

No. 2—Height 4¾ ins; depth 5⅛ ins; width 4¾ ins; cash drawer 3⅛x2¼ ins..... $39 00

One in lithographed cardboard display box; wt per doz 18 lbs.

TOY TELEPHONES

Wood base fastened to nickel plated base; wood base and standard black enameled. Equipped with adjustable tranamitter, celluloid disc, green mercerized cord and nickel plated bell that rings when receiver arm is pulled down. A reproduction of a standard desk telephone.

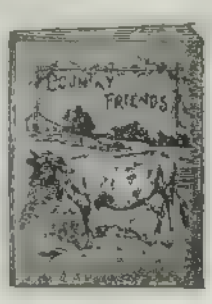
Per Doz

No. M500—Height 7½ ins; base 3½ ins..... $12 75

One in carton; wt per doz 9 lbs.

STORY BOOKS

FLEXIBLE PAPER COVER



Six popular titles, each book contains 12 pages, 5 of them in color and colored covers. Titles are: Animal Pictures for Little Ones, A Visit To Animal Land, Country Friends, Farmyard and Forest, Fur and Feathers and Little Folks Book of Animals.

Per Doz

No. 113—Size 9½x9 ins..... $1 20

(Sold in full pkg lots only.)

One doz ass't in pkg; wt per doz 1 lb.

Flexible Paper Cover.

Six popular titles, printed with two color illustrations on text pages and four colored plates in each book. Titles are: Jack and The Beanstalk, Rip Van Winkle, Jack the Giant Killer, Robin Hood, Ali Baba and Aladdin.

Per Doz

No. 110—Size 6½x9 ins..... $1 35

(Sold in full pkg lots only.)

One doz ass't in pkg; wt per doz 1¼ lbs.

Flexible Paper Cover.

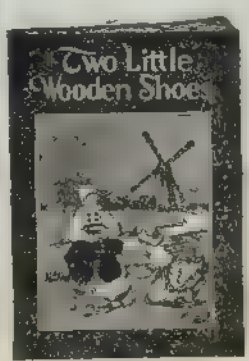
Four popular titles, text pages illustrated with black and white pictures; four colored plates in each book. Titles are: Puss in Boots, Tom Thumb, Apple Pie A. B. C. and The House That Jack Built.

Per Doz

No. 176—Size 8¼x11½ ins..... $2 25

(Sold in full pkg lots only.)

One doz ass't in pkg; wt per doz 1½ lbs.



Flexible Paper Cover.

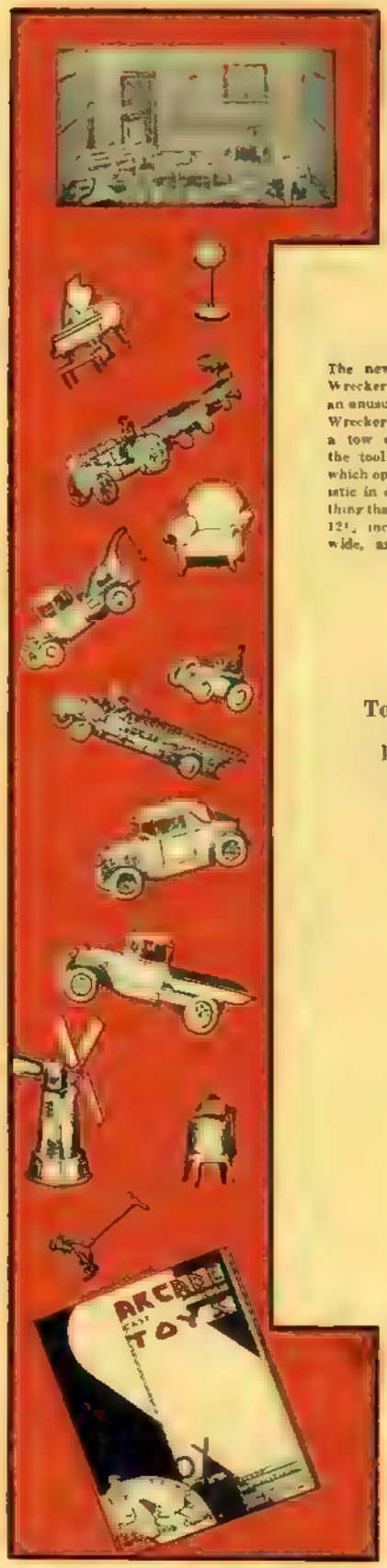
Four popular titles, each book contains 12 pages, six in color and colored covers. Titles are: Two Little Wooden Shoes, Alphabet of Country Scenes, Mother Goose and Night Before Christmas.

Per Doz

No. 175—Size 8¼x11½ ins $2 40

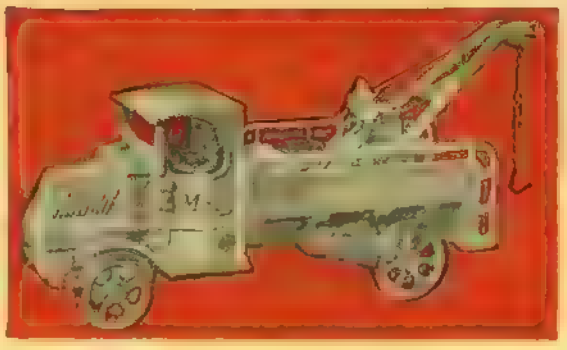
(Sold in full pkg lots only.)

One doz ass't in pkg; wt per doz 1½ lbs.



To Know Profitable Results!

The new combination Mack Wrecker and Service Car is an unusually good value. The Wrecker actually works and a tow chain is supplied in the tool box that has a lid which opens and closes. Realistic in every detail. Just the thing that will please the child. 12½ inches long, 4¾ inches wide, and 6½ inches high.



To buy Arcade cast iron Toys is to buy nationally advertised products that have been known for years for their lasting qualities and durability. To know that the trade-mark on every Arcade Toy assures the purchaser that a reputable company is back of each toy, and is aiding the dealer by advertising his goods nationally. To know that each sale of an Arcade Toy is just a leader for many more sales of sister items. To know all this insures the dealer that he may carry Arcade Toys the year round with continuous profitable results.

It has been proved.

ARCADE CAST IRON TOYS

ARCADE MANUFACTURING CO.

FREEPORT, ILLINOIS

NEW YORK 200 Fifth Ave. | DALLAS | J. T. ROWNTREE
CHICAGO 553 W. Randolph | D. D. Olstott Inc. Santa Fe Bldg. | Los Angeles | Seattle
BOSTON | WINNIPEG CANADA | San Francisco | Denver
A. T. Ott 111 Summer St | J. F. Christie, 125 Phoenix Bldg. | Salt Lake City | Portland

Toys and Novelties

JUNE, 1930

"They Look Real"

To The Fair With ARCADE Cast Iron TOYS

CHICAGO TOY FAIR

April 28—May 10

PALMER HOUSE - Room 797

KNOW the toys you buy will go over with the children for whom they are made. Make sure the salient traits of your Toys are the ones that will make them the best sellers. ¶ARCADE Cast Iron Toys will meet any test you put them to. They are strongly built and hard to break. Each toy looks real in its representation of some item with which the child is familiar in his or her every day life. They are simple in construction with no parts on them that will injure the child. Baked, colored enamel finish gives them a lasting luster that appeals to children, and a prominence on the counter or in the window that draws attention. ¶The dealers who realize the fine selling qualities of ARCADE Toys are displaying them in their permanent all year 'round toy departments. Now is the time to place your order for immediate delivery; and visit the ARCADE Toy display at the Chicago Toy Fair.

Made
By the Tiny Arcadians

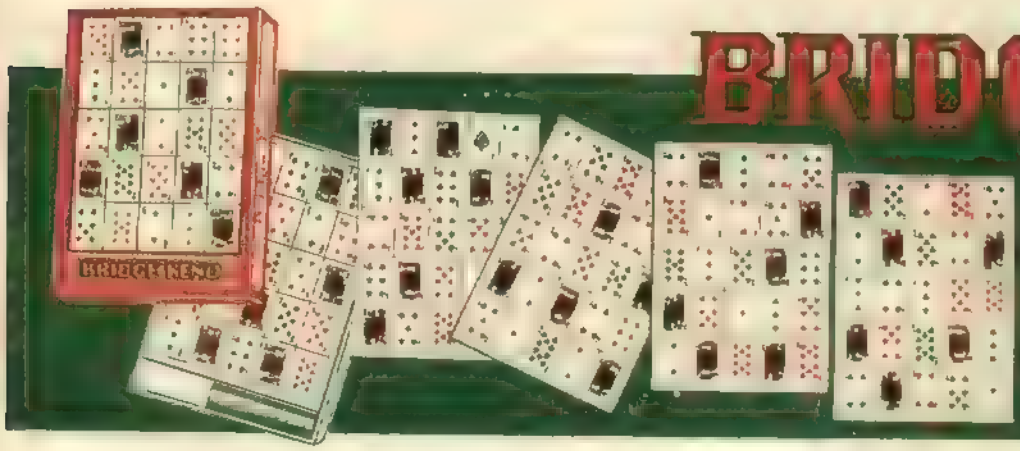
ARCADE MANUFACTURING COMPANY

FREEPORT, ILLINOIS

NEW YORK . . . . 200 Fifth Ave.
CHICAGO . . . . 553 W. Randolph
BOSTON
A. T. Otis . . . . . 111 Summer St.

DALLAS
D. D. Outott, Inc. . Santa Fe Bldg.
WINNIPEG, CANADA
J. F. Christie . . . 125 Phoenix Bldg.

J. T. ROWNTREE
SAN FRANCISCO DENVER
LOS ANGELES SEATTLE
SALT LAKE CITY PORTLAND



BRIDGE KENO

The New BRIDGE GAME for Everybody

There's only ONE Bridge Keno

REG. U.S. PAT. OFF.

Whenever a game "catches on" with the public—imitations spring up over night! This is happening with Bridge Keno. But remember this! There *can be only one* Bridge Keno. And Milton Bradley is the *only* source from which you can obtain this fast-selling game.

Bridge Keno is the game the public wants. It's the only Keno game with a scoring system like Bridge. It fascinates everybody—grown-ups and children. Has the suspense of poker—the dash of dice. Odd or even numbers up to twelve people can play. Easy to learn but packed with thrills.

Wide-awake dealers who are displaying Bridge Keno are making nice profits. You can, too. Send your order today.

	Retail
4 Board Sets with 100 Discs	$1 00
8 Board Sets with 200 Discs	2.00
12 Board Sets with 300 Discs	3 00

See Bridge Keno at the Chicago Toy Fair
Rooms 731-2-3-4, Palmer House

MILTON BRADLEY COMPANY

SPRINGFIELD, MASS., U. S. A.

New York Office: 221 Fourth Avenue

"Makers of the World's Best Games"

To stimulate mechanical interest, motor driven, featuring 8 colored Arkitoy machines made with standard sets, shipped on memo. invoice on all orders totaling $500.00 net. Billed at actual cost on smaller orders

These interesting Demonstrating Models will Sell ARKITOY for You!

No. 1 Set. List price $1.00. Builds many models. A popular seller. Packed 24 to case. Shipping weight 37 lbs.

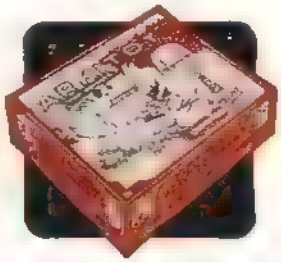
No. 2 Set. List price $2.00. Contains over twice as much material as No. 1. Packed 12 to the case. Shipping weight 32 lbs.

No. 3 Set. List price $3.50. An excellent trade up from smaller sizes and a splendid value. Packed 6 to case. Shipping weight 33 lbs.

STOCK the five popular-priced Arkitoy sets—let these ingenious, realistic models *sell* Arkitoy for you. Built with standard materials — illustrating typical construction and diversity of building range with different sets. You can easily get your cost out of models by putting them on sale one or two days before Christmas . . . . although they are far more valuable as *silent salesmen* that *demonstrate* and sell Arkitoy. Ask your jobber about these models . . . . or write:

Toy Division, G. B. LEWIS CO.
WATERTOWN, WIS.

No. 5 Set. List price $10.00. The latest addition to the Arkitoy line. Packed in sturdy wooden box — 2 to the case. Shipping weight 50 lbs.



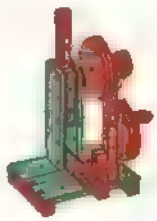
No. 4 Set. List Price $5.00. Contains more materials than No. 2 and 3 sets combined. Packed 6 to case. Shipping weight 45 lbs.

This Assortment of 5 Assembled Models, as Shown, Furnished at Actual Cost . . . .

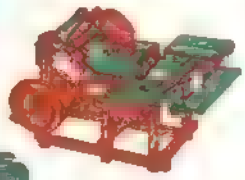
$2.50

Folding Chair (No. 2 set model)

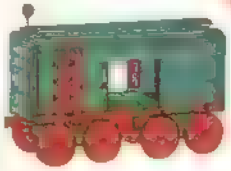
Lawn Swing (No. 2 set model)



Action Toy (No. 1 set model)



Printing Press (No. 3 set model)



Box Car (No. 4 set model)

Hey, Mister! dont forget what I said about getting a flock of these NEW

COLORED ARKITOY

WOOD CONSTRUCTION SETS!

See, there's an outfit a kid can get a real kick out of! You can invent and build more models than you can shake a stick at!- and they teach a fellow to use the old bean! No fooling- I hope someone gives me a set of ARKITOY this year- and maybe they will if they can buy it at your store.

The G. B. Lewis Company, Watertown, Wis. makes ARKITOY

P.S. Look at the keen models on the other side of this page →

Going the Rounds

Alexander Doll Co.'s New Showroom

Alexander Doll Activities

Madame Alexander has been busy welcoming her many friends to her new luxurious showroom. As shown in the accompanying illustration, this showroom is of ample size to adequately display the ever increasing line of Alexander dolls. Easy chairs for the tired buyer are to be found in abundance. Madame Alexander has been busy creating and designing many new and novel specialties in high grade dolls, and she will be found, together with the complete line of Alexander dolls, during the Chicago Toy Fair, in Room 436 at the Morrison Hotel.

Schoepfer Lands a Big One

G. Schoepfer, who provides animal eyes for the toy trade, recently returned from a month's tour of Florida. Schoepfer is an enthusiastic fisherman and in order to substantiate his claim that he could really "land em," he forwarded us the accompanying interesting photo. The fish, he informs us, is a salt water trout that he caught at Titusville, Florida, on the way home from Miami.

The Proof—G. Schoepfer and a Prize from Florida Waters

"Playit With Flowers"

The direct Toy Sales Corp. are offering miniature greenhouses that actually grow flowers, under the trademark of "Playit With Flowers." These greenhouses are strongly built, with steel frames and steel sash, and enameled in colors. They are made in four sizes. The fully equipped greenhouses look just like the real thing, with planting trays, miniature cold frames, iron flower stands, ferneries, garden baskets, garden tools, seeds, soil, etc. Little flower plants grow in enameled pots with red, blue and green saucers. By giving the plants care, sunshine, air and water, children can have blooming plants in a short time. And with the home garden season at hand, amateur gardeners will find the greenhouses useful accessories. Fred W. Kahlke and I. W. Doremus of the Direct Toy Sales Corp. announce that all the toys sold under the trademark of "Playit" are controlled by that concern. Mr Kahlke will be in charge of their exhibit at the Chicago Toy Fair in the Hotel Sherman, where a full display will be made of the lines for which the Direct Toy Sales Corp. are direct factory salesmen.

New Oak Balloon

An addition to the popular variety of striped balloons has just been introduced by the Oak Rubber Company of Ravena, Ohio. The new item is called the Whirlwind balloon, the stripes being printed around the balloon instead of from top to neck as in the other striped series. The center band of stripes is printed in a different color than the bands above and below, lending a very colorful and attractive effect to this number.

New Low Priced Twistums Announced

The Twistum Toy Factory anounces that due to the discovery of new and improved manufacturing methods, it is now possible for them to offer a brand new line of Twistums at lower prices. The new Twistum animals embody the famous Twistum principles in design and construction and are made to retail for $1.00, 50c, and less. With the addition of this new low priced line, Twistum animals are now available for every class of trade. The Messrs. Carlson say that millions of Twistums have been sold, and now that a special line is available at lower prices, they look forward to a greater than ever increase in sales.

Rosebud Game Line Continues to Grow

I. S. Rosen, of the Rosebud Art Co., says they are continually adding new and interesting numbers to their comprehensive line of popular price games. One of their latest game creations is called "Catchem," and is described as the game of "super comedy." Retailing at the popular price of 50c, "Catchem" offers exceptional value. It consists of a solid box and heavy platform with 36 holes, each hole being next to a picture of a fish, frog, etc., four colored agets, one slanty grooved block, 36 picture cards and a score book. The cover is beautifully lithographed in bright colors and varnished. This company has recently issued a catalog illustrating and describing their complete line.

IRVING WECHSLER
B. & W. Sales Organization

ART FLICK

CHAS. BUTCHIN
B. & W. Sales Organization

B. & W. Sales Organization

Announcement is made of the formation of the B. & W. Sales Organization, with temporary offices at 110 E. 176th St., New York City. The members of this firm are Charles Butchin and Irving Wechsler, and they will represent G. H. Hartshorn, Inc., of Gardner, Mass., and the North American Coach Mfg. Co., of Fort Lee, New Jersey. Charles Butchin was formerly a member of the firm of Maerheim Co., acting as sales manager and credit man for that concern. Irving Wechsler has been, for the last five years, connected with the Paragon Furniture Co., representing that concern in Brooklyn. He is a brother of Harry Wechsler, who continues with the Paragon Furniture Co. The B. & W. Sales Organization will act as sole selling agents in the United States for the North American Coach Mfg. Co. This firm makes a variety of high grade baby coaches, and also doll carriages and juvenile desks.

Handy Electric Lantern

The Kas-Kel Electric Co., Inc., of 5 Union Square, New York City, have just put on the market the Daimon Telka Trio, an electric lantern embodying several interesting features. It is made in a handy shape, fitting in the pocket, and also has an adjustable strap from which it can be hung. A slight pressure on a button gives an instantaneous flash, so that the light can be used for signalling. A full push on the same button sets the light for a steady beam, which can be instantly shut off by pressure on another button. The Telko gives a white, red or green light, quickly changed from one to another by the simple movement of a lever. Another feature is a safety lock preventing waste of the battery. The lantern is finished in black, red, blue or green, and is packed in an individual carton, equipped with battery and bulb.

Buddy "L" in Chicago

The Mohne Pressed Steel Co. has opened a Chicago office in charge of E. H. Jones, Director of Sales, with temporary quarters at 58 E. Washington St., Room 1101. The steadily increasing business of the well known Buddy "L" line has made it advisable to open a sales office in the middle western territory.

Permanent Pilliod Display

An office and display room has been opened at Room 436, 200 Fifth Avenue, New York City, by the Pilliod Cabinet Company of Swanton, Ohio, manufacturers of toy and juvenile cedar chests. This office is in charge of Art Flick, who is assisted by Lee Magan. A continuous, permanent exhibit of the complete line of Pilliod toy and juvenile cedar chests is maintained for the benefit of the trade and buyers in the New York area. This exhibit is said to be very unusual, displaying many beautiful, distinctive designs that compose the 1930 Pilliod line.

New Gabriel Mosaics

Samuel Gabriel Sons & Company have made a radical departure in their Mosaic line, which has enjoyed great popularity over a period of several years. Realizing the necessity of bringing this into a modern line of thought to conform with the new standards of education, a new large block, easy for the children to handle and making very definite designs, has been developed, and most brilliantly colored box tops are now offered to the trade. The new arrangement of these boxes enables the child to handle the pieces more easily than in the old double trayed type of box and the larger and more showy size of these boxes offer exceptional value. As a matter of merchandise alone, aside from the educational and entertaining features of the games, they represent splendid value for the money. The new Gabriel Catalog illustrates and describes the entire line.

Jackbilt Playthings

W. F. Gibian, sales manager for the Rochester Folding Box Co., is enthusiastic over the new items which are being made for 1930. This line of Jackbilt Playthings includes play stores, engine houses, play houses, and fortresses. Mr. Gibian will be at the Toy Fair in Chicago, assisted by A. J. Abernethy. Mike Sweyd is in charge of sales on the Pacific Coast. A. Weinberg is connected with the company as designer and will visit the trade in the Eastern States.

Kenton Announces New Toy

The Kenton Hardware Company, of Kenton, Ohio, has just placed on the market a most interesting small cast-iron replica of a Flying Boat. This toy's design is taken from a large model which is in use on one of the well known air transportation lines. It has a "pusher type" motor with a propeller that turns. The openings along the side of the hull and in the front create a realistic appearance as to the wings which are furnished in color or aluminum finish. These toys are finished in beautiful colors, and securely packed in sturdy boxes. For those dealers desiring further information on this and other new Kentontoys, the manufacturers have prepared a new catalog describing them fully. Copies are available to anyone desiring them.

Locate in Merchandise Mart

Eileen Benoliel and William A. Benoliel of Chicago, who for many years have been manufacturing the well known line of Live Long Toys, and operating the Chicago Toy House, announce that after May 1, 1930, they will be located in very spacious quarters on the toy floor of the Merchandise Mart, the new $32,000,000 building just completed in Chicago. They state that they will have some very interesting news to announce next month.

Reiss Marries

Gustave M. Reiss, of the Reiss Mercantile Co., was married February 6th to Miss Eleanor Schoen. They spent their honeymoon in New York, where Mr. Reiss visited the Toy Fair.

At The New York Toy Fair

American Character Doll Co.

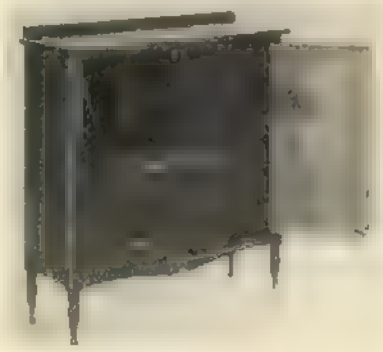
Here is an entirely new novelty doll number, of which the features, character, appearance and "get-up" are different and unusual. This newcomer is made in several sizes, to cover a retail price range of from $2.00 to $5.00. There were also shown on display during the Fair other members of the "Petite" family, which include the Campbell Kids, Puggy (the boy character), and five new numbers in Toddle Tots, to cover requirements in the infant doll field. There was also displayed a complete new line of mama dolls.

Kingsbury Mfg. Co.

This all-metal Zeppelin was displayed by this company during the Fair at Riemann, Seabrey Co., Inc. It is a newcomer and is designed and constructed as both a mechanical and pull toy. The gas bag is finished in gold and mounted on a rubber-tired, four wheel under-carriage which, in turn, is finished attractively in red and white. Among other toys displayed by the company were the racing and cabin-type Silver Arrow Flying Planes, aeroplane construction sets, motor-driven toys, garden sets, kits and trowels.

Toy Corporation of America, Inc.

The pictured item is the No. 454 Deskorobe which was one of the items featured by this company during the Fair. It is 32" high, with a top 27" x 11". This number is a novel combination of desk and chifferobe, one side being used as a desk and the other side for the child's doll clothes, which can be hung up on small sliding hangers. It is made in colors of shaded ivory, green, blue and antique maple. This and the other furniture numbers of this company, which now approximate about eighty items, are made of birch and maple throughout, together with 3-ply veneer backs and bottoms. The feature on the finish is that it follows the latest semi-dull finish such as is now being used on quality furniture items. New special designs, domes of silence on table and chair sets and desks sets are other selling features. Particular attention is also called to the fact that all drop-leaf table sets have the ruled edge feature



Corcoran Mfg. Co.

The illustration shows the new Three Way Dump Truck made by this company. This truck dumps at the back or on either side, with an automatic release of a tail piece, or the side toward which the material is to be dumped. The truck is of heavy gauge steel, 24" long, with rubber tires, and enamel finish. The retail price is $1.25. This and many other items of the line were shown at the salesroom of Strobel-Wilken Co., Inc.

Bing-Wolf Corp.

The illustration shows one of the new cabinet phonographs made by this company. Retail price range is from $2.00 to $20.00. The phonographs can be had in four sizes. The smaller sizes play 7" records, and the larger size can use records up to 10". Exchangeable springs are a feature of this line, which is suitable for department stores as well as wholesale trade.

Educational Card & Game Corp.

"Bild-A-Word for Tots," shown here, is one of the games featured at the Toy Fair by Educational Card & Game Corp. It is made in two models: No. R 1 is 9⅜" x 8" and retails for $1.00—and No. R 2 is 12½" x 9¼", retails for $2.00. These, and "Bild-A-Word Picture Puzzles," apparently intended for the "pre-school educational age," constitute the new numbers of this company. These, of course, are in addition to "Original Bild-A-Word," the game for children and grown-ups, that was very popular in the toy departments of leading stores last year. The line is sold through the department stores and the jobbing trade.

Best Bets

Richmond School Furniture Co.

Litho Plate Combination Table and Educational Blackboard is interesting and instructive. It teaches the child in play hours, develops practical thinking, and aids in working out the child's own problems. Among its many features, this novel blackboard has, in different models, a scroll ranging from ten to forty charts, many of which are in colors. Also, its distinctive finishes, in colors, are brilliant enough to attract, yet subdued enough in tone to blend with the appointments of the home. It is built as a piece of furniture should be—sturdy and graceful. This Combination Table and Educational Blackboard comes in a choice of three colors, with two chairs, to match—Ivory—Jade Green—and Baby Blue.

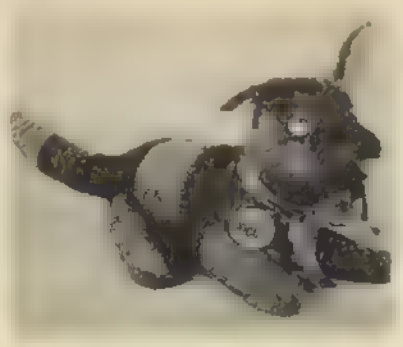
The Litho Plate Line also carries Easel and Wall Blackboards in colors. The easel type comes in a choice of three colors, Chinese Red, Jade Green, Baby Blue, with attractive frames. The scrolls of the different patterns range from 10 charts, 5 in color to 60 charts, 30 in colors. The same characteristics of Litho Plate's regular line are carried out in the above Easel and Wall Board lines—strong—graceful. The regular line finished in natural oak with desk in green enamel, has a scroll range of 10 charts, 5 in colors, to 60 charts, 30 in colors.

Strobel-Wilken Co., Inc.

A new 50c airplane was selected from this line as one of the leading items. It is made of heavy gauge steel, the toy being 20" long, with a wing spread of 18". It is provided with a moving propeller, and painted in attractive colors. Suitable for wholesale, chain store and popular price trade.

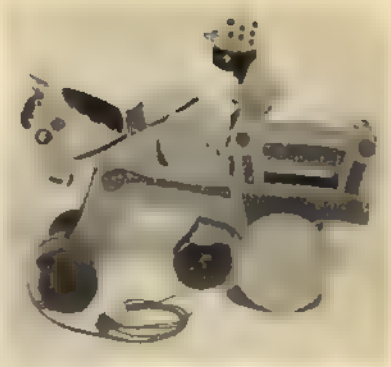
Continental Toy & Novelty Co., Inc.

"Famous Radio Dogie," the pathetic and comical canine known to youngsters wherever radio is known, is the newcomer featured this year by this company. He is 18" long, 10" high and, when his tail is squeezed, produces a familiar bark. Other numbers shown in the Continental display covered all requirements in the stuffed toy line, with particular emphasis being placed by the manufacturer on the popular priced numbers for the jobbing trade and quantity buyers.



Helvetic I. & M. Corp.

This imported Swiss whistling figure, in hand-carved wood, represents a Scotch Highlander with bagpipes. He whistles the familiar Scotch tune, "The Campbells Are Coming." This is well made and is sold with a life-time guarantee. Priced from $35.00 to $50.00, this is a department store item. Other Helvetic products show this same whistling figure in West Point Cadet and Boy Scout.



Bumpa Toys

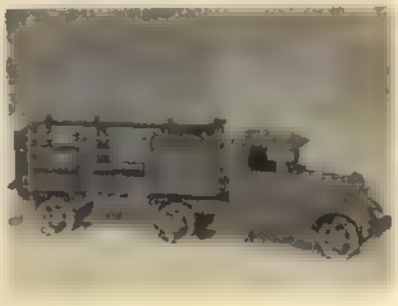
This is a new line of toy novelties for boys and girls. Sam and Henry, which is illustrated, retails at 50c. The mule acts in the way a mule should by kicking up his heels and trying to wreck the cart, while Sam drives in the most energetic manner. This line includes many items from tiny animals to a complete Noah's Ark De Luxe with 32 colored animals.

N N Hill Brass Co.

Duplicating in every detail the latest French-type house telephone was the number featured by this company in their display at Riemann, Seabrey Co., Inc. It is highly finished in enamel and nickel and is made in sizes to retail at 25c, 50c and $1.00. Shown along with this were the bell toys, complete line of telephones, reins and ringing bells of every description.

The A. C. Williams Co.

The Coast-to-Coast Truck, with trailer body, is 10¾" long and 3" high, comes with assorted red, green and blue bodies, at prices from 25c up, and sell to chain stores, jobbers and the department store trade. The products of this company include iron toys of all kinds, which sell at from 10c to $1, as well as a line of hammers, hatchets, etc.



"So that's why I say that a rival 'rooter' is always a fine salesman

Cowen chuckled as he told this yarn, and said, "It does seem to pay to do your own stuff and to let the other fellow do his."

The Evolution of a Toy Plant—Moline Pressed Steel Co. Now Buddy "L" Mfg. Co.

Started originally on a capital of $1,500, what might be termed the proverbial shoe-string by its founder, Fred A. Lundahl, and today one of the outstanding toy manufacturing concerns. Wherever toys are sold, Buddy "L" Quality Steel Toys are recognized as representing originality, quality and skilled workmanship. The concern was started originally to manufacture automobile fenders and kindred lines and the conversion to a toy plant might be considered almost accidental.

Mr Lundahl's desire to make up something new and different in the way of a toy for his then little boy prompted him to design and produce an all-steel truck, which, in miniature, reproduced the real article in every respect This toy created such a desire in the minds of other youngsters in the neighborhood that the parents began to importune Lundahl to make some for their own youngsters This demand growing prompted the thought, "Why not make a number of similar items for the toy trade?" This was done; however, the reception accorded Lundahl at the first showing of these toys, namely, the Toy Fair in 1922 was far from encouraging Seasoned toybuyers with years of experience claimed they would not sell on account of the price, stating the public would not pay such heretofore unheard-of high prices for toys.

However, a few venturesome buyers bought a small selection and Lundahl doggedly kept on with the result that to everyone's astonishment in the short period of two years the plant was swamped with orders and expansion became necessary

Competition also came, which was natural. However, the business has continued to grow to the extent that it became too burdensome for one individual, consequently a reorganization took place July 1 of this year and the name of the company was also changed to the Buddy "L" Mfg. Co. to bring about a closer tie-up with the name of its products, which are known as Buddy "L" Toys, having been named after Mr. Lundahl's son, who is affectionately called Buddy Lundahl, and a new organization was formed with the following officers:

J. W. Bettendorf, president. Mr. Bettendorf is one of the leading industrialists of the Tri-Cities and nationally known as a successful manufacturer and financier, being at the head of a number of large manufacturing plants, among which are the Bettendorf Company, builders of all-steel railroad cars and steel underframes; the Bettendorf Foundry, Westen Chippewa Pump Company and others.

Fred A. Lundahl, vice-president, in charge of origination and manufacturing

R. F. Valentine, vice-president, in charge of sales and advertising

F. J. Bettendorf, secretary and treasurer E. J. Bettendorf is the son of J. W. Bettendorf and associated with his father in the various enterprises.

New Window Counter Card Free With Liberty No. 10's

A new combination window and counter card, designed to capitalize on America's outboard motorboat fever, and providing an excellent tie-in with Liberty's Outboard Sea-Scooter number, is to be included free of charge with every dozen Sea Scooters, according to an announcement received recently from George O Benson, sales manager of Liberty Playthings, Inc., of Niagara Falls, New York, manufacturers of the popular Liberty Playboat line. This new card incorporates a splendid action photo of an outboard motorboat race as a main illustration, and is made of heavy bristol-board A unique feature of this compact display is the ingenious method in which the bottom of the card folds out to form a ledge to hold the Sea Scooter itself. When slipped into the slot on the left of the ledge the boat assumes a realistic racing pose, accented by the die-cut waves and spray in its wake. An easel for erection on counter or in window folds flat against the back. Total height when erected, 12 inches; width, 13½ inches. Shipped flat complete with directions. Dealers desiring the new Liberty display for tying in to outboard motorboat regattas, races or general promotion work may obtain one free with every order of one dozen of the popular No. 10 Liberty Sea-Scooter Requests for additional displays will be granted unless quantity is too quickly exhausted Dealers who have ordered Sea-Scooters before the counter card was off the press may secure one by writing to the factory.

Lionel Corp. Opens Chicago Office in New Merchandise Mart

In order to better serve their trade in the Midwest, the Lionel Corporation of New York, because of an ever-increasing volume of business in Lionel electric trains and accessories, Lionel electric ranges for girls, announce the opening of a Chicago branch office located in the Merchandise Mart

Mam-A-Car Changes Name and Management

Two very important changes have recently taken place in the name and management of the Mam-A-Car Corporation.

The company will hereafter be known as the Elmhurst Mfg Corp., manufacturers of Mam-A-Cars, children's vehicles and toy specialties.

E. G. Leach, the well known toyman

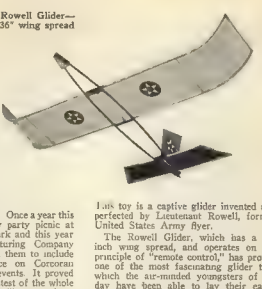
who formerly had charge of the New York sales office of the H. C White Co., has become vice-president and general manager.

Mr. Leach, who is a graduate of Carnegie Institute of Technology, spent several years with Stone & Webster Engineering corp. With this background and his wide experience in selling and manufacturing, he states he will put all his efforts into improving the company's line. Mr Leach also states that their 1931 line will be all set with new merchandise and prices during the very early part of 1931.

Miss R. Prager, who was associated with Mr. Leach in former years, is also with Elmhurst Mfg Corp., acting as Mr. Leach's secretary

Window and counter cards issued by Liberty Playthings, Inc.

"Our Gang" of movie fame



Rowell Glider—
36" wing spread

A Remarkable Film Library

The most complete library of exhibition films for home projection is that released by Pathé Exchange, Inc.—the Pathé 9.5 mm Film Library.

It contains over 400 subjects, dramas and comedies featuring famous screen stars, the ever popular "Our Gang" Comedies and a full list of sports and educationals, on either 30- or 60-foot reels.

Perhaps the most astonishing feature of the Pathé 9.5 mm. Film Library is the "picture length" of these small and compact reels. Each picture is a complete story with main title, sub-titles and end title. These pictures are not to be confused with the "short strips" without titles usually sold with cheap projectors.

Pathé releases the same picture on both 9.5 mm. and 16 mm. film. On 9.5 mm. film (40 frames to the foot) the picture costs $1.75 and on 16 mm film (40 frames to the foot) the picture cost $7.50, a distinct saving of $5.25, yet the "image" of the 9.5 mm. film when projected at the same distance is larger than that of the 16 mm. film. At a distance of only 9 feet the 9.5 mm. film gives a brilliantly clear picture 30 inches wide.

Because the Pathé 9.5 mm. Exhibition Films provide outstanding home entertainment at low cost, we predict that stores and toy departments throughout the country will enjoy substantial profits from the sale of these popular films, the universal choice of home movie enthusiasts.

Corcoran Mfg. Co. Devises New Schemes for Their Line

One, Two, THREE! And they're off! Yes sir, it's a real race for the kiddies under 10 years of age. What better publicity could you get? This clever method of introducing a new line of juvenile vehicles was used by the Corcoran Manufacturing Company of Cincinnati in conjunction with the Cincinnati Times Star, a local newspaper. Once a year this paper sponsors a family party picnic at Rainbow Amusement Park and this year the Corcoran Manufacturing Company made arrangements with them to include a big Sweepstakes race on Corcoran Toys, among the other events. It proved to be the outstanding contest of the whole affair, boys and girls alike participating—the first and second winners receiving as prizes a hobby horse (Black Beauty) and an airplane (Red Bird). The photo reproduced here shows the line-up of the race. There is no question about these toys taking after seeing the enthusiasm of the youngsters at this annual affair. It was the only event of the day that had an over supply of entrants.

Truck Load of Corcorans

Another worth while idea was loading a truck with the toys to be used in the race and driving it about town in the morning of the day of the picnic. In the downtown section, especially in front of the stores with window displays, large crowds gathered and the driver estimated their number, in one instance, to be at least one hundred people. As soon as it was known, the names of the winners of the race appeared on small cards in each of these downtown display windows.

This is one of the cleverest publicity stunts that has ever been brought to our attention and we pass it along to wholesalers and dealers for what it is worth. Keen merchandising practices, in vogue today, demand original ideas to sell toys or any other merchandise; the idea presented here could be worked to good advantage in many other cities.

J. L. Wright, Inc., Adds Rowell Glider to Enlarge Their Line

The Lieutenant Rowell Glider has been acquired by J. L. Wright, Inc., 1443 Merchandise Mart, Chicago, manufacturers of Lincoln Logs and Lincoln Bricks. This toy is a captive glider invented and perfected by Lieutenant Rowell, former United States Army flyer.

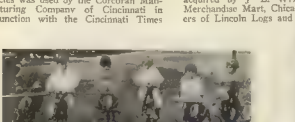
The Rowell Glider, which has a 36-inch wing spread, and operates on the principle of "remote control," has proven one of the most fascinating glider toys which the air-minded youngsters of today have been able to lay their eager hands on. Its immense popularity as an aviation toy is based not only on a long-lived fun-value and excellent performance in flight, but also on the fact that it has been scientifically designed according to the most approved and modern theories of aero-dynamics. And, of course, as everyone knows, the attention of the whole world is right now focused on gliding and various forms of motorless flight.

Lieutenant Rowell, whose record of 2600 flying hours as an army pilot and instructor without a single serious mishap is outstanding among U. S. Army aviators, has designed the glider with three things in view: scientific construction, long life, and real fun in flying it.

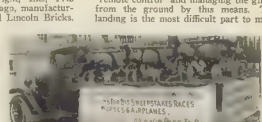
The toy is so designed as to be inherently stable, that is, when tilted or turned by "air pockets" or "up winds" it immediately rights itself as soon as the disturbance is past. This is a problem which must be constantly met in actual flight and one that has perplexed builders of toy planes and gliders for a long time.

It has a tough, light fuselage and well built wing, made of Airplane Spruce, with up-curved tips, the wing surfaces being covered with a light but strong aviation fabric. A clever bit of planning of the wing and tail mountings reduces the number of the construction and helps prevent injury to the toy in a careless flight among a poor landing.

With each glider are detailed instructions regarding assembly, taking off into the wind, the proper size thread for the "remote control" and managing the glider from the ground by this means. The landing is the most difficult part to man-



Lined up for a race on Corcoran wheel toys



A truck load of Corcoran Green Arrow wheel toys

All Year Sellers

Shaw Doll Co., Inc.

Pictured here is what is described by the manufacturer as an ideal jobbing number. It is 25" high, with moving eyes, eyelashes, teeth and tongue. It has composition legs and comes in costume assortments of six to a dozen, made to retail for $3.00. Featuring the possibilities of the line for the jobbing trade and quantity buyers, this exhibitor showed a complete assortment of infant, mama and novelty dolls, embracing seventy-five different numbers and running in retail price from 25c to $10

National Sewing Machine Co.

Outstanding in the line of "Vindex" Iron Toys, which were on permanent display in the showrooms of H. F. Mack & Bro., Inc., was the Steam Shovel number pictured. Finished in brilliant red and green, 14 inches long and 10 inches high, this number retails for $5.00. Other featured iron toys in a line covering a price range from 25 cents to $5.00, are automobiles, tractors, cement mixers, police motor bike and dump trucks.

Faultless Rubber Co.

The box of balls shown is an innovation in ball decoration, the varied colors producing a rainbow effect on this line and all sponge rubber play balls, each ball in turn being a veritable riot of color The balls pictured are typical of these sponge balls, which are made in five sizes, ranging from 2-7/16" to 3½" in diameter. They will not deflate, will not go dead in stock, and are full of bounce. Other items shown were practical golf balls, sponge rubber novelties, such as eggs, mice, candy, nuts, cigarettes, etc., and toy balloons which embrace a large line, including all sizes and shapes made by a patented water cure process, and guaranteed not to deteriorate in stock for one year from shipping date from factory. These products are produced under the trade names "Faultless," and "Fast Flight."

Aluminum Specialty Co.

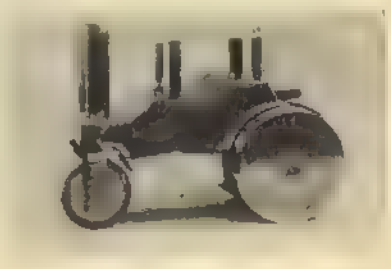
Here is a reproduction of the Cooking and Baking Set made by this company, which is one of the featured numbers in a line of aluminum sets, which includes tea sets, percolator sets, cooking and baking sets. More new items have been added to the line for 1930 which now covers a price range from 75 cents to $3.50 at retail. The Cooking and Baking Set shown in the photograph is made to sell for $1.00

Regal Doll Co.

Here we show a featured item in a complete line of infant, novelty and mama dolls, which covers the entire price range from 50c to $5.00. The larger number pictured is 27" high, with moving eyes, teeth and tongue, and human hair and, as a $5.00 seller, should be particularly attractive to the department store trade. The company manufactures dolls adaptable for all classes of distribution, with special value for quantity buyers. Produced as members of the happy "Kiddie Pal" family are Sweetie, Hugme, Kissme, Dorothy Jane, Smiles, Loveme and Judy.

Lindstrom Tool & Toy Co.

Here we reproduce a newcomer offered by this company at the Fair. It is a large-size, slow-action Steam Roller, made of heavy gauge steel. It is an exceptionally realistic reproduction of an actual steam roller, both as to appearance and action. It is made to retail for $1.00.



Line Leaders

Victor Novelty Mfg. Co.

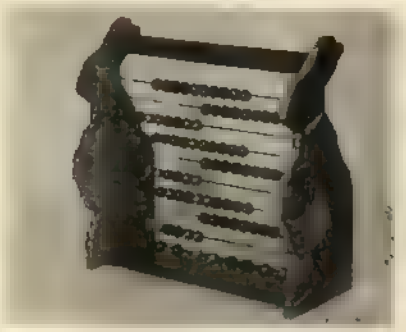
The beach ball shown is one of the many in the line of Victor "Joy Balls," a particular number being a four color panelled ball made of durable fabric heavily rubber coated, with a sheet rubber bladder that is guaranteed against defects. Comes packed in an attractive box, and retails at 50c. The complete Victor line covers a price range of all prices, with Victor water animals retailing from $2.00 to $6.00 each. These rubber water animals were also on display

The Ives Corp.

Shown here is No. 572—a $10.00 mechanical train number of this company, which, among all their line, has proven particularly popular. As will be seen, it is a steam type locomotive, and the set is complete with coal car, coach, baggage car and pullman car with observation platform. Another particularly interesting feature being pushed by this company is the Ives Treasure Chest. Available for use at home or for window and counter display in the store, this Treasure Chest has all the appearance, when closed, of just what its name implies. When opened up, however, through ingenious fastening arrangements which prevent displacement, a most complete train set with all tracks and the popular accessories is laid out all ready for operation. This Treasure Chest sells, exclusive of trains, which are, of course, at the additional option of the purchaser, for $50.00

Sayco Doll Corp.

Shown in the display rooms of Long & Yondorf, the standing type of doll pictured is typical of this line of "Sayco" Dolls which are made to cover the requirements of the department store and jobbing trade. Retail from $2.00 to $4.00.



The H. G. Cress Co.

Here is a novel little number—a Rabbit Abacus, which was but one of the numerous items shown by this company at the Fair. A featured number was the 3 R's Easel Blackboard, 44" by 19½" in size, with beautifully contrasting red and green color combinations. The manufacturer has noted that the tendency of the buyers will be toward medium priced drawing sets and spelling boards and is, accordingly, directing most of his attention toward these numbers.

A. C. Gilbert Co.

Through an unfortunate error a wrong cut was shown in connection with the description of one of the items featured by this company during their Toy Fair display. We are glad of this opportunity to show below the proper cut and to again give a full description. This is No. 2006-Svengali Mind Reading Set of the A. C. Gilbert Co. It contains many fascinating and bewildering tricks, such as the Dread of Midas, Svengali Mind Reading Wonder, the Phantom Ring, Chinese Mystery Ring, Mystery Topsy Turvy, Galloping Dime, Hiding Chessman, Buddha Money Mystery and many other spectacular and awe-inspiring effects. This set and the other new Gilbert Magic Sets are so designed that any child or adult can accomplish magical effects in a few moments' time by reading the directions. The particular set shown here retails at $5.00 and is typical of a line that contains numbers running from $1.00 to $10.00. Other toys featured in this company's Toy Fair display were, of course, the ever-popular Erector, Chemistry, Tool Chests, Puzzles and Motors. All of the products of the company are produced under the trade names of "Gilbert" and "Erector."

Travelers on L. & N. trains passing Glasgow Junction, Ky., see these massive ruins and wonder about their history. They stand today, as they were placed in 1860, commemorating a project that was to have been a fine tavern, but which was interrupted by the Civil War and was never completed.

Famous Bell's Tavern

JUST within a stone's throw of the L. & N. station at Glasgow Junction, Ky., on the main line of the Louisville Division, stands an old ruin that has caused many a question on the part of the stranger in those parts. Most ruins imply a condition of decay; something once whole and complete and now decimated by that master wrecker, time. In this sense the massive walls of stone now standing at Glasgow Junction cannot properly then be called ruins. They only represent a fond dream that never materialized; they serve but to perpetuate the memory of one of the greatest inns this continent has ever known, namely, Bell's Tavern. It was the Civil War, that gigantic internecine conflict that changed so much of the American scene, that brought to an abrupt end both a castle in stone and a castle in the air.

Some time in the 1820's there came to what is now Glasgow Junction but what was then called Three Forks, a veteran of the Revolutionary War, by name, William Bell. This place was called Three Forks for the obvious reason that here three roads converged. In reality two of the roads were but branches of a highway that led from Louisville to Bowling Green and which connected with the state highway a short distance below Bowling Green. One of its branches here at Glasgow Junction led to Glasgow; the other to Bardstown.

This road then became one of the main highways in this section of the country and one that was much traveled. Stage coaches, the smart equipages of the aristocrats of town and country, as well as ruder rustic and urban vehicles, made their way over this main road through what was still largely a wilderness. The town of Three Forks became a relay station. Here the drivers of stagecoaches and the mail carriers exchanged their tired nags for fresher ones and they, as well as the passengers, endeavored to rejuvenate themselves by partaking of food and drink. To Mr. Bell it doubtless seemed that here would be an excellent place for the location of a comfortable inn or tavern, and he acted accordingly.

Due to its strategic situation, an inn only mediocre would have been a success here, but under Mr. Bell, a man of culture from all accounts, there was engendered and developed a tavern that became nationally famous. Even in those remote days it was considered a part of everyone's education to visit Mammoth Cave and many were the notables from all walks of life who made a respectful pilgrimage to this prodigy of Old Mother Nature. Since it was on the way to the cavern, a good many of these stopped at Bell's Tavern; at first because of the exigencies of travel; later, and in increased numbers, because of the reputation of the inn. Indeed, so famous did it become that the name of the place was changed from Three Forks to Bell's Tavern. And with regard to the notables who were guests at the inn, an "A-1" class of such is meant; not mere traveling tinkers and the like, but men of the stature of Henry Clay, the King of England and United States Senator Silsbee from Massachusetts

Oh, that we only had a magic Axminster, that we could be transported back to those times! Imagine a road, not the smooth-surfaced, skillfully constructed affair of today, but one that is little more than a widened trail, hardened by usage, winding through what is still in parts a wilderness. Flowers are every-

where in profusion, their rich variety of colors forming a pattern truly kaleidoscopic. Over this road dashes a picturesque (it would be to us of today) stage-coach. The driver urges on his steeds faster and faster, the postillion sets up a merry and enthusiastic tooting on his horn, for now they are approaching Bell's Tavern and a pleasant oasis in the desert of traveling is in sight. Inside, the passengers smooth out their ruffles, straighten their hats, brush off their clothes and, if any of the younger generation are along, coerce and threaten them into a semblance of recitude.

At last with an air of old Kris Kringle arriving on the lawn in "'Twas the night before Christmas," the stage-coach rolls to a rest before the inn. The servants of the inn rush out; the dogs bark and make tentative nibbles at the legs of the horses; the townspeople gather around to see the passengers descend in stately manner

The reputation of Bell's Tavern rested on several foundations. First, Mr. Bell was a man of culture and one who could hold his own in conversation with the intellectual giants of the day. Henry Clay and other statesmen made of his tavern a sort of club or salon, where they could be sure of meeting equals. Then, too, the inn was famous for its hospitality to the guest and for its strict observance of all the little niceties of conduct that do so much to make agreeable the contact between members of society. And last, but really first in any catalogue of virtues, there was its cuisine. Beef steak, quail, venison -in fact, any kind of meat you could think of—and flapjacks! Let us not forget those flapjacks, pray. These were especially famous among the gourmets of the day and many a stack of them, garnished with butter and honey, or syrup, perished gloriously. Bell's Tavern was also famous for a concoction which Mr. Bell prepared with expert hands, called "peach and honey," a beverage of exhilarating potency.

After William Bell's death, the widow of his son, Robert Slaughter Bell, and her two sons owned and ran the inn. Gradually, the idea was conceived of building an inn, whose exterior and interior both would be worthy of its reputation. Work was started some time in 1860 and, stone by stone, the dream approached reality. But all this while the dark clouds of war had been gathering on the horizon and, when finally the tempest broke, the work was halted. It was never resumed. The old tavern, however, continued to be a pleasant spot for the weary traveler clear up until 1882 or 1883. In the closing days of its existence it was owned by Mr. G. M Procter, whose daughter and her husband (Mr. and Mrs. J. B Whitney) are living today at Glasgow Junction and to whom the writer is indebted for many of the facts contained in his story.

The ruins of the projected tavern are about fifteen or twenty feet high and extend along the Dixie Highway about 105 feet; the depth being about sixty feet. Massive stones, of a sort seldom seen nowadays, were used in its construction. Today these massive stones are still standing in the same position in which they were placed over seventy years ago. Old Man Weather and Old Father Time have cast their subtle weapons of destruction in vain; the inn, incomplete but undismayed, seems by its very presence to protest against the harsh bludgeonings of a fate that for it ended in futility and unfulfillment —that left it waiting like a bride at a church. Its walls have never known a roof; have never echoed with the lazy, cheerful talk of people comfortably housed; its only guests have been the lizard and the sparrow. Tall and sturdy trees grow within its confines and in the summer the blossoming honeysuckle mantles its walls with masses of fragrance.

If the ruins at Glasgow Junction serve as a monument to perpetuate the memory of a famous inn, then on them in a prominent spot should be engraved this epitaph—"Of all sad words of tongue or pen, the saddest are—It might have been."

"Hot" Numbers

Noble & Cooley Co.

The Jazz Outfit pictured is typical of a line that was shown in ten sizes and which is made to retail from $1.00 upward. This company's line of quality drums, coming in new designs and colors, with special heads, and numbers in tamborines and rolling hoops, were also seen in the permanent display rooms of Riemann, Seabrey Co., Inc.

Gobar Products

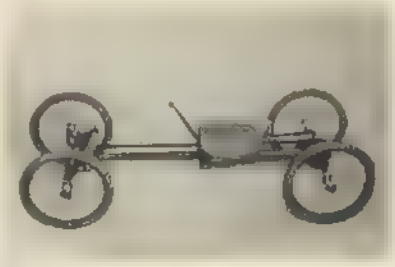
The Mystery Boat. What makes it run? What gives it that realistic "put-put" sound of a big motor boat? There are no springs, no moving parts—yet the Mystery Boat will operate steadily indoors or out, wherever there is water, for forty-five minutes. It is the popular little boat that uses canned heat to make it go. Each boat comes individually packed in 3-color cartons, with complete instructions for operating.

Bradley Picture Puzzles

Picture puzzles which embody the newest ideas are featured in the Milton Bradley Line. The illustration shows the Airways Picture Puzzle. It is printed in attractive colors, and is based on the latest developments in aviation. The retail price is $1.00. Other items in this line feature activities of all kinds, from Alice In Wonderland to the latest developments in science

J. K. Farnell & Co., Ltd.

Scottie is one of a large line of animals made by this well known concern. Scottie can be had in lengths from 12" to 21" and retails from $2.00 to $10.00, being suitable especially for department store trade. Materials, design and workmanship of a high grade are special features of this line.



Colson Co.

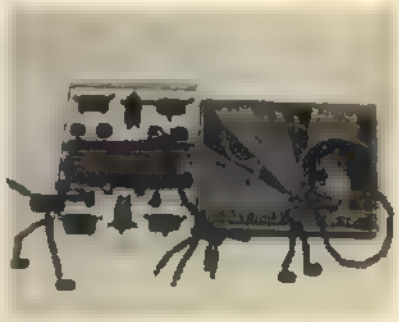
The Fair Sport Racer shown here is called the world's speediest wheel toy by the manufacturer. It is propelled by a hand operated strap, attached to a clutch mounted on the rear axle, and steered by foot pedals on the front axle. The frame has 1¼" seamless steel tubing, and wheels are equipped with 1¼" balloon tires. Model No. 810 is designed for children from 4 to 7 years, Model No. 820 for children from 7 to 12 years. It is distributed through all classes of the trade handling wheel goods, and sells for $20.00 and $22.50. Other items on display were bicycles, velocipedes, scooters, tricycles, etc., all manufactured under the name "Fairy."

The Whitney Reed Corp.

This Spring Horse, a newcomer in the company's line, was displayed during the Fair in the showrooms of the Riemann, Seabrey Co., Inc. It is a new type of hobby horse and is made with steel springs to give the proper effect of a horse moving at a jog-trot. The other merchandise of this company, including Swing Horses, Trot-A-way Velocipedes, Houses, Sand Boxes and Beach Umbrellas were also on display.

Selley Mfg. Co., Inc.

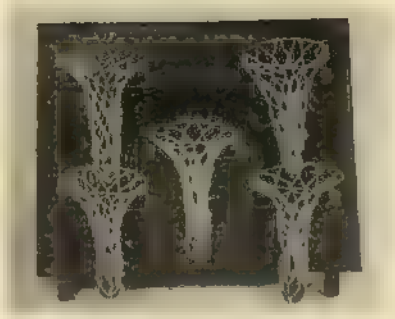
The Lark Airplane shown is a feather-weight model, with an 18" double surfaced wing. It is typical of a line that is designed expressly for department stores and which covers a retail price range of 75c to $7.50 and includes airplane construction kits and all varieties of model supplies. All of the products are offered under the trade name of "Selley Champion Line."



Main Toy Company

"Krazy-Ikes," the amusing little $1.00 builder toy that builds birds, animals and dolls, was the featured item in the display of this company, which also produces playground equipment and games. The line is made to sell to all classes of the trade.

Bidding for Favor



Standard Solophone Mfg. Co.

In the "55 Or Bust" Basket Ball Game pictured here we have one of the featured numbers shown by this exhibitor. The idea of the game is to make exactly 55—no more, to win. It consists of a kiln dried board, a horseshoe, five baskets and five rubber balls The game, which is a jobbing as well as a department store item, retails at $2.25

Anchor Toy Co.

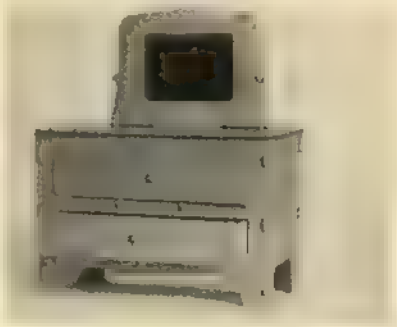
This little walking toy and cart is typical of a line showing several animal characters in various bright colors highly lacquered. The retail price runs from 25c to $1.00, sales being through department stores and jobbers. Another featured item under the trademarked line of "Roleasy Playtoys" was the "Balancing Soldiers," which balance at any angle, and which are made of wood in brilliant colors, and packed five in one box. This number retails at 50c

Hygrade Fabric Co.

Hygrade Playballs include a wide variety of these popular playthings made of rubber and rubberized fabric. They are finished in an extensive assortment of eye catching colors, and are especially suited for the jobbing and chainstore trade. The retail price range is from 10c. to $1.00.

Dolly Folding Kite & Toy Co.

The dresser shown is typical of a line made in sizes to cover a price range from 25c to $2.00. The mirror is detachable and the manufacturer features, further, the fact that each dresser is packed individually, in an attractive box. This line of dressers is augmented by a line of "Fibro" Furniture and "Shy Boy" Kites—all products being designed to sell through jobbers, department stores and chain stores.



Gerling Toy Co.

The number pictured comes in three sizes, with moving eyes, moving head and silk Kapok stuffing. Special attention is paid to finish and dresses and all are complete with tailored hats and baby shoes. Made to sell to department stores and exclusive jobbing trade, the numbers retail for $3.50, $5.50 and $7.50.

Painting and Water Color Outfits

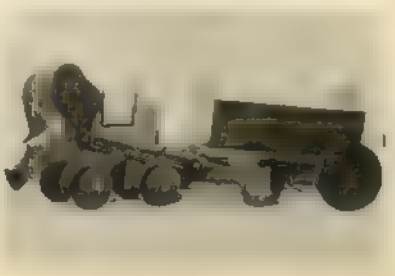
One of the most popular of the Milton Bradley Painting Sets is illustrated. This is the Playtime Utility Set retailing at $2.00. It is very complete in its equipment, the box being printed in attractive colors. The demand for these sets has been growing steadily during recent years. Child experts have brought about numerous modifications and improvements which make the sets especially valuable for young children

Katherine A. Rauser

The photograph herewith shows a typical trousseau trunk, fitted with doll and complete doll outfit, which "Kitty" produces to sell to the department stores in a price range of products from 25c to $10.00. These products include doll house furniture, doll houses, doll house furnishings –including curtains, cushes, rugs, etc.; also a complete line of Patsy and Patsy Ann Doll Outfits.

The Toy Kraft Co.

Pictured here is the Toy Kraft elephant and wagon. Like all other numbers in the line, it is hand made and hand painted, this particular number coming in bright red trimmed with yellow and blue. This is a practical play toy and is of a substantial size and construction These are made to retail for $2.50. Among other items of Toy Kraft on display were the hand painted wooden toys for Easter, Summer, Christmas and year 'round use. Pull toys and sand toys were also shown in many numbers with particular attention being directed to the pleasing color combinations, and the quality of workmanship



age, and yet the most instructive. By releasing the tension on the controlling thread the plane will right itself when out of position and this principle must be carefully adhered to in making a successful landing

The Glider may be seen on display in the J. L. Wright, Inc., Showrooms, 1443 Merchandise Mart, Chicago. Also on display by Mark Harris, 215 Fourth avenue, New York City, and M. Sweyd, 788 Mission street, San Francisco, Cal.

Lieutenant Rowell's Glider is furnished to dealers in three styles—the "Set-up" model to retail at $2.00, the "Semi Kit" (partially assembled) $1.50 and the "Kit" or construction outfit at $1.00

Discounts are the same as on Lincoln Logs and Bricks.

Further information will be gladly sent on request.

Knapp Krazy Ikes

Knapp Electric of 200 Fifth Ave., New York City, manufacturers of the Knapp Questioner, Master Magic, and other Knapp toys, have added Krazy Ikes to their line. Krazy Ikes was first announced at the New York Toy Fair, and later at the Toy Fair in Chicago, where it was very uniquely displayed and attracted unusual attention

Its popularity lies in its appeal to a child's creative ability. It consists of 68 pieces of wood, which are put together on a clothespin principle, forming all sorts of "Krazy" animals — donkeys, monkeys, giraffes, kangaroos, gobblers, humpty-dumpties, dollies, birds, dogs, soldiers, dancers, boxers, acrobats, etc The pieces are made of durable birch wood painted in attractive, bright colors of red, blue and yellow. It is purely a construction toy with apparently no limit to the objects it can make, which is one reason why it is referred to as the "1000-in-one builder toy"

Selling for a dollar, it has unlimited sales possibilities. It is a builder toy that doesn't wear out. Its construction advantages and its ability to make grotesque characters make it attractive to adults as well as children It is not a seasonal item as the company reports unusual sales since its first announcement at the New York Toy Fair in February, with production unable to keep pace with the increasing sales

This item is expected to have a good summer sale as a vacation and travel toy. It has also unlimited possibilities as a construction toy for kindergarten and school use, as well as its appeal of uniqueness, originality and entertainment, which makes it attractive to children of all ages

Changes at Oliver Bros., Inc.

Mr. Albert Oliver, formerly secretary and treasurer of the firm of Oliver Brothers, Inc., Philadelphia, is no longer connected with the firm, and Mr. Benjamin Greenbaum takes his office. Mr. Harry Greenbaum continues as president, while Mr. Frank P. Dwyer has been made salesmanager. Mr Dwyer will be remembered as the man who traveled the United States selling the "Hotspur" soccer shoe and the official A. F. A. soccer ball.

Stork Brings a Stark

Fourth of July is celebrated by the country in general, but not so with Fred Stark, one of Horsman's popular salesmen. Fred picked out the third of July to do his celebrating, for it was on this day he became the father of a 7-pound boy. It is rumored around that the baby will become a doll salesman. Fred says that the boy can say "Baby Dimples."

Hubley Makes Bank Now

The King Midas Bank is a new toy feature recently added to the Hubley line The greedy king, so familiar to children is represented by a long-eared, crowned figure with a leering wink, closely grasping his bag of gold. The coin slot is at the top of the bag and he points to it with his left hand The figure is mounted on a square base measuring 3½ inches and is about 5 inches high overall. The colors are flesh, red, black, brown, and gold

Hubley sees a bright future ahead for these toys as they are unique, attractive, and moderately priced

Dorfan Has New Train Signal

The "Five Point Light" is an interest ing electric train signal device placed on the market recently by the Dorfan Co., 200 Fifth Avenue, New York. Colored lights are done away with. Five white lights are used and when the block is clear three of them are shown in a vertical position; when train is coming the lights are horizontal

"My best salesman was a rival manufacturer"—I. Cowen, V. P. of Knickerbocker Toy Co.

The writer was recently talking to I. Cowen on the subject of salesmanship in the toy industry—and a story with a distinctly new twist came to light

"Knickerbocker's best salesman could be stated off hand by anyone in the industry — Leo Weiss, my able partner—of course—but the talented Leo himself will admit that the best individual selling job of two seasons back was put over for us, not by Leo, but by another animal manufacturer.

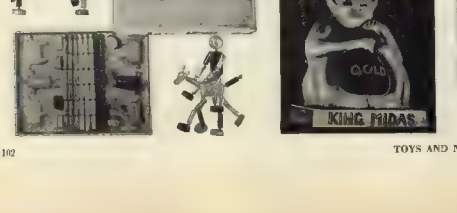
"One day early in May, 1928, a new customer came to our showroom, and after going all over the line, placed a very substantial order When he finished I thanked him, and inquired as to just how he came to get in touch with us, and as to how he had waited so long before he actually placed an order with us."

"Well," he said, " it's a rather odd story. Of course I had heard of you people, through your advertising, but it remained for a rival manufacturer to sell me your line."

"How come?" said Cowen.

"Well, it was this way," said the buyer. "The man who had been selling me animals gave me satisfactory values and service for several seasons, and I never did any shopping on animals. But suddenly he began to plank animals in front of me with comments like, 'This one is as good as Knickerbocker's' and 'This one is better than Knickerbocker's' or 'This one is cheaper than Knickerbocker's.'

"And so—I naturally said to myself I'll just have to see this Knickerbocker line before I buy."



Hubley King Midas Bank

Liberty Playthings, Inc.

Maerklin Steam Locomotive

News and Notes

Maerklin Steam Driven Locomotives

The accompanying illustration shows one of the popular Maerklin Steam [illegible] Maerklin models come in several sizes and cover a wide price range. The particular model illustrated is a beautiful reproduction of a powerful express steam locomotive. It has fixed double [illegible] reversing gear, hand or automatically operating through stop valve. It also has a safety valve, waste tap, steam whistle and exhaust pipe outlet in chimney. Another feature is the double bogie tender. It comes complete with cup, funnel, washers, screw wrench poker, and cylinder oil. In fact, as with all Maerklin models, Maerklin Steam Driven Locomotives are wonderfully accurate reproductions of the real thing.

Comet Makes Musical Toys

The Comet Novelty Co., of 2808 Fulton St., Brooklyn, is now manufacturing and selling the line of musical toys including calliopes, flutes, kazoos, whistles, etc., which were formerly made by the Eureka Toy Co., of Troy, N. Y. This line covers a wide range of popular price items and is suitable for all classes of trade. These musical toys were formerly sold by S. Rosenberg & Co.

Folding Doll Carts

The Forsyth Metal Goods Co. are offering the trade an unusual line of popular priced folding doll carts in metal and imitation leather. These doll carts are being shown by the Riemann, Seabrey Co., Inc. They are made in four sizes to retail at 50c and up. They are fitted with red disc wheels 4½ and 5 inches in diameter. One of the lower priced numbers is illustrated here. The larger ones are made with sun canopies.

The Mordt Company Announces

The Mordt Company is offering a new line of metal gymns, varying in height [illegible] 4 ins to 8 [illegible] ins, stressing the point that the height of a gym set is of great importance, in that it should provide sufficient clearance for proper and safe performance by a boy on trapeze and rings, likewise high enough suspension from the floor to lend a thrill and avoid dizziness. These manufacturers tell us, by eliminating all the unnecessarily expensive castings, yet producing a sturdily built and easily assembled gym stand, that they have been able to offer such improved style gym at a price low enough to attract the general public of moderate means, where heretofore the more expensive items of this kind may have sold only to the homes of the well-to-do. And whether the ultimate purchaser lives in the house, apartment or hotel suite The Mordt Company say they have a gym set to fit every home and every pocketbook. Overcoming foreign competition with a superior article at a moderate price is a matter of constant concern with these manufacturers, and we are advised notwithstanding the expected considerable boost in the tariff schedules applying to such commodities in the bill before Congress that there will be no advance in the Mordt prices as a consequence. This company has designed and prepared a "Manual of Gym Exercises on Mordt Gym Sets"; an illustrated book of 16 pages that is being furnished with each set of their class A merchandise. At the Palmer House, room 722, during the Chicago Toy Fair Mr. Mordt and assistants will greet and be glad to explain the various meritorious features of their products.

Gem Doll at Toy Center

Gem Doll Corp. will display in Room 821, 200 Fifth Avenue, after May 1st.

Will Represent Liberty Playthings

Liberty Playthings, Inc., of Niagara Falls, N. Y., announce the appointment of the following representatives for their Liberty PLAYBOATS: Ralph W. Reed, 421 Arthur Bldg., Omaha, Nebr., covering Iowa & Nebraska territory. The Heiman Co., 1609 University Ave St Paul, Minn., covering the Northwest territory; Mr. A. Rose, 2095 Pingaree Ave., Detroit, Mich., covering the States of Ohio & Michigan, and Western Pennsylvania; James S. Vysco, 912 Commerce St., Dallas, Texas, covering States of Arkansas, Oklahoma and Texas; J. F. Bridges, 312 S. Clark St., Chicago, Ill., covering the immediate Chicago territory, including Milwaukee.

Big Bang Gets a Certificate

The Conestoga Corp. are mailing to the trade a circular containing a report from the Department of Public Safety of the Commonwealth of Massachusetts covering tests conducted on their Big Bang Cannon. The results of the test are most interesting and are reported as follows: "The cannon was fired, holding the hand about one inch from the muzzle; a flame was seen, a pressure was felt and a slight sensation of heat. A white cotton thread, a rayon thread, and a human hair were in turn fastened across the muzzle of the cannon. There was no effect on the thread or hair. The rayon thread, which was very delicate and flimsy, was ruptured by the force of the explosion. An ordinary parlor match was placed in the muzzle of the cannon. The match was blown from the cannon a distance of a few feet, but did not ignite. About a teaspoonful of dry black gun powder was placed an inch from the muzzle of the cannon. This was scattered about by the force of the explosion, but was not ignited. Cotton, saturated with gasoline, was placed two inches from the muzzle of the cannon. This ignited and was scattered when the cannon was fired. The proper charge of "Bangsite" or calcium carbide for the model 8F cannon, weighs approximately 5-6 of a grain. As one pound of carbide will produce about 4½ cubic feet of acetylene gas, it was estimated that slightly less than one cubic inch of acetylene is generated when the cannon is fired. I find, upon investigation, supplemented by the tests herein described, that the calcium carbide and acetylene gas which produces the explosion by means of the devices subjected to the tests cannot be classed as fireworks, that the articles are a safe and sane method of producing noise for celebration purposes; and that no regulation regarding their sale or use in this Commonwealth is required."

MacLaren Sells Royal Games

Royal Games, Inc., have opened salesrooms at 221 Fifth Ave., New York City, in charge of Robert MacLaren, vice-president and sales manager of the company. They make a large line of popular price games to sell at 10c to $1.00. At present this line includes 87 different items. Joseph Mender is president, Ray Robinson, secretary, and Dave Harrison, treasurer of the company. This line will be shown at the Morrison Hotel during the Chicago Toy Fair.

GEORGE E. PARMENTER

American Crayon Company Elects New President

Results of the annual meeting of the American Crayon Company, held during the month of January at Sandusky, Ohio, reveal a number of changes in the personnel of the officers of this organization. Of paramount importance is the election to the presidency of George E. Parmenter to fill the vacancy caused by the death of L. L. Curtis. Mr. Parmenter has been affiliated with the industry for over fifty years, for some time holding the position of First Vice-President and Eastern Sales Manager of the company. He maintains his home in Branford, Conn., with business headquarters in New York City.

Other officers elected at the recent meeting are: Carey W. Hord, formerly Second Vice-President and General Sales Manager, now First Vice-President and Director of Sales; A. M. Spore, re-elected Secretary-Treasurer; Earl L. Curtis, former Assistant Secretary-Treasurer and Purchasing Agent, now Second Vice-President and Purchasing Agent; John C. Whitworth, made Assistant Secretary-Treasurer; Leland P. Spore, re-elected Auditor and Office Manager; Lynn B. Curtis, re-elected Factory Manager. Directors include the above named, as well as Carl C. Curtis of Pasadena, Calif., and T. B. Taylor of Sandusky, Ohio. President Parmenter has indicated that the policies of the company will be continued along the same lines that have been followed in the past, and that the outlook of the organization at the present time is very encouraging

New All-Fair Catalog

All-Fair, Inc., have sent their new 1930 catalog to the trade, and it certainly makes a fine appearance. The cover is cleverly designed and printed in vivid colors. The catalog is printed in red and black on coated stock, bringing out the illustrations of the games and toys to the best possible advantage.

New Hubley Toys

The Hubley Manufacturing Company of Lancaster, Pa., has just placed on the market two new toys which have been added to their line of "Exclusive Right" merchandise. These new items are a Jantzen Surf Girl and a Jantzen Beach Patrol. The figures, nicely modeled and in lifelike poses, are mounted on surf boards, or aquaplanes, around which is indicated splashing waves. The front wheel of these toys is eccentric so that when the toy is pulled along a wave riding motion adds to the realism of the design. Space will be taken in the June issues of the Junior Home and Child Life, two of the leading juvenile publications and the Surf Girl will be illustrated and both toys described. The Hubley organization is making great efforts to popularize the Hubley name so that the toy dealer will receive the benefit. On each of the new toys the Hubley decal and the Jantzen insignia will appear, Hubley having been authorized by the Jantzen Company, famous makers of bathing suits, to produce the toys.

Paramount Moves

The Paramount Sales Company, whose showrooms are now located in the Flatiron Building, will move on May 1st to 16 East 18th Street. In their new display rooms, conviently located between Fifth Avenue and Broadway, they will show the complete lines of those four well known quality brands the "Paramount," "Goodyear," "Rubbercraft," and "New York Ball & Toy" rubber balls and rubber toys. In their new headquarters the Paramount Sales Co. will be able to present a very full and conveniently arranged display of these four brands, all of which are made by the Paramount patented processes. These rubber balls and toys will be shown during the Chicago Toy Fair in Room 521 of the Morrison Hotel, under the direction of Tom B. Roberts, Paramount's genial Director of Sales, and H. E. Bitterlich, the popular Western Representative of that firm.

New Stevens Repeater

The J. & E. Stevens Co., of Cromwell, Conn., have just placed on the market a new number which they call a Stevens Instructor Repeating Cap Pistol. This pistol combines simplicity of mechanism with positive action and obviates many of the difficulties which have been met in the manufacture of repeating cap pistols. The new item is easily assembled and disassembled, and adds one more to the line of constructions toys made by the Stevens Co. which have been popular for so many years

Little Miss Fugarini

The stork, that bird of joy and happiness, has alighted upon the home of Mr. and Mrs. John C. Fugarini. Lois Anne Fugarini arrived in this whirling world on Thursday, March sixth, and has been a howling success since that date. Mr. Fugarini is the New England and Pennsylvania representative of the Riemann, Seabrey Co., Inc.

C. A. SCHOEN

'Cap" Schoen in the Southeast

C. A. Schoen, familiarly known as "Cap" by most of the toy trade east of the Mississippi and many west of it, has been transferred to the southeastern territory of The Gendron Wheel Company of Toledo, Ohio. His new territory includes Virginia, North Carolina, South Carolina, Georgia, and Florida. Cap has been with Gendron for years, the list fifteen of which he has spent in the southern states, covering Tennessee, Alabama, Mississippi, and Louisiana. With the remarkable new line of The Gendron Wheel Company to aid him Cap should prove even more successful in his new territory than he did in the old, where his large volume always kept him close to the top in the Gendron Sales Organization. His old southern territory is being taken over by Kenneth Pollard, an up and coming young man who recently joined the sales force of The Gendron Wheel Company.

Hesse Will Breakfast Lehmanically

The handsome five piece breakfast room suite made by the Lehman Co. of America, and forming one of their attractive show pieces during the Toy Fair, will soon repose in the home of Lee Hesse, toy buyer for Schruggs-Vandervoort and Barney, of St. Louis. Little Miss Alice June Taylor, 10 years old, of Washington, D. C. acted as the judge in reaching the decision as to who would own the furniture. Bill and Art Lehman telegraphed to Mr. Hesse, informing him of the happy event, and asking him to have Mrs. Hesse select the type of breakfast suite she might prefer from photographs which they forwarded to St. Louis. Incidentally, they state that nearly 900 buyers registered at the Lehman exhibit during the Toy Fair.

The New Name for Miller

The name of the Miller Rubber Co. of New York has been changed to the Miller Rubber Products Co., Inc. James Taylor, manager of the toy sales division, is enthusiastic over the outlook for 1930.

Shearwater Pottery

By
E. H. TARDY
Agent, Biloxi, Miss.

SHEARWATER POTTERY, one of the show places of the Mississippi Gulf Coast, was established on East Beach at Ocean Springs and opened to the public on February 1, 1928. It is there because one man had a good idea and the tenacious energy to put that idea over.

Back in 1924 Peter Anderson saw the vast supply of fine potter's clay in this section, and decided that it was an excellent place to establish a pottery. Accordingly he built as best he could a small hillside kiln which he fired with pine knots. This attempt proved a dismal failure, and convinced Mr. Anderson that if he was to make a success of his pottery he must have some knowledge of the art. He went to Wayne, Pennsylvania, and took a course at Conestoga Pottery under E. deF. Curtis. When he felt qualified to continue by himself he left Conestoga and returned to East Beach where he erected a small experimental kiln and spent a couple of years perfecting himself in the art of making shapes, glazing and firing. In the summer of 1926 Mr. Anderson went to New York and took a special course in glazing under Dr. Binns.

Feeling that his pottery was now good enough to successfully conduct a larger enterprise Peter Anderson organized Shearwater Pottery, in the autumn of 1927, with himself as president and his father, G. W. Anderson, for many years an export grain dealer at New Orleans, as business manager.

Since starting the pottery other members of the Anderson family have joined the organization. Walter I. Anderson, a graduate of Pennsylvania Academy of Fine Arts, is taking an active part in designing and decorating pottery and has added much to the originality and interest of the ware being made. James McC. Anderson, a third brother, is showing singular aptitude in pottery decoration. Their mother, Mrs. G. W. Anderson, is also contributing special pieces, and as an artist and critic, has done much for the success of the work.

The policy of Shearwater Pottery, while the output is quite considerable for an art pottery, is not quantity production. The whole idea is to improve shapes, color, workmanship, decoration and design. Many of the pieces depend solely on shape and color for their interest which is the thing that strikes most observers at first sight. Very few pieces are duplicated and the pottery may be said, so far, to have avoided becoming commercialized.

Since 1928, the pottery has been developing steadily and the necessary equipment for its growth has been gradually increased with the demand for pottery. Today there are two kiln houses, two drying rooms, two glazing rooms and two work rooms.

One of the potter's wheels now used was formerly used by George Ohr, Biloxi's famous potter who died some years ago. It was with this wheel that Shearwater Pottery made its start, but now a modern power wheel has been added, also a filter press for the proper drying and proper preparation of clay.

There are only two kilns, one a large down draft kiln with a capacity of from 200 to 250 pieces; the other, recently installed, is a ceramic muffle kiln of very large size. This will give largely increased facility for the manufacture of special pieces.

Shearwater Pottery is located at "Fairhaven," the Anderson estate of twenty-five acres of beautiful woodland fronting on the Bay of Biloxi. A more ideal location for such work could hardly be found.

There is an unlimited amount of native clay to be found within easy reach, the clay at present being brought from Fish River, which enters Mobile Bay. The material is brought from the landing at Fish River by boat, direct to the wharf at the Pottery which is situated on a small bayou coming into the Anderson place.

In addition to the buildings housing the plant and the production end of the business, there is a show room building which deserves a few words of description. It is planted right in the middle of the piney woods with native shrubbery all around it and a fine outlook across a marsh to the Bay of Biloxi. There is one large room lined with pottery of all sorts and through this there is access to a gallery with a northern exposure, in which the pottery is shown in stalls, partitions separating the different colors. This building houses the office and packing rooms.

The pottery now also employs two local young men, Clare Scharr, son of Division Signal Maintainer Scharr of the L. & N. R. R., and Bruce Hutson, to whose faithful work much of the success of the pottery may be attributed.

Pottery of unique and charming design graces the show rooms of Shearwater Pottery.

There appears to be no limits to what may be done in pottery at this particular plant. The improvement noted in the ware since the start in 1928, has been steady and very marked. Visitors are welcome at the show rooms every day of the week but the workshop may be visited on Monday afternoons only.

A visit to Shearwater Pottery is one of the most interesting and delightful trips on the Gulf Coast.

A Ticket Agent's Impression of New Orleans

By F. A. STICKER

In the November, 1929, issue of this Magazine is a report of the convention of the American Association of Railroad Ticket Agents at New Orleans and on the Gulf Coast. This article presents the story from the visitors' angle. —EDITOR.

AS THE invading army of the Railroad Ticket Agents entered the wide open hospitable gates of New Orleans, on Monday, October 21, they felt the thrill that accompanies the entrance into the portals of such a quaint and interesting city, a sort of magic city, that held much of the unusual for them to see and explore within the succeeding five days, within its intriguing background of more than two centuries of romantic history.

New Orleans holds an attraction for the visitor of much more than just ordinary interest. This is particularly true of its famous French Quarter, redolent with the memories and traditions of love, adventure and knights, valiant actors of long-forgotten days when all was fair in love and war and sometimes traversing the narrow and crooked streets under the chaperonage of our fair guides, we could almost reconstruct some of the scenes of an earlier period of the Crescent City's history. We felt it held much of the spirit of old Spain and France whose people craved plenty of the swashbuckler element that provided the soul-stirring adventures so dear to the heart and mind of the Latin race.

Time seemed to have stood still in this unique section of the city, and here the Count of Monte Cristo might have realized his fervent prayer that the Lord turn back His universe and give him yesterday. Here, like the Lotus Eaters of Tennyson, everybody appears to have reached "The land where it was always afternoon." No hurry, no bustle in this delicious atmosphere fragrant with vagrant memories of a bygone but not forgotten age of chivalry and romance

Two outstanding buildings that are fully representative of the Spanish and French periods in the city's history are the Cabildo and St. Louis Cathedral, both most interesting to the tourist. After a day or more in this atmosphere you sort of rub your eyes in wonder on coming to Canal Street, and viewing the skyline of the modern city, where the towering and imposing business structures, all up-to-date in finish and appointments, greet vision in all directions, splendid business blocks tell the story of a flourishing business metropolis, and comfortable, up-to-date hostelries make the tourist and business man feel right at home in this atmosphere of warm Creole hospitality.

A ride around the magnificent harbor of New Orleans is an experience that you will not easily forget. You are charmed with the beauties of the Father of Waters and amazed at the forest of masts among the shipping that represents the wide world commerce of this, the second port of entry in the United States.

Here King Cotton reigns supreme as an outbound commodity, and the luscious tropical fruit that appeals to everyone regardless of race, creed or color, the banana, is an inbound commodity. "Yes, we have no bananas" would indeed be a travesty in this land of plenty Strange but true, we found they even grew bunches of them on our special train enroute from New Orleans to Chicago.

Entertainment, did you say? Why, bless your dear heart, there was just one round after another, special programs for the ladies, while the men were in business sessions, golf tournaments for visiting guests, lunches and dances at the "Roosevelt," "Jung" and "Monteleone." All prearranged through the splendid work of the local committee headed by General Chairman A. P. Hardy, ably assisted by Miss Helen Roddy. The post-convention trips were most marvelously interesting and instructive, and will be great helps in selling not only New Orleans but the entire country in the Gulf Coast and Evangeline country regions Every ticket agent should have a very warm spot in his heart for the Crescent City, and sell its manifold transactions to his patrons.—(*The Louisianian.*)

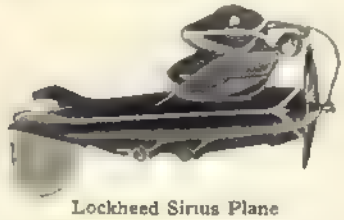
Five New Numbers Added to Hubley Cast Iron Line

The Hubley Manufacturing Co. of Lancaster, Pennsylvania, makers of cast iron toys, have recently added to their line five attractive numbers that should be of great benefit to toy dealers

The present day popularity of gliders has been adroitly capitalized with a glider toy named the "Lindy Glider." The Hubley organization, having copyrighted the name "Lindy," expects big returns from this toy, which is neatly modeled, brightly colored and equipped with rubber tires and demountable passenger. The toy is 10 inches long with a wing spread of 11 inches

Lindy Glider

A Lockheed Sirius plane, a model of the type selected by Colonel Lindbergh for his personal use and in which he made his new transcontinental record, is another of the new toys. This plane has two passengers, moving propeller, rubber tires and the name "Lindy" on each wing It is said to be a realistic copy of the big plane, and is 8½ inches long with a wing spread of 10½ inches



Lockheed Sirius Plane

The famous Hubley motorcycle line has been augmented by an Indian traffic car and an Indian crash car. The former is 12 inches long, has a demountable rider rubber tires and carries a load of small articles. It has a motor click and the cycle is a copy of the latest big Indian model

The Indian crash car is 11½ inches long and has a demountable rider, rubber tires, motor click, hose reel, hose and nozzle, gasoline can, first aid kit and a removable axle on each side. The cycle is the same type as the one used in the traffic car

A new Hubley toy

Naughton Appointed Sales Manager

M. F. Naughton, well known toyman, has been appointed salesmanager for Main-a-Car Corp. of Elmhurst, N. Y. The complete line will be displayed during Summer Toy Week at the McAlpin Hotel and Mr. Naughton will be on hand all week to greet the trade. This company recently announced that several prominent business men have been appointed officers for the company, the new officers being R. H. Stork, president; H. C. Drewes, vice president and treasurer, and S. W. Eno, secretary

Another new number is the Nucar transport which is made in two parts, measuring 16 inches overall and consisting of a car and trailer. It is equipped with a load of four small cars easily loaded and unloaded. The front section has a motor click attachment and both it and the trailer have rubber tires

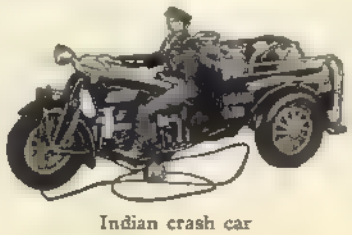
These new toys enable the dealer to make individual or unit sales, as each toy will appeal to children having previous models of auto, motorcycle or airplane toys. Those who have not can be sold units made up of related toys. Each toy is well modeled and brightly colored

Kilgore Duplicates Real Planes

The Kilgore Mfg. Co., Lancaster, Pa., announces their T. A. T. Tri-Motor plane. It is an exact replica of the planes used by the Transcontinental Air Transport, Inc., in their coast to coast service in connection with the Pennsylvania Railroad and the Santa Fe Railroad. It serves as a companion toy to the highly popular

"Amphibian Plane," the "Sea Gull" and the "Travel Air Mystery Plane."

This toy plane has received the unsolicited endorsement and approval of the T. A. T. Maddux Air Lines offices as indicated in the following excerpt from their letter "The lines of the plane are remarkably accurate in detail and it is by far the best representation of one of our planes I have seen. Please advise me where they may be purchased in New York."



Indian crash car

New Football Game Is Product of Woolsey Mfg. Co.

Woolsey's Football Game, shown at the Chicago Toy Fair by Mr Hoch, is a new mechanical game that will please children in or out of the football season

A small figure actually kicks the ball toward the painted cardboard goals, the angle from which it is hit determining where it shall light.

Other numbers made by the Woolsey Mfg. Co., of Minneapolis, are Bang-a-Loop (a glider gun made of wood and cardboard) and Ring a Nose

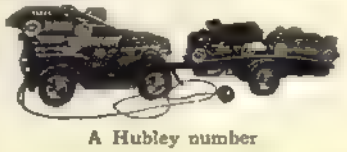
Aero Zeps is a new toy made by the Buffalo Toy and Tool Works, Buffalo, N. Y.

Morehouse, Economic Authority, Says America Still Land of Fortune

America is still a land of opportunity and 1930 holds much in store for industry and business. There is need, however, that we should go back to first principles of operation, of interesting the methods of production and distribution which have proved successful and profitable in the past. Executive and employee alike must appreciate that better business is not a matter of speculation, but of imagination, creative and hard work. In the period of readjustment and consolidation business and industry must take notice of weakness as well as of strength. If we proceed on the basis of a sane policy and govern all our actions by sound procedures we will accomplish what we all most desire—better business and better conditions

Kilgore in Fifth Avenue Bldg.

The complete line of the Kilgore Mfg. Co., Lancaster, Pa., will be on exhibit at 450 Fifth Ave. Bldg., New York City, during and after the New York Summer Toy Week



A Hubley number

Valentine Becomes V. P. and Sales Manager for "Buddy L" Steel Toys

R. F. Valentine's reedy baritone voice has found a new and most interesting theme in the well known "Buddy L" line of steel toys—for R. F. V. is now vice-president and sales manager for Moline Pressed Steel Co. at East Moline, Ill. Mr. Valentine has acquired a financial

R. F. Valentine

stake in this company and will devote his well known administrative talent to securing for "Buddy L" toys an even greater market than they now enjoy.

Valentine's headquarters will be in the Fifth Ave. Bldg. and he plans to do a considerable amount of traveling.

For the past year and a half he has been western sales manager of the Ives Manufacturing Corp. and prior to that time was vice president and general manager of the King Mfg. Co. of Plymouth, Michigan.

Schoenhut Revives Old Toy

A. F. Schoenhut Co. writes us that the dancing figure pictured below in a group of Schoenhut toys was made in Germany in the year 1864-65 by his grandfather, Wm. F. Schoenhut. It was made by the old importing firm of John and George Doll in Philadelphia.

A few of Schoenhut's leading spring and summer items, some of them illustrated here, are the Roller Chimes, the wooden racing yachts, the Choo-Choo push toys and a late novelty—the hooked rug set.

Wheel Goods Manufacturers Bring Out Distinctive Lines

The American National Company, internationally known manufacturers of children's vehicles, have added a new series of velocipedes to their 1930 line which are causing a great deal of comment, and which favorably impressed visiting buyers at both the New York and Chicago Toy Fairs. The velocipedes are made in four sizes with 12, 16, 20 and 24-inch front wheels and numbered 100, 101, 102 and 103, respectively. Equipment includes many new features, among which are the patented "Jumbo" hubs and hub caps, bicycle type truss fork, motor bike type handle bar with rubber grips and bicycle bell, 1¾-inch rubber tires, and tangent spoke wheels. They are finished in a rich shade of blue with white head and striping.

Gendron to Market Toy Plane

The Gendron Wheel Company of Toledo, Ohio, manufacturers of the famous "Pioneer" line of children's vehicles, among other things, are placing on the market for 1930 a new tri-motored airplane, the No. 999, equipped with pneumatic tires and ball bearing wire spoke wheels. The plane is attractively finished in their new shade of goldenrod yellow, harmoniously decorated in red, blue and black, and has a storage compartment in the fusilage directly behind the pilot's seat.

Blue Streak Cadillac

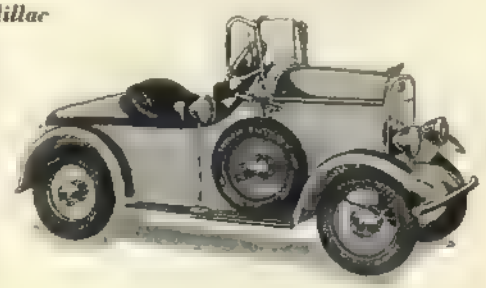
The "Blue Streak" line of the Toledo Metal Co. of Toledo, Ohio, has been enlarged by some juvenile automobiles that are a radical departure from anything ever before offered to the trade. These autos are "just like dad's." Equipment includes pneumatic tires (25 lbs. pressure), ball bearing heavy wire spoke wheels, running board spotlight, extra wheels, French horn, all steel chassis, easy riding cantilever springs, and other features. In addition these autos are furnished in many attractive colors that will add much to the pride of the boy or girl who possesses one. The No. 653-P Cadillac is illustrated.

Weinberg to Welcome Trade as Agent for Mid-West Toys

David T. Weinberg, who has long been associated with the toy trade and is representing Live Long Toys of Chicago, Maxcy-Barton Organ Co. of Oshkosh,

David T. Weinberg

Wisconsin, and the Patent Novelty Co., of Fulton, Illinois, is enjoying a nice sale on the lines he represents and will be glad to welcome the toy trade during the June Toy Week at the Hotel McAlpin, where all three lines will be shown.



Dancing Figure

Child's Rug Weaver

Chime Toys

Choo Choo Train

Some Seasonable Specialties from the A. Schoenhut Co., Inc.

Liberty Playboats Feature New Models

According to announcements received recently from Liberty Playthings, Inc., the 1930 line of Liberty Playboats has been augmented by the addition of several new models and new action features for the popular models produced in 1929. The Airplane Carrier now has an interesting play feature in the new catapult and trigger device which propels tiny gliders from the deck with all the realism of its big sister, the U. S. S Lexington. Brighter colors have been used, and it retains the same twin motors and propellers and other features that have made it so popular in previous years

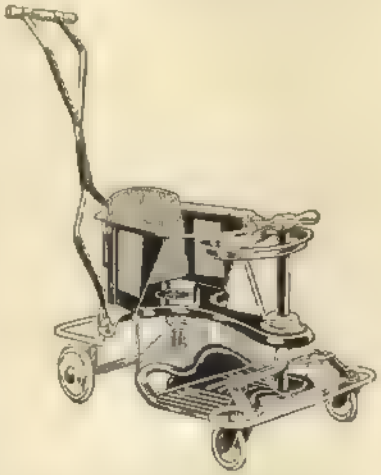
A new action feature, calculated to increase the appeal to children, has also been added to the Destroyer model. It is a torpedo tube in the prow, through which torpedoes, carried on the deck, may be shot. It retains the same low racy lines, powerful steel and brass motor, and general design of the model it replaces. The Junior single-motor Seaplane, a new number, was brought out to meet the demand for a smaller companion to the larger twin-motor seaplane. These speedy toys scoot over the water with the same pep and realism of a real plane, capturing the fancy of the million of air-minded children. Another new number is the pull-toy destroyer, a flat-bottom model without motor. All Liberty Playboats, except the seaplanes and small numbers, are equipped with removable undercarriage and wheels, combining the year-round sales appeal of a pull-toy with the realism of a real water boat. Important general changes are the variety of colors used in finishing the hulls of the boats, brighter, glossier lacquer finishes, rudder improvements, anchors on several numbers, and the fascinating play features on three of the models. All of the boats have non-crushable, non-sinkable wooden hulls. The addition of these features to the already popular line leads the manufacturers to predict a big year in 1930.

Ignatz Mayer with Novelty Doll

The trade will be interested to learn that Ignatz Mayer, who needs no introduction, is now representing Novelty Doll Mfg. Co., of 54 Greene St., New York City. This concern manufactures "Favorite" mama and baby dolls for jobbers, syndicate buyers, chain stores, premium users, etc., All necessary parts for dolls are turned out in their own factory. The complete line of this company will be displayed by "Ignatz" in Room 526, at the Morrison Hotel, during the Chicago Toy Fair.

Bob Green Convalescing

Bob Green, who is well known to many people in the toy trade, had the misfortune to break his leg recently, and is now in Bellevue Hospital, N. Y. He would like very much to hear from any of his friends in the trade, as it is rather tedious work lying in bed with a lot of weights and pulleys and other apparatus stretching one out while bones knit together. He is in Ward M2



New "Taylor Tot" With Shock Proof Springs

Attractive Display Pieces

American Mfg. Concern who make the well known Falcon line of toys have introduced a new feature which has met with instant success. These are wooden cut out soldiers and clowns for display purposes. They are very inexpensive and, as they stand about 3 feet high, they make unique displays and are especially suitable for toy departments. Many stores have purchased these cut outs as they find it more economical to get them in this way than to have them made to order locally.

Important Taylor News

The Frank F. Taylor Co. announces that they have changed their policy with respect to the marketing of Taylor Products in the Eastern Territory. They are now traveling their own men through New York, Pennsylvania, New England, New Jersey, Maryland and Delaware, and all shipments to this territory will be made direct from the factory.

The Frank F. Taylor Co. also announces a very important improvement in construction in the Taylor-Tot and the addition of a new line of Velocipedes, known as the No. 900 series. All models of the Taylor-Tot are now fitted with ingenious shock proof springs, which enables the child to ride in perfect comfort, fully protected against jar or bumps. Two tempered coil springs are so fitted to the rear axle that great buoyancy is possible during the entire life of the car. Complete durability is assured by braces placed against forward and backward motion and definite limits set to the perpendicular action. Patent has been applied for on this new Taylor innovation. It is also interesting to note that all models of the Taylor-Tot are now obtainable with or without play trays

In their new No. 900 Velocipede Series, the Frank F. Taylor Co. has again introduced a new and improved construction principle. The accompanying illustration shows that the rear arch has been eliminated, making possible the addition of aluminum step plates. This enables the young rider to dismount while the vehicle is in motion, or out of control, without causing a nasty fall. This new feature also permits more comfortable tandem riding and in general opens new possibilities in the pleasure to be had out of velocipedes. The finish of this new series is fully in keeping with the advanced design and construction. Three sizes are available, for children from 3 to 7 years. Patents have been applied for.

Improved "Liberty" Playboat With New Glossy Lacquer Finish

Latest "Taylor" Velocipede Showing New Construction

Here and There in the Toy Trade

C. W. SCOTT

T. B. EDWARDS

Scott With Murray-Ohio

C. W. Scott, recently in the New York office of the Sidway-Topliff Co., is now with the Murray-Ohio Mfg. Co., and will be connected with their New York salesroom in the Fifth Avenue Building. Mr. Scott has made a very fine record in the industry and especially in connection with juvenile vehicles. He has a pleasing personality and a most accurate knowledge of the items which he sells.

Irving Fink on the Air

The genial voice of Irving Fink, President of the Ay-Won Toy & Novelty Corp. was heard on the air on February 22nd and again on March 1st. This broadcasting was part of the Dagmar Perkins period from Station WGBS. Mr. Fink spoke to the radio audience about the merits of the Utra Light, the electric lantern which is enjoying widespread popularity. This lantern is supplied in a small metal case about four inches square, and can be made to reflect either white, red or green light. Mr. Fink has been very well pleased with the response given to his talk; as the postman has been busy bringing mail from people who heard the broadcast. Among the listeners to WGBS while Mr. Fink was talking were his own children, who became very enthusiastic. The youngest rushed to the loud speaker and shouted a greeting to her father, and on his return home asked him if he had heard her.

IRVING FINK

House Cleaning Sets

The Little Housekeeper House Cleaning set is one of four boxed House Cleaning sets manufactured by the Kiddie Brush & Toy Co. This line has a price range of 25c to $1.00 at retail, the one shown retailing at $1.00. There is a Mother's Helpmate retailing at 50c, and two very attractive Santa Claus Surprise Package numbers. All of the sets are finished in the new lacquer colors and are made with true adherence to details in grown up house keeping appliances. Sales counter appeal is secured through the use of exceptionally attractive boxes lithographed in four colors. A number of dealers have had very good results from using these items as leaders in spring toy sales, tying up their advertising with the annual house cleaning campaign. The line this year is distributed by Baker & Bennet Co for the United States, and by Geo. Borgfeldt & Co., Ltd., in Canada.

Paragon Furniture Change

The Paragon Furniture Co. anounces a change in sales representation in part of Brooklyn. Harry Wechsler will now call on the trade in that territory, where he is well known through having represented his company there in former years. Irving Wechsler, who has covered this territory recently, is no longer connected with the Paragon Furniture Co. The concern adds that they are ready to deliver Hartshorn go-carts and Paragon beach carts from New York stock, and also the complete C. H. Hartshorn fibre line

Redgrave's New "Pegatelle" Game

M. Redgrave's Bagatelle Co., of Jersey City, N. J., have just brought out a new game called "Pegatelle." The new game consists of a large clown finished in red, white and blue, with an opening in his throat to admit balls which are tossed by the players. The entire front of the figure contains a number of wooden pegs and the score is determined when the ball reaches the feet of the clown. The game is very attractively made up, and is packed in individual display boxes. This new number, as well as 7 sizes of Parlor Bagatelle, will be displayed during the Chicago Toy Fair in Room 783 at the Palmer House

Edwards With Ross & Ross

Ross & Ross, makers of quality stuffed dolls and animals, anounce the appointment of Tom B. Edwards as their representative in the East. He will cover the entire territory east of Buffalo and Pittsburgh, including New England and the Middle Atlantic states. Mr. Edwards has long been known in the doll trade, and his engaging personality and knowledge of modern merchandising needs have brought him a wide circle of friends among buyers, who will wish him well in his new connection. He is enthusiastic over the Ross & Ross line for this year, and believes their holiday numbers in stuffed toys and soft dolls will come in for a heavy play across the counter.

Twenty-Three Years in Wood Toys

Established back in 1907, at which time he began to fill the demand of the youngsters for popular-priced wood toys, F. W. Peterson, after twenty-three years, is still engaged in doing the same thing on what might now be called a larger scale. His line, which hitherto confined itself to tops, checkers, hockey sticks and toys of similar character, has now been amplified by the addition of an unusual line of wood toy items which retail for 15c. These include bassinet wagons, auto trucks, horse trucks, cradles and wheelbarrows. Mr. Peterson's complete output is designed particularly for jobbers and quantity buyers

F. W. PETERSON

New York Toy Fair

Rochester Folding Box Co.

Pictured here is the "Jackbilt Playhouse." It is collapsible and is made of fibreside board. It has eight windows, which can be opened and closed, has a colorful awning over each window and comes complete with chimney and dormer window. It is 45" high and 39" long. The door is large enough to permit the entrance of children of the twelve-year-old size. It retails at $3.00 and is sold as a jobbing item and to the department stores. Another item in a complete line of lithographed doll houses, ranging in price from 60c. to $2.00, is the "Jackbilt Fire Department." This is a fire house which actually ejects a fire engine. It has a bell on the roof which may be rung by the children

Shenandoah Community Workers

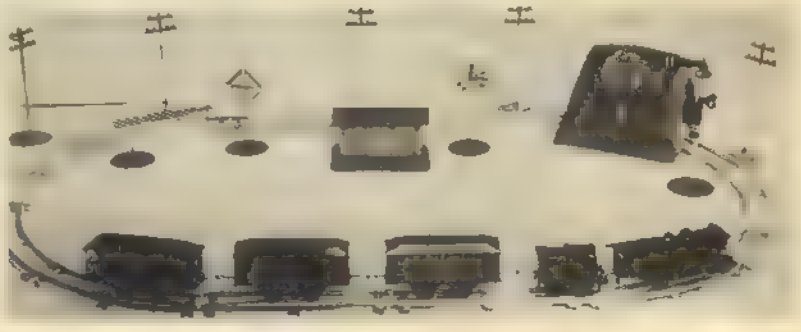
The Audubon Bird Picture Puzzles shown by this company for the first time this year, are the product of a community enterprise conducted by and in the interest of a group of native workmen in the Shenandoah Valley, twelve miles from the nearest railroad and the town of Mount Jackson, Va. The bird puzzle games are made expressly for the department store, gift shop and book shop trade, and retail for $1.00 coming three in a box, as shown. Other items manufactured in this community enterprise are "John Martin Beasties," which also retails for $1.00 a set, and the Shenandoah Building Blocks. The block sets cover a range of from $5.00 to $28.50

A. Reif & Co.

Here is a sample of an attractive briefcase line furnished in heavy Du-Pont cork-back material, all attractively decorated with assorted decalcomania designs and each complete with lock and key, made to retail for $1.00.

Mason Mfg. Co.

The table and chair set shown in the photograph is a $5.00 seller, with a 17½" high table and a top 20" square. Each chair is 22" high. The sets come packed one in a carton and are finished in green, ivory or maple, with decorations. These are made for all classes of the trade. Among other items produced in "The Mason Line," are nursery furniture, rubber-seat chairs, rocker-table sets, swings, dressers, desk sets and games; also dolls' chairs, rockers, beds, bassinettes, swings and cradles. The line includes merchandise selling from 10c to $10.00. One of the popular items well known to the trade made by this company is Neal Obstacle Golf.



Transogram Co., Inc.

The number shown in the photograph, this company's No. 1285, is a bubble set in an attractive suitcase with brass handles, riveted lock and a lithographed cover showing attractive scenes of various parts of the world. The bubble pipes are made with a brilliantly lacquered wood bowl and bright celluloid stem. The enameled dish, soap turtles and rubberized apron in a removable tray, complete the set. Designed for jobbers and department stores, this bubble set retails from 25c to $1.00. Among other items on display in the "Gold Medal" and "Gilt Edge" trademarked lines were games of all kinds, table and floor Kro-Kay, needlework sets, sewing cards, stencil sets, painting and crayon sets, aluminum sets, play boxes, writing sets and garden sets

Hafner Mfg. Co.

Featured in the permanent display of this manufacturer, in the showrooms of H. F. Mack & Bro., Inc., was the leading mechanical train special in the "Overland Flyer" line. This is the "Overland" No. 29 and consists of four-unit sections of track, engine, tender, three large cars, tunnel, station, clock, crossing signal, crossing gate, double-arm semaphore and six telephone poles. Packed all in one box, this No. 29 set retails for $5.00. It is typical of the "Overland" line, which offers improved numbers for 1930, covering a retail price range of from $1.00 to $5.00 and a wide variety of new accessories, embracing tunnels, bridges and stations

Featured Playthings

Marks Brothers Company

On this page there are shown two numbers in the line of the Marks Brothers Company. Described by the manufacturer as "A Good American Jack-in-Box" is the number pictured which, in the 5" high size, retails for 50c. It is also made in a 10" high number to retail for $1.00. In these numbers the manufacturer features the fact that the sounding device is of their own manufacture and is guaranteed to operate with a good, long sound. The "Kiddie" Cop Outfit shown comes in three numbers, which retail at $1.00, $1.50 and $2.50. The pictured number is the one that sells for $1.00 and consists of cloth hat, badges, varnished mahogany finish club, whistle and handcuffs.

Lehman Co. of America

The drop leaf table and chair set shown here is an early-American pattern, designed after the full-size breakfast room furniture manufactured by this company. The item shown is made in a Puritan grey, decorated in blue, with an enamel finish and hand-painted figures. This number is also made in a Stuart Oak and will retail in the neighborhood of $20.00. The company also featured during the Fair several new numbers in bench sets, consisting of table with two benches, shown in six or more color combinations—all with the same type of hand decoration described above. In addition, the well known line of this company, including doll beds, bassinets, cradles, chests, dressers, rocking chairs, bedroom furniture, play yards and kitchen cabinets, were also attractively displayed.

Junior Toy Co.

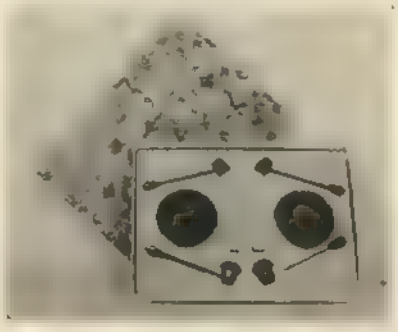
"Junior Toys for Girls and Boys" is the phrase used to describe the line of this company, one of which is pictured here. This small tubular number embodies the strength of the larger vehicles, is attractively finished and, together with other numbers and scooters which form the line, retails for $1.00 up. The company also manufactures junior novelties, camp table and stool sets, junior camping sets, costumers, bird cages and stands and shoe bags.

Gardner Screw Corp.

In this set of Garden Tools we find a rake that is 42" long, a hoe 38" long and a shovel 28" long. The metal in this set is 20-gauge, bright-finish steel and the handles are ⅜" Rock Maple Dowels. These are designed for the chain store, department store and jobbing trade and are made as 50c sellers. Other featured toys in the line, which are produced under the trade name of 'Good Scouts Delight," are the toy handcuffs, police sets, snow shovels, change makers and puzzles. The company also manufactures a complete line of bassinette hardware and automatic screw machine specialties.

American Bubble Pipe Co.

This leading item in the line of this company is a 25c seller, designed for all classes of the trade. The set includes two different kinds of bubble pipes, two cakes of bubble soap and a metal dish—all attractively displayed in a three color box. Their bubble pipes and bubble sets, eight in number, cover a price range of from 5c to $1.00. The product is known as the "Wood-Metal" Bubble Pipe.



Leaders in Lines

Uneeda Doll Co.

One of the popular-priced quality Uneeda numbers, with real hair wig, sleeping eyes and eyelashes, and a dress of voile, trimmed with ribbons, complete underwear, silk stockings and shoes to match, this number is particularly suitable for the department store trade. The "Uneeda" Line includes an extensive store line, ranging from 50c. to $10.00 retail.

American National Co.

Here we have the latest approved model Stutz Racer, 65" long, with full balloon pneumatic tires the size of which, in automobile parlance, is 2.50 by 12.75. It is finished in gleaming lacquer enamel and chromium plate and, selling for in the neighborhood of $35.00, is adaptable for both department store and jobbing trade. The photographed number is but typical of a complete line of juvenile vehicles, doll carriages and play yard equipment, all of which are produced under the trade name, "American."

Madmar Quality Co.

Pictured above is but one of the most complete lines of excellent picture and map puzzles produced by this company. The old and established favorites maintain their popularity with the visiting buyers, who also evidence considerable interest in several newcomers introduced by the company.

American Flyer Mfg. Co.

Pictured here is a number embodying this company's new development for 1930, which includes an entirely new line of narrow gauge electric trains, finished in baked enamel with solid brass trim and which are scaled reproductions complete in all details, of the most recent developments in American railway practice. The stream line construction of the low swung locomotive and cars permits high speed operation without danger of derailment. As an added development in this quest for speed, a special banked track of wider radius is now supplied with the entire new narrow gauge train sets. Other new features in the line this year are remote control lighted semaphores, high-speed trucks, automatic ringing bells, self-closing doors, automatic and remote control switches, crossing gates and a complete line of dial-type speed-control ling transformers with fractional voltage steps.

The Mordt Company

The Gym Sets made by this company consist of trapeze, swinging rings and swing, and the manufacturer features the fact that they are unbreakable. Sets to meet certain living requirements—for apartment, parlor, basement, attic or yard use—were also displayed. All numbers are equipped with case hardened ceiling hooks and are packed in attractive display boxes. The photograph shows the display stand that the manufacturer furnishes to department stores who order in quantities. A smaller display fixture, suitable for wall attachment, is furnished for jobber distribution. The prices for these Gym Sets range from $1.50 up to the Senior set, which sells at $7.50. Sets employing heavy duty metal stands, for small schools and playgrounds, retail at $40.00 and $60.00. Other products of this company shown were the Lon M x Rodeo ropes, Jumping Ropes, Ring Toss games and Children's Swings.

Newest Novelties

Domec Dolls, Inc.

This is "Kewty," described by its manufacturer as the outstanding character doll of their line. It is a 15" high, all-jointed, composition doll, with a head that turns and tilts in numerous poses. It has an attractive bow in the headdress and comes packed one in a box. This, together with a full line of quality dolls at popular prices, covering a retail price range of from $1.00 to 15.00, is made to sell through all classes of the trade.

Gould Mfg. Co.

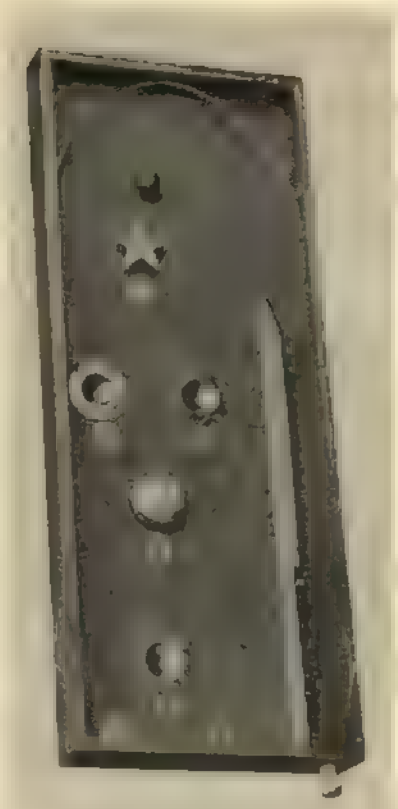
The number shown here is a large-size, high gloss enamel finished item coming in eleven different colors of an unusually striking appearance. It is equipped with a safety saddle seat and is made of plywood construction. These "Toddler Toys" are offered in many other beautiful designs and the entire line, which includes Shooflies, Rocking Horses, Hobby Horses, Doll Cradles, Bassinets, Nursery Toys, Wheel Toys and Wooden Pull and Action Toys, retail from 50c to $7.50, being particularly adaptable to the department store and jobbing trade.

Mutual Novelty Mfg. Co.

Characterized by its manufacturer as "The largest and prettiest box of icicles ever shown to retail at 10c," the attractively boxed silver ribbon icicles were featured by this company as being particularly adaptable to jobbers, chain stores, department stores and wholesale drug companies. An attractive line of 5c and 10c retailers also included artificial snow in mica and asbestos, a new and improved glass tree ornament hanger, colored icicles and new sparkling floss in all colors, designed for Christmas tree decoration.

Johnson Randall Co.

These Juvenile Rockers are built to serve as practical children's furniture. They have ship seats of cretonne 13" by 14" and come finished in an attractive array of enameled colors with fitting decorations. Made to sell to department and chain stores, the retail price range is from $2.50 to $10.00.



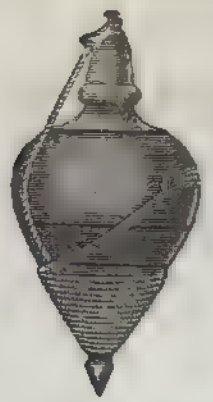
M. Redgrave's Bagatelle Co

The Bagatelle Game shown is the Style B. It is 23½" by 8½", has a varnished frame, is sturdily built, has a green cloth base and comes packed individually, with three clay marbles. Style C is the same, but comes in a Chinese red lacquer frame with a felt base and is equipped with three glass marbles. It is sold through all classes of the trade, Style B selling for $1.00 retail and Style C for $1.50. In addition to seven sizes of Bagatelle, this exhibitor also displayed "Pegatelle."

Canvas and Leather Novelty Co.

Here are shown three of the "Canlea" products made by this company. The bags are made of suede in four attractive colors, and are 11" wide by 8½" high. They are made expressly for youngsters of the kindergarten age, and the earlier classes. Shown also was an attractive line of similar products.

SPINNING TOPS



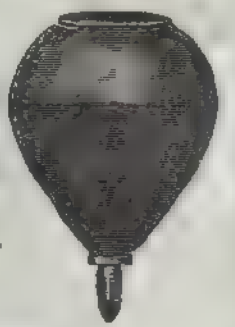
GIRLS TOPS

Turned hardwood; stained, assorted colors: green and red; steel spike; furnished with cord, swivel and button.

Per Doz

No. 600—Size 1½x3¼ ins ... $1 35

Two doz in carton; wt per doz 2¼ lbs.



SPIKE PEG

Turned hardwood; stained assorted colors, green and red; steel peg.

Nos.	00	1	3
Size, ins	1¾x2	1½x2½	1¾x2½
Doz in carton	12	6	3
Wt gross, lbs.	6	7	8
Per Gro	$2 70	4 05	9 00

BALL PEG

Turned hardwood; enameled assorted colors; green and red stripe around body; steel ball peg.

Per Doz

No. 10—Size 1¾x2½ ins ... $1 20

Two doz in carton; wt per doz 2 lbs.

BALL BEARING

Turned hardwood; stained assorted colors, green and red; spins on steel ball encased in steel peg.

Per Doz

No. 200—Size 1¾x2½ ins $1 20

Three doz in cardboard box; wt per doz 1¼ lbs.

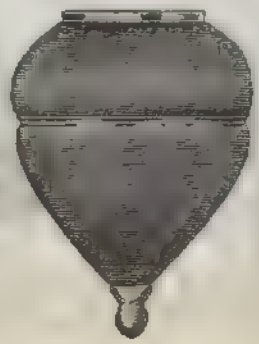
BUSTER

Turned hardwood; stained assorted colors, green and red; spins on steel peg which rests on a rubber cushion, giving a high bounce when spun.

Per Doz

No. 250—Size 1¾x2½ ins ... $1 26

Three doz in cardboard box; wt per doz 1¼ lbs.



RUBBER NECK

Turned hardwood; enameled assorted colors, red and green; rubber neck and steel peg.

Per Doz

No. 1000—Size 1¾x2¾ ins $1 35

Three doz in carton; wt per doz 1¼ lbs.

SPINNING TOPS

BALL BEARING

Turned hardwood; polished; red, white and blue striped around top; spins on a steel ball encased in a steel peg.

Per Doz

No. 400—Size 2⅛x2¾ ins ... $2 40

Three doz in carton; wt per doz 2 lbs.

TOP CORD

Strong white seine twine.

Per Gro

No. 6—Length 6 ft ... $1 95

One gro in bdle; wt per gro ½ lb.

ARTIFICIAL CHRISTMAS TREES

Artificial evergreen on wire branches, with a frost covered effect, red berries on tips of branches. Round pot painted white, decorated with children's pictures and gold band.

Per Doz

No. 200—Has 19 branches; height over all 22 ins ... $2 50

Half doz in box; wt per doz 9 lbs.

Artificial, everlasting evergreen on wire branches, red berry ends; branches fitted with bright finish metal candle holders. Folds flat against trunk, white enameled turned wood stands.

Per Doz

No. 65—Has 19 branches; height over all 26 ins; wt per doz 6 lbs $12 00

One doz in box.

No. 100—Has 31 branches; height over all 40 ins; wt per doz 10 lbs ... 24 00

Per Doz

No. 120—Has 40 branches; height over all 48 ins; wt per doz 15 lbs ... $39 00

No. 130—Has 50 branches; height over all 52 ins; wt per doz 23 lbs ... 57 00

No. 150—Has 53 branches; height over all 60 ins; wt per doz 33 lbs ... 84 00

Half doz in box.

CHRISTMAS TREE HOLDERS

Wood, painted green, adjustable to any size tree. Complete with bolts, washers and winged nuts for setting up.

Per Doz

No. 10—Spread 20 ins; height 6¼ ins.....$12 75

One in cardboard box; K. D; one doz in carton; wt per doz 28 lbs.

Steel, green enameled finish. Adjustable to hold any size tree. Folds when not in use.

Per Doz

No. 7—Spread 16 ins $15 00

Half doz in cardboard box; wt per doz 20 lbs.

⅝ inch green enameled flat steel uprights with ½ inch braces; 1 quart capacity, copper finish metal water container. When filled keeps tree fresh and prevents needles falling. Adjustable for all size trees.

Bored for fastening to base or floor. Per Doz

No. 1—Spread of base when set up 20 ins; height when spread 11 ins $28 50

Half doz in carton; wt per doz 18 lbs.

CHRISTMAS DECORATIONS

Hinoki Festooning or Roping.

Fine hinoki twisted on 3 ply cotton warp giving round effect, a very popular type of decorative material; diameter 1⅛ inch.

Per Bdle

No. 1001—Red; 60 yds in bundle $1 08

No. 1002—Green; 60 yds in bundle. 1 08

Wt per bundle, 6 lbs

Per Gro

No. 1003—Red, 4 yds in roll..... $13 50

No. 1004—Green, 4 yds in roll..... 13 50

No. 1005—Red, 10 yds in roll..... 28 50

No. 1006—Green, 10 yds in roll 28 50

Wt per gro, 27 lbs

Hinoki Wreaths.

Red hinoki roping wound over a heavy cardboard frame.

Per Gro

No. 1007—Diam 7 ins; with green spray and pine burr.....$27 00

Three doz in box; wt per gro 35 lbs. Per Gro

No. 1008—Diam 12 ins; with green sprays and silver leaves.....$78 00

One doz in box; wt per gro, 50 lbs.

CHRISTMAS STOCKINGS

Assorted red and white netting stockings filled with an assortment of small toys.

Per Doz

No. 4½—Contains 12 toys; length 16 ins; wt per doz 3½ lbs..... $6 75

No. 6—Contains 18 toys; length 19 ins; wt per doz 4¾ lbs..... 13 50

Half doz boxes in cardboard box.

CHRISTMAS TINSEL

SILVER SLEET

In attractively printed holiday color display window folders. Length of strands 18 inches. For decorating Christmas trees, display windows, parties, etc.

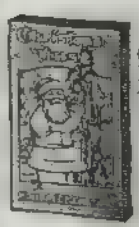
Per Gro Packages

No. 205—Small size contains ¾ oz of silver tinsel in compact window folder 8x2¾ ins; wt per gro 17 lbs.....$12 00

No. 210—Large size contains 1¾ ozs of silver tinsel in compact window folder 10x 2¾ ins; wt per gro 27 lbs 24 00

One gro in carton.

SILVER SLEET



Silver tinsel in attractively printed holiday color compact folder. Length of strand 18 inches. For decorating Christmas trees, display windows, parties, etc.

Per Gro Packages

No. 105—Small size contains ¾ oz of silver tinsel in compact folder 6½x4x⅛ ins; wt per gro 17 lbs $12 00

No. 110—Large size contains 1¾ ozs of silver tinsel in compact folder, 7¾x5 ins; wt per gro 27 lbs 24 00

One gro in carton.

TOY BALLOONS

ASSORTMENT

Assortment is furnished in an attractive display box; assorted colors and sizes; window display poster furnished with each assortment.

Per Ass't

No. 50—Consists of 144 pieces, 36 of each number; wt per ass't 11½ lbs; (Retail Value $7 20)..... $13 60

One ass't in cardboard box.

FRED C. MONKHOUSE

200 FIFTH AVENUE, NEW YORK

ROOM 453, Fifth Avenue Building

Direct Factory Salesman

A. H. FOX GUN CO.

Philadelphia, Pa.

FOX-SAVAGE PLAY GUNS

A. C. HORN CO.

Long Island City, N. Y.

POSTER COLOR CRAFT

S. S. ADAMS CO.

Asbury Park, N. J.

REAL MAGIC SETS

Complete Lines on Display during the

CHICAGO TOY FAIR

at the

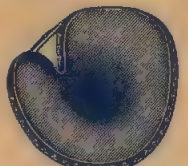
PALMER HOUSE

ROOM 795

CATCHER'S—BASEMAN'S BASEBALL MITTS

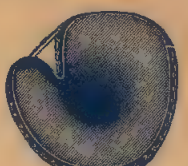
No. 1654 BOY'S CATCHER'S MITT. This is a good full size, suitable for boys and youths. Made of tan leather, palm and fingers, with black leatherette back, nicely trimmed. Has lacing between the thumb. Well padded, deep pocket and strongly stitched.
Each ..... .75

No. 3540 BASEMAN'S MITT. Full regulation size and a real professional model. Has strong rawhide lacing all around and is made of genuine Horsehide leather, nicely padded with deep ball pocket. Metal eyeleted lacing with adjustable strap and buckle at back. All seams welted and double stitched. Full lined, heavily padded.
Each 1.90

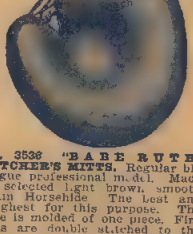


No. 3537 CATCHER'S MITT. Professional model extra thick, with deep molded pocket, genuine horse hide, tan color, heavy quality, black leatherette back, lacing all around edge, adjustable thumb, heavy lace strap, large size.
Each 1.35

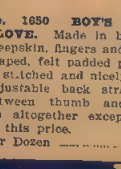
No. 3539 "BABE RUTH" BASEMAN MITT. This has the sure, real catch quality of the professional model and gives the player confidence in his playing to stop and hold any ball. Made of fine quality light brown Horsehide. Fitted with hand made felt padded natural built-in pocket, which may be adjusted by the lacing when desired. It has leather bound edges and leather facing. Strap and buckle at wrist with "Protector" under the buckle to prevent chafing. Pocket may be made high or low, wide or closed with the lacing to suit the individual taste. It is a real baseman's mitt.
Each 4.25



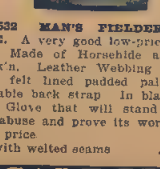
No. 3538 BASE BALL CATCHER'S MITT. A good popular number, regulation size, made of Horsehide leather, palm and back with welted seams. Metal eyelet lacing. Well molded and padded. Made 10 in. long and same in width. A model that is very popular and much appreciated at this price.
Price Each 2.50

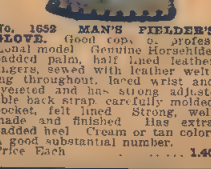


No. 3536 "BABE RUTH" CATCHER'S MITTS. Regular big league professional model. Made of selected light brown, smooth grain Horsehide. The best and toughest for this purpose. The face is molded of one piece. Fingers are double stitched to the back. The edges are leather bound and laced. Strap and buckle wrist holds the mitt on snugly. Full lined. Leather extension on the buckle prevents chafing. With a very well formed deep sure-catch pocket. Lacing is adjustable, permits pocket of extra depth.
Price Each 6.00



Fielders' Gloves





No. 1650 BOY'S FIELDER'S GLOVE. Made in brown or tan sheepskin, fingers and palm. Well shaped, felt padded palm, strongly stitched and nicely made. Has adjustable back strap. Webbed between thumb and forefinger. An altogether exceptional value at this price.
Per Dozen 5.28

No. 3532 MAN'S FIELDER'S GLOVE. A very good low-priced glove. Made of Horsehide and sheepskin. Leather Webbing at thumb, felt lined padded palm. Adjustable back strap. In black color. Glove that will stand a lot of abuse and prove its worth at the price.
Each, with welted seams ..... .80

No. 1652 MAN'S FIELDER'S GLOVE. Good copy of professional model. Genuine Horsehide padded palm, half lined leather fingers, sewed with leather welting throughout, laced wrist and eyeleted and has strong adjustable back strap carefully molded pocket, felt lined. Strong, well made and finished has extra padded heel. Cream or tan color. A good substantial number.
Price Each 1.40

BELL NEWS

East Hampton, Conn., U. S. A.

IN THE INTEREST OF GOOD AMERICAN TOYS 1930

TOYS WITH BELLS MEAN BIGGER SALES

Motor Coach With Bells

Moving Van With Bells

Here are two more new GONG BELL numbers which are splendid values and should meet with immediate success.

U. S. MOTOR COACH 440

These items are described fully in our new colored circular. Be sure and send for it or, better still, see the whole line at our Sales Agents.

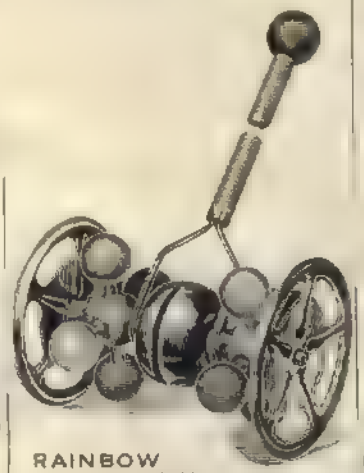
LONG DISTANCE MOVING VAN 435

Send for Samples of All the New Gong Bell Items

POPULAR PRICED PUSH CHIMES

Many Improvements Have Been Made In the GONG BELL Line of Push Chimes.

The most important improvement in this line is the addition of this new number 15P.



RAINBOW PUSH CHIME 15P

The size of this item is about twice what one would expect for the price and has been made without sacrifice in finish or construction.

The Gong Bell Mfg. Company Headquarters For Toy Telephones, Bell Toys and Bells

At the plant of The Gong Bell Mfg. Company, East Hampton, Conn., new buildings to the extent of 5200 sq. ft. are under construction

EARLY ORDERS MEAN PROMPT DELIVERIES

SEE THIS ENTIRE LINE

The Entire Line of GONG BELL Toys Will be on Display at:—

Strobel-Wilken Co., Inc., New York
The Owens-Kreiser Co., New York
The G. E. Dalton Co., Pacific Coast

MAMMOTH BELL TOWN TRACTOR NOW WITH TRAILER

Everyone remembers how the Tractor sold so nice and now it has a trailer at a slightly higher price. (We apologize for the rhyme.)

BELL TOWN TRACTOR AND TRAILER 405T

The sales of many of the following items are even increasing from year to year:

- **Jingling Jim 807**
- **Teetering Twins 808**
- **Rainbow Chime 809**
- **Tandem Chime 801**
- **Whirling Monoplane 803**
- **Pedal Pete 804**
- **Ring-O-Round 805**
- **Jingle Bunny 806**
- **Roll-O-Chime 909**

A TOY LAWN MOWER FOR LITTLE TOTS SAFE AND SENSIBLE

Here is a new Toy Lawn Mower which a child can use outdoor or in. Not only is it an attractive lawn mower, but it is a real Bell Toy, too.

Five differently colored dowels revolve and the bells ring as it is pushed along

MERRY MOWER PUSH CHIME 430

This is a Spring Item which you should have in your stock right now.

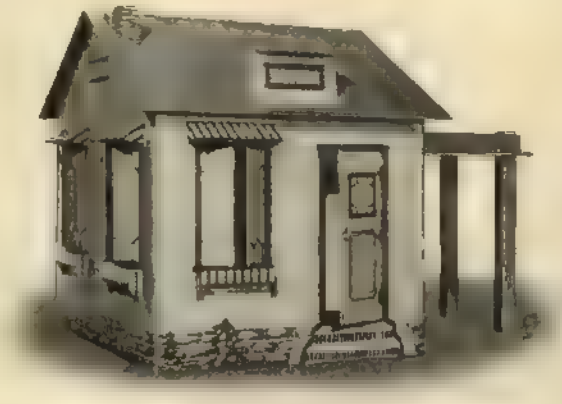
Send for the New Colored Circular Illustrating All These New Items

AN EXCEPTIONAL VALUE

The Terre Town Play House

Retailing for $3.00

SUBSTANTIAL AND PRACTICAL



Dimensions of the No. 500 PLAY HOUSE (Packed Each in Carton)—Length, 35″; Width, 39″; Height at Ends, 30½″; Height in Centre, 39″. Portico extends 22″ from House

NEW FEATURES:—Sun Porch, Flower Boxes, French Windows, Two Chimneys and Dormer Windows, House Attractively Finished in Green and Red

ADDITIONAL NUMBERS

No. 200—Special Dollar Day Doll House
No. 50—Garage and Four Toy Houses to Retail for 50c.
No. 300—Indian Teepee to Retail for $2.00.

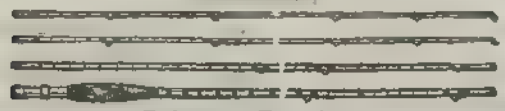
SOLE DISTRIBUTORS

BAKER AND BENNETT CO.

873 BROADWAY NEW YORK CITY

BAMBOO FISHING RODS

DIVINE

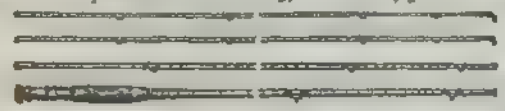


Rainbow Fly Rods.

Three joints and extra tip. Finest grade of selected bamboo in six strips from butt to tip, held firmly together with special quality tough elastic glue; stained a rich chestnut brown finish; solid drawn seamless nickel silver ferrules with gun metal mountings; perfection first guide and tip tops, wound with jasper silk trimmed with red silk; cork grasp. Each

No. 1RF—Length 9 ft. ..... ✦ 82 50 *$37 50*

One in partitioned cloth bag; wt each 5½ ozs.



Dry Fly Rods.

Three joints and extra tip. Finest grade selected bamboo in six strips from butt to tip, held firmly together with special quality tough elastic glue; finished with high grade varnish; file tapered ferrules and oxidized mountings; agate first guide and tips with imported steel snake guides between; cork grasp.

Nos.	1F	2F	3F
Length, ft	10	9½	9
Wt each, ozs.	6¾	6¼	5½
Each	✦90 00	*$45 50*	

One in partitioned cloth bag.

MONTAGUE CITY ROD CO.

Casting.

Two joints; good quality split bamboo, varnished; cork grip; full nickel plated metal mountings; solid metal reel plate and finger pull; silk wound large two ring casting guides and wire casting top, silk wound at intervals. Each

No. 1021—Assorted lengths 4 to 5½ ft. $3 30

One in partitioned cloth bag; average wt each ¼ lb.

Casting.

Two joints. Good quality split bamboo rod; nickel mountings; reel seat above hand; cork grasp; large spiral casting guides; three ring tip.

Nos.	481-4½	481-5	481-5½
Length, ft	5	6	6½
Wt each, ozs	4	4½	5
Each		$3 90	

One in partitioned cloth bag.

Casting.

Three joints. Good quality split bamboo; nickel mountings; reel seat above hand; cork grasp; large spiral guides; three ring tip.

Nos.	371-4½	371-5	371-5½
Length, ft	4½	5	5½
Wt each, ozs.	6	6½	7
Each		$4 65	

One in partitioned cloth bag.

✦F. O. B. New York Factory Only.

BAMBOO FISHING RODS

MONTAGUE CITY ROD CO.

Casting.

Two joints. Good quality split bamboo; fancy wound with red and black silk; nickel mountings; reel seat with finger hook; one-piece casting guides and stirrup tip.

Nos.	483-3	483-3½	483-4	483-4½	483-5	483-5½
Lgth ft	3	3½	4	4½	5	5½
Wt each, ozs.	3½	4½	6	6½	7	7½
Each				$6 15		

One in partitioned cloth bag.

Bait Rod.

Three joints and extra tip. Good quality split bamboo rod; wound at intervals with two colors of silk. Nickel mountings; capped ferrules, solid metal reel plate above the hand; funnel tops; spiral guides.

Nos.	510-9½	510-10	510-10½
Length, ft	9½	10	10½
Wt each, ozs.	9	10	11
Each		$6 60	

One in partitioned cloth bag.

Casting.

Two piece, split bamboo rod; wound with red and black silk; cork grip, nickel plated mountings; regular reel seat; finger hook; agatine guides and top.

Nos.	MC30-3	MC30-3½	MC30-4	MC30-4½	MC30-5
Length, ft	3	3½	4	4½	5
Wt each, ozs.	5	6	6½	7	8¼
Each			$11 25		

One in partitioned bag.

UNION HDW. CO.

Three piece, Japanese bamboo; ¾ inch enamel grip; nickel plated mountings; improved nickel plated ferrules and spiral guides.

Bait Casting.

Nos.	105-9	105-9½
Length, ft.	9	9½
Wt each, ozs.	10	12
Each	$3 00	3 00

One in paper bag.

SOUTH BEND

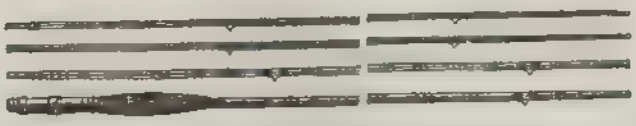
Bait Casting.

Two piece, split bamboo; wound with red silk; double solid ringed cork grip; nickel silver mountings; flanged reel band with finger hook attached and tapered hood at rear of reel seat; genuine garnix guides and top.

Nos.	SB7-4	SB7-4½	SB7-5
Length, ft	4	4½	5
Wt each, ozs.	3	3½	4¾
Each	$16 50	16 50	16 50

One in partitioned cloth bag; wt each 4 ¾ ozs.

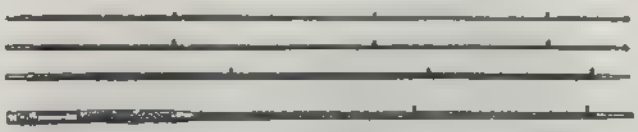
BAMBOO FISHING RODS
MONTAGUE CITY ROD CO.



Four joints. Selected split bamboo, varnished; nickel plated mountings; locking reel seat; solid sectional cork grip; fancy color winds; steel snake guides.

	Each
No. 2304—Length 9, 9½, 10 and 10½ ft.	$9 00

One in partitioned cloth bag; average wt each 7 ozs.

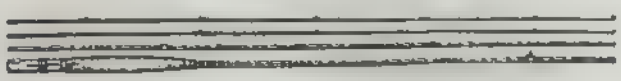


Fly Rod.

Three joints and extra tip Good quality split bamboo rod; wrapped with two colors of silk, nickel mountings; solid metal reel plate below the hand improved and welted ferrules; rings and keepers.

Nos.	**010½-9-9½**	**010½-10**	**010½-10½**
Length, ft.	9½	10	10½
Wt each, ozs.	9	10	11
Each		$10 80	

One in partitioned cloth bag.

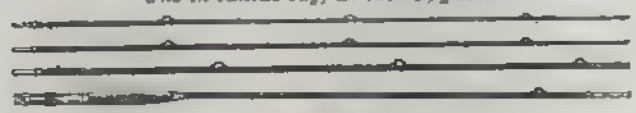


Fly Rod.

Three joints and extra tip. Prime bright Calcutta bamboo rod wound at close intervals. Six strips firmly cemented together. Full nickel plated mountings; patent water tight reel plate and welted ferrules; cork grip; silk wound rings and keepers; agate tip.

	Each
No. 100½—Assorted lengths, 9 to 10½ ft.	$18 75

One in canvas bag; wt each 9½ ozs.



Fly Rod.

Three joints and extra tip. Selected Calcutta bamboo rod wound at close intervals with two colors of silk with the butt swelled nearly to the size of reel plate; nickel silver mountings; solid metal reel seat and welted ferrules; cork grip; silk wound rings and keepers.

	Each
No. 200½—Assorted lengths, 10 to 10½ ft.	$24 75

One in canvas bag; wt per doz 7½ lbs.

SOUTH BEND

Fly Rod.

Highest grade carefully matched strips of selected bamboo. Three piece fly rod with extra tip; genuine nickel silver fittings throughout; reel seat with nickeled flanged reel band; solid cork grip 7½ inches in length; genuine agate first guide, with other guides of bronzed, tool steel hardened; hand welted serrated ferrules; attractively wound in golden rod yellow and black silk.

Be sure and specify length when ordering.

	Each
No. 20—Assorted lengths 8½, 9 and 9½ ft.	✚$55 05

One in partitioned canvas bag; wt each about 6 ozs.

✚F. O. B. Indiana Factory Only.

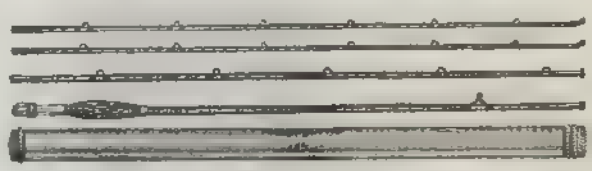
BAMBOO FISHING RODS
HEDDON'S

Fly Rod.

Three joints and extra tip joint. Selected tempered brown-tone bamboo rod; light finish hardwood reel seat; hard steel snake guides. **Be sure and specify length when ordering.**

	Each
No. 14—Assorted lengths 8½, 9 and 9½ ft.	✚$33 00

One in partitioned canvas bag; wt each 10 ozs.



New Heddon Fly Rod.

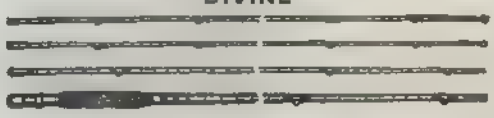
Selected quality Chinese brown tone three piece bamboo rod, closely wound with yellow and black silk. With extra tip; tungsten steel agate butt guides and tip tops; solid cork grip. Solid nickel silver tapered split ferrules; tan-colored velvet bag; aluminum case with nickel screw cap.

Be sure to specify length when ordering.

	Each
No. 35H—Length 8½, 9 and 9½ ft.	✚ 74 25

One in floating aluminum case; wt each about 5 ozs. *$85 00*

DIVINE



Trout Rods.

Three joints and extra tip. Selected bamboo in six strips from butt to tip, held firmly together with special quality tough elastic glue; finished with high grade varnish; solid drawn seamless nickel silver ferrules, banded with solid welts; snake guides and heavy reel seat wound with silk cork grasp.

Nos.	**1T**	**2T**	**3T**	**4T**	**5T**
Length, ft.	10	9½	9	8½	8
Wt each, ozs.	6	5¾	5	4¼	4
Each		✚66 00	*$50 00*		

One in partitioned cloth bag.

Special Fly Rods.

Three joints and extra tip. Selected bamboo in six strips from butt to tip, held firmly together with special quality tough elastic glue; finished with high grade varnish; solid drawn nickel silver serrated ferrule; imported steel snake guides; cork grasp.

Nos.	**1SF**	**2SF**	**3SF**	**4SF**
Length, ft.	10	9½	9	8½
Wt each, ozs.	5¼	4¾	4½	4¼
Each		✚76 95	*$55 00*	

One in partitioned cloth bag.

✚No. 35H—F. O. B. Indiana Factory Only.
✚Nos. 1T and 1SF—F. O. B. New York Factory Only.
✚No. 14—F. O. B. Michigan Factory Only.

CALLMAC BUGS

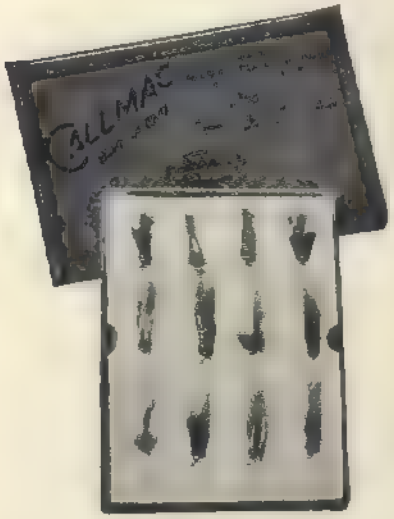
SOUTH BEND

BASS

The variation in weather and water conditions makes it desirable and practical for anglers to be equipped with a variety of bugs. This assortment contains 12 of the most popular bass patterns. Packed 12 assorted in a neat box, mounted on a card, perforated into twelve sections.

No. 310. Wt.ea.approx. ¼ oz.Each**$0 65**

TROUT



Same style as the Callmac Bass bug but smaller in size. This assortment contains 12 of the most popular trout patterns. Tied on No. 8 T.D.E. Model Perfect bronze hook.

No. 320. Wt ea.approx.¼ oz.Each **$0 50**

One dozen on a perforated card

BASS LURES

TWIN SPINNER

SHANNON

One of the most popular and successful baits ever devised for Black bass. Can be used freely in the thickest weeds or lilies without fear of fouling. Is wonderfully attractive and a deadly killer. Made with No. 2½ spoons and extra stout No. 4/0 hooks. Wt. ea. 1 oz. Carried in the following patterns

Red and white bucktail.
Red and yellow bucktail.
Natural bucktail
Yellow Bucktail.
Red bucktail.
Squirrel tail.

Shannon Twin Spinner.. ..Each $1 00

One on a card; one dozen in a box.

FLOATING MOUSE

LEE'S

Exceedingly lifelike; made of mole skin; floats and acts like live mouse. It is light and can be used on fly rod. An excellent lure for bass and large trout. Length 2½ inches overall.

Sizes	2	4
Wt. doz.. ozs.	3	2
Each $0	50	50

One dozen in a box

ORIENTAL WIGGLER

AL FOSS

This wiggler is made to use with pork rind bait, and is very effective. Made of solid celluloid Pyralin; practically indestructible. Has a hand forged O'Shaughnessy hook. Carried in all red, all white, red and white combination. Packed, one wiggler in a tin box

No. 3. Size, 3/0 hook. Wt. each, ⅜ oz. .....Each **$1 00**

No. 4. Size 2/0 hook. Wt each, ½ oz. .....Each **$1 00**

One in a box.

DIXIE WIGGLER

AL FOSS

Made of brass, nickel plated; fitted with either red or yellow bucktail; can be used with or without pork rind. This spinner cuts its way through the weeds, making a clear passage for the hook.

No. 13. Size 3/0 hook. Wt. ea. 5/8 ozs. .....Each **$1 00**

No. 14. Size 1/0 hook. Wt. ea., ½ oz. .....Each **$1 00**

SHIMMY WIGGLER

AL FOSS

Made of brass, nickel-plated; fitted with red or yellow bucktail. Designed to work successfully in any kind of water. Can be used with or without pork rind.

No. 5. Size 3/0 hook. Wt. ea. ⅝ oz. ... ... Each **$1 00**

LITTLE EGYPT WIGGLER

AL FOSS

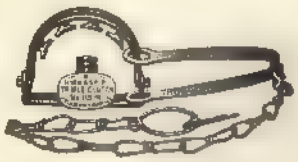
This spinner arrangement, fitted with a strip of pork rind, is an excellent lure for bass and large trout. The pork rind strip is attached by impaling on the hook and the forward end, put under clamp as shown in cut. Made of brass, heavily nickel plated. One size only, fitted with number 3/0 hand forged O'Shaughnessy hook. Packed one wiggler in tin box. Wt. each, ½ oz.

Little Egypt Wiggler.....Each $0 75

All above, one in a box.

GAME TRAPS

TRIPLE CLUTCH



Nos. 115X and 215X.

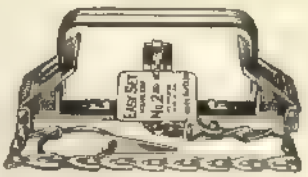
Triple Clutch Traps have three grips; upper, lower and middle ball grips. Pull, twist and gnaw proof. No bone breakage. After being set the springs of Triple Clutch Traps may be turned in any direction, from extreme right to extreme left or any position between these limits, and both jaws will still lie flat. This saves labor of cutting out or removing what would be obstructions with other makers' traps.

No. 115X. For muskrat, skunk, mink, etc.

No. 215X. For fox, coon, wildcat, opossum, etc.

No	Spread of Jaws In.	Size of Pan In.	Length of Trap In.	Length of Chain In.	Wt. doz., Lbs.	Doz.
115X	4⅞	1¾x2½	8	18	8⅝	$ 4 75
215X	6⅛	2¼x3	9½	19	13⅞	7 25

EASY SET—SQUARE GRIP



Nos. 2, 3 and 4.

Here is the trap that eliminates all necessity for setting clamps and does away with the dangerous practice of trying to set a double spring trap with slippery boots. Now you hold even the largest size trap right in the hands and complete the setting operation quickly and with entire safety. Men in saddle or on snowshoes will value this exclusive feature. Square jawed traps with long gripping rim offer increased opportunity for capture over traps with round or oval shaped jaws.

No. 2. For fox, coon, wildcat, opossum, etc
No. 3. For coyote, wolf, lynx, badger, etc.
No. 4. For wolf, otter, beaver, lynx, etc.

No	Spread of Jaws, inches	Weight Dozen pounds	Dozen
2	5	18	$ 7 35
3	6	30	12 00
4	6½	32	14 50

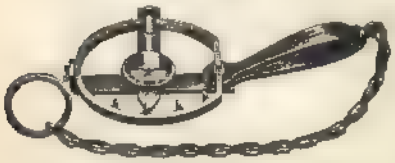
NEWHOUSE

Newhouse traps are of the highest quality. Springs are extra heavy and very powerful, being made from a special quality of steel.

Nos. 1 to 1½, Single Spring.

Nos. 2, 3 and 4, Double Spring.

No. 14 Double Spring, With Offset Jaws and Teeth.



No. 2½, Single Spring With Teeth.

No. 15 Double Spring, With Offset Jaws and Teeth.

SETTING CLAMPS

For use in compressing springs when setting steel traps
No. 5. Wt. doz., 10½ lbs. Dozen $10 00

No. 1. For muskrat, skunk, opossum, rabbit, etc.
No. 1½. For mink, raccoon, fisher, skunk, etc.
No. 2. For fox, raccoon, fisher, wildcat, etc
No. 2½. For otter, beaver, etc.
No. 3. For otter, lynx, coyote, wildcat, beaver, badger, etc.
No. 4. For wolf, otter, lynx, cougar, beaver, wolverine, etc.
No. 14. For beaver, otter, etc.
No. 15. For bear, etc.

No.	Spread of jaws In.	Diam. of Pan In.	Length of Trap In.	Length of Chain In.	Wt Doz. Lbs.	Doz.
1	4	1¾	8⅛	10½	9⅞	7 50
1½	4⅝	2⅛	9⅝	22	14⅜	11 50
2	4⅝	2⅛	14⅝	22	17⅞	16 50
2½	5½	2½	11	26	25⅞	26 00
3	5⅝	2½	17	26	28⅝	22 00
4	6⅜	2¾	19	26	38¼	26 00
14	6⅜	2¾	19	26	40	27 50
15	11¾	4	34½	18	284	180 00

A setting clamp is packed with each No. 15 trap.

GAME TRAPS

TRIUMPH

Nos. 0 to 1½, Single Spring.

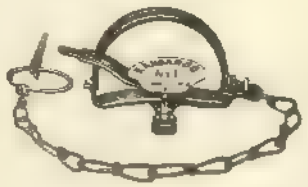
Nos 2 to 4, Double Spring

"Triumph" is the only long spring trap in which both jaws lie perfectly level and flat, with the spring turned in any direction. This valuable feature appeals to every user. The high carbon steel springs, uniformly tempered and carefully tested are full of strength and vigor. The pan is hinged high above surface water—positively non-freeze and non-clog. The unbreakable, all-steel jaws, strongly trussed and well formed, insure a firmness of grip much desired by every trapper. All excess and useless weight has been eliminated. The rigid guarantee protects both trade and user. Numbers 3 and 4 "Triumph" Traps are equipped with strong "Everhold" flat link chain.

No. 0. For barn rats, weasels, gophers, etc.
No. 1. For muskrat, skunk, mink, etc.
No. 1½. For mink, skunk, opossum, etc.
No. 2. For fox, coon, wildcat, etc.
No. 3. For badger, wolf, coyote, lynx, etc.
No. 4. For wolf, lynx, badger, coyote, etc

No	Spread of jaws In.	Diam. of Pan In.	Length of Trap In.	Length of Chain In	Wt Doz. Lbs.	Doz.
0	3½	1½	7⅜	16	5¼	$ 4 25
1	4	1⅝	7⅞	18½	7½	5 00
1½	5⅝	2⅛	9¼	19	10⅞	7 50
2	4⅞	2⅛	14¼	19	14½	10 50
3	5⅜	2⅝	16¾	21	24	14 00
4	5¾	2⅝	18¾	21	27	16 50

KANGAROO



Nos. 1 and 1½, Single Spring.

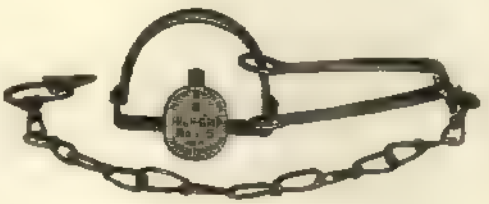
A compact, easily concealed trap. Especially desirable for den sets or within narrow runways. Unlike all other traps, the springs of "Kangaroo" are full width at the bend, the point of greatest strain, and being neither slotted nor riveted, the limit of strength and durability is secured. Top and bottom springs are cleverly interlocked, facilitating renewals without special tools. Pan is hinged high above surface water. Positively non-freeze and non-clog. All traps equipped with chains and rings.

No. 1. For muskrat, skunk, mink, etc.
No. 1½. For skunk, mink, muskrat, etc.

No	Spread of Jaws In	Diam. of Pan In.	Length of Trap In	Length of Chain In.	Wt.Doz. Lbs	Doz.
1	4¾	2¼	5⅛	18	7½	5 00
1½	5⅛	2½	5¾	18½	9	7 50

HIGH GRIP

High Grip Traps grip the animal high up on the leg where bone and flesh are heavier. The higher the grip the surer the hold. By using High Grip Traps the trapper increases his catch, consequently increases his profits. After being set, the springs of High Grip Traps may be turned in any direction, from extreme right to extreme left or any position between these limits, and both jaws will still lie flat. This saves labor of cutting out or removing what would be obstructions with other makers' traps.



Nos. 115 and 215 Single Spring.

No. 115. For muskrat, skunk, mink, etc.

No. 215. For fox, coon, wildcat, opossum, etc.

No. 415X Double Spring.

No. 415X. This is the lowest priced, lightest weight Bear trap made. Jaws are offset with eight well-staggered teeth; jaws have patent pivot locks; equipped with "Ever-Hold" flat link, steel chain. Will hold Bear weighing up to 600 lbs. Also used for Beaver, Cougar, Mountain Lion, etc.

No	Spread of Jaws In.	Size of Pan In.	Length of Trap In.	Length of Chain In.	Wt.doz., Lbs.	Doz.
115	4⅞	1¾x2½	8	18	8¼	$ 4 00
215	6⅛	2¼x3	9½	19	13	5 75
415X	10⅜	3x4	24	26	70	38 00

CROQUET SETS

—BELKNAP—

Hardwood mallets, 5 inch long, varnished; 27½ inch oiled maple handles; rock maple stakes and balls; ten polished wire arches.

Nos.	14	16	18
No. of balls	4	6	8
Wt set, lbs	12	18	19
Per Set	$3 75	4 65	5 40

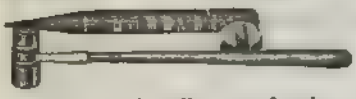
One set in wood box, three sets in crate.

Hardwood mallets, 5 inches long, varnished and painted; 27½ inch varnished hardwood handles; two hardwood stakes; hardwood balls; ten polished wire arches.

Per Set

No. 28—Eight balls.....$6 30

One set in wood box, three sets in crate; wt per set 21 lbs.



Hardwood mallets, 5½ inches long; varnished and full striped; 27½ inch varnished and striped white ash handles; two hardwood stakes; hardwood balls; ten polished wire arches.

Per Set

No. 38—Eight balls.....$7 95

One set in wood box, three sets in crate; wt per set 25 lbs.

Hand turned, hardwood mallets, 8½ inches long, painted and striped; 27½ inch maple handles; two large beaded hardwood stakes; hardwood balls, painted with five stripes; ten galvanized arches.

Per Set

No. 044—Professional four ball set.....$8 70

One set in wood box, three sets in crate; wt per set 20 lbs.

Hardwood mallets, 8½ inches long, painted and striped; 27½ inch varnished and striped hardwood handles; hardwood stakes and balls; ten galvanized iron arches.

Nos.	014	016	018
No. of balls	4	6	8
Wt set, lbs	20	24	32
Per Set	$6 30	8 70	9 75

One set in wood box, three sets in crate.

CROQUET SETS

—BELKNAP—

Hand turned, hardwood mallets, 6 inches long, painted; 27½ inch hardwood handles; two large beaded striped hardwood stakes; polished hardwood balls; ten heavily enameled arches.

Per Set

No. 48—Eight balls.....$11 10

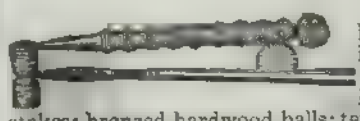
One set in wood box, three sets in crate; wt per set 26 lbs

Hand turned, genuine shellaced rock maple mallets, 8¾ inches long, ebonized; 26 inch bronzed rock maple handles; two large striped and bronzed rock maple stakes; rock maple balls, varnished; ten heavy galvanized arches.

Per Set

No. 054—Four balls.....$13 20

One set in wood box, three sets in crate; wt per set 18 lbs.

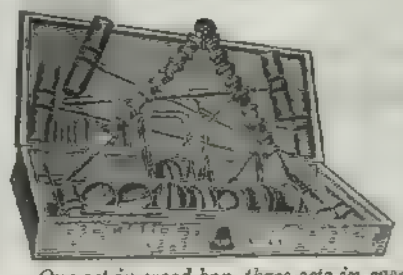


Hand turned genuine shellaced hardwood mallets, 6 inches long, ebonized and bronzed; 26 inch ebonized hardwood handles; two stakes; bronzed hardwood balls; ten galvanized arches.

Per Set

No. 58—Eight balls.....$13 80

One set in wood box, three sets in crate; wt per set 25 lbs.

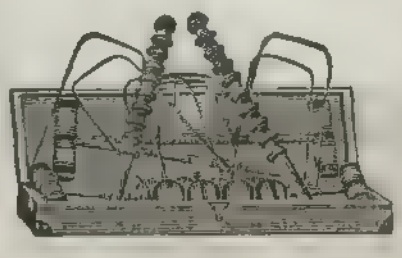


Polished maple, hand turned; finished with genuine white shellac, and lathe polished. Mallets 8 inches long; 26 inch handles; painted balls; two large beaded stakes; heavy galvanized arches.

Per Set

No. 50—Eight balls.....$18 00

One set in wood box, three sets in case; wt per set 28½ lbs.



Mallets hand turned, polish finish, 7¼ inches long with green band in center, nickel plated bands on end and rubber ends; 26 inch handles with green band, which screw in mallet; fancy striped balls; two large stakes; extra heavy enameled arches with sockets.

Box made of clear white pine with fine coach varnish finish; trimmed with polished brass corners to strengthen box; brass hinges and clasps; nickel plated handles.

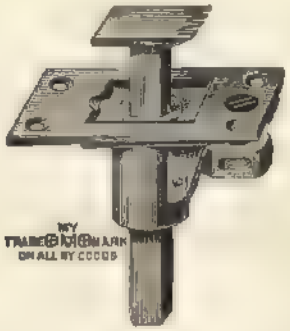
Per Set

No. 70—Eight balls.....$41 25

One set in wood box, three sets in case; wt per set 28 lbs.

BENCH STOPS

MORRILL'S



No. 1. The toothed stop can be set at any desired height by means of set screw; made of semi and wrought steel; box measures 8x5 5x3 inches; polished face, 3½x2 inches; stop, 1¼ inches square. Wt. doz., 15 lbs. .....Dozen **$16 50**

Half dozen in a box.

KARDENT

Malleable iron top plate, with polished steel face, toothed on two sides. Head can be elevated ¾ inch or depressed by loosening or tightening screw in face

No. 41. Wt. doz., 13 lbs..Dozen **$12 00**

Half dozen in a box.

STANLEY

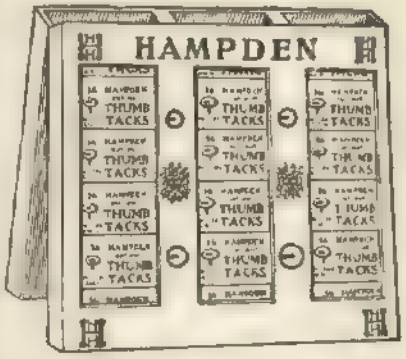
Can be inserted in the top of a bench by boring a 9/16 in. hole; its height is adjustable—a stiff spring holds it in position. Nickel plated.

No. 207. Length, 2⅞ in. Wt. doz., 3 lbs. .....Dozen **$9 00**

One in a box.

THUMB TACKS

DISPLAY ASSORTMENT



Contains 30 packets assorted one-piece nickel plated thumb tacks, 5/16, ⅜ and 7/16 inch; 36 tacks in a box; 12 boxes in a carton.

No. 3036 Assortment. Size, 7¼x6½ inches. Wt., 2 lbs...Assortment **$5 00**

Refills.

No. 1. ⅛ in. 36 in a box. Dz.Bxs. **$1 00**
No. 2. ⅜ in. 36 in a box. Dz.Bxs. **1 10**
No. 3. 7/16 in. 36 in a box. Dz Bxs. **1 16**

Twelve boxes in a carton

CONVEX HEAD

Steel, Nickel Plated.
Bulk, in Boxes.

Nos.	211	311	411
Diam., in	⅜	7/16	½
Wt 1000, lbs	1½	2	2½
1000	$4 00	5 00	6 00

Packed 100 in a box; 10 boxes in a carton

TOOL CLASPS

A handy little article for hanging up chisels, screw drivers, etc.

No. 235. Small .....Dozen **$1 00**

No. 236. Medium .....Dozen **1 25**

Open stock.

RUBBER HEAD NAILS

Used for protection to polished surfaces on furniture or to take away the rattle on automobile doors, etc.

No. 1. ⅝ in. across base. Wt. per gro., ½ lb.....Gross **$2 00**

No. 2. ½ inch across base. Wt. gro., ¼ lb. .....Gross **$2 00**

Open stock.

RUBBER HEAD SCREWS

No. 231. ⅝ in. across base. Wt. per gro., ½ lb.....Gross **$3 50**

No. 234. 1⅛ in. across base. Wt. per gro., ½ lb.....Gross **4 50**

No. 231, packed 1 gross; No. 234, half gross in a box.

STEEL BALLS

Highest Grade Tool Steel.

Diam. Inch	Per 100
1/8	$0 30
5/32	35
3/16	40
7/32	60
1/4	65
9/32	75
5/16	1 00
3/8	1 50
7/16	2 00
1/2	3 00
9/16	4 00
5/8	6 00
3/4	8 00

5/16 inch and smaller, 100 in an envelope, balance open stock.

SHEET METAL WORKERS' TOOLS AND MACHINES

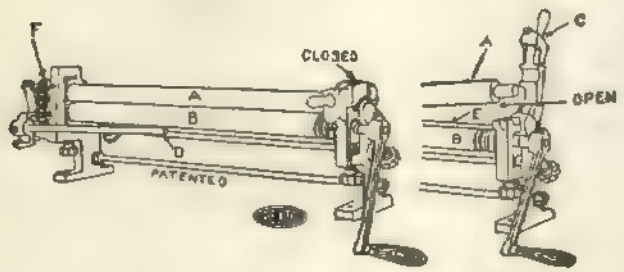
PEXTO

HOLLOW MANDREL STAKES

Best Quality Cast Iron, Polished Finish.

No. 910. Entire length, 40 inches; length of flat part, 9 inches; width of flat part, 6 inches; length of oval part, 31 inches. Size of oval part radius of circle 2 inches. Shipping wt., 60 lbs. boxed .....Each $12 75

LIGHTNING SLIP ROLL FORMERS



Capacity, 22 Gauge Iron and Lighter.

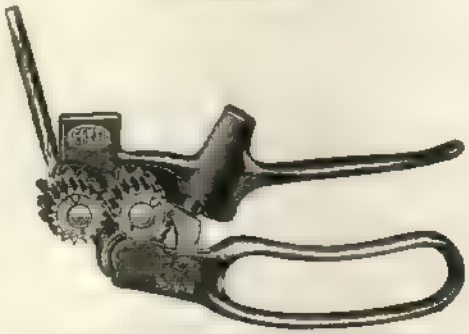
New original Pexto Features are embodied in these Forming Machine Patterns that place them in a class by themselves. They are greatly improved over their old Slip Roll Pattern Forming Machines and those which the present market offers. A careful study of the illustration shows that the time and steps saved through being able to perform all operations at one end of the machine the convenient end where the crank is fitted. Without necessitating the changing of positions the sheet to be formed is placed between the Gripping Rolls (A) and (B). The cylinder formed, open Latch (C), then by means of Lever (D) raise Upper Gripping Roll (A) and slip the formed cylinder from the Roll (A). It will be readily seen that all operations are performed at the crank end of the machine—a Pexto innovation that can be well appreciated by the mechanic who has operated the old pattern Slip Roll Former. Rolls (B) and (E) are adjusted with knurled Screws, and once adjusted they cannot slip. The Gears (F) are steel, machine cut, running more smoothly than cast iron gears, without danger of slipping or breaking with whatever thickness of metal is used. Grooves cut in rolls are intended to allow work with a wire to be formed.

The Roll Raising Mechanism in these machines is so balanced that the Roll (A) is easily lifted with a slight pressure on the Lever (D). The Latch (C) is released and closed with one movement, and is self-locking.

No. 382. Length rolls for sheets 30 inches wide; diameter of rolls, 2 inches; gripping rolls A and B have an extreme clearance of ⅛ inch. Wt. approx. 185 lbs., boxed .....Each $60 00

STEEL ROLL HAND CRIMPERS

COMPANION

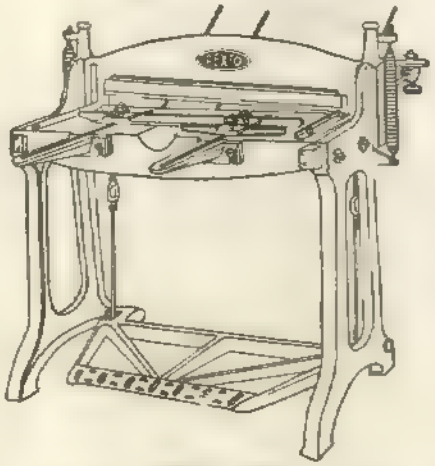


Capacity 26 Gauge Iron and Lighter.

A needed companion tool for the mechanic engaged in pipe making or hanging. In the shop and particularly on outside jobs, no kit is complete without this handy tool. To crimp a piece of pipe with machine-like effect and precision simply slip the end of the pipe to be crimped between the crimping rolls. Close the rolls by pushing down lever. With an up and down movement of the handle by means of a ratchet the rolls rotate, making a perfect crimp in the pipe The depth of crimp is regulated through a simple adjustment of a screw. A tool skillfully designed, well constructed, easy working, simple to operate and the first of its kind ever offered.

No. 788. Length over all, 8 inches. Weight each, 1⅞ lbs. ..... Each $6 00

SQUARING SHEARS



Silver City.

Capacity, 18 Gauge Iron and Lighter.

These new patterns are preferred over other shears owing to their extra wide Bed Plate and are so proportioned that they will cut up to the full rated capacity very much easier than any other similar shears of the same capacity. They are guaranteed to give very excellent service and Pexto high grade quality materials combined with thorough workmanship make them the most desirable up-to-date, medium weight shears that the market offers.

No. 132. Length for sheets, 30 inches wide; long front arms, 19 inches; length, rear gauge arms, 30 inches; width of bed, 14 inches. Wt., 510 lbs.....Each $110 00

"Our Gang" Table and Chair Sets Need No Salesmen . . .

Sturdily built and attractive table and chair sets decorated with pictures of "Our Gang" kiddies will boost your sales of juvenile furniture. Every customer remarks about the way they're built and how good-looking they are. You'll need no salesman to show these "Our Gang" sets — because they'll sell themselves—everytime.

The set includes a table and two chairs, finished in either blue, green or ivory; tastefully decorated with decalcomanias of flowers and "Our Gang" heroes.

"Our Gang" Sets are manufactured *only* by the Benner Manufacturing Company. Write today for more details.

● ***Benner Doll Bassinets, finished in attractive colors, make a toy a girl never tires of. Many varieties of sizes and styles.***

● ***Rockers and Shooflys, so attractive they sell themselves. Many different kinds painted in pleasing color tones and beautifully decorated by hand. Unusually sturdy.***

At the Chicago Toy Fair
April 28th to May 10th, 1930
Arrange to visit Benner's display

BENNER MANUFACTURING COMPANY
LANCASTER, PA.

Representatives:

The Owens-Kreiser Co
Hotel Morrison, Rooms 331-335
New York Address:
46 East 17th St.
New York City

Riemann, Seabrey Co., Inc.
Hotel Morrison, Rose Room, 2nd floor
New York Address:
215-219 Fourth Ave.
New York City

Strobel-Wilkes Co., Inc.
Palmer House, Rooms 738-739
New York Address:
37 East 17th St.
New York City

ANNOUNCING! SOMETHING NEW!

Tailtwister Monkey Man Twist My Tail

The announcement line of Atlanta Playthings Company consists of forty unique and attractive numbers of soft dolls and stuffed animals. The three numbers illustrated above are equipped with music boxes instead of voices.

These items are priced so attractively that they appeal strongly to the Jobber and Chain Store Buyers. Be sure to see this beautiful line at the Toy Fair, or if you don't see them, complete information will be forwarded upon request.

CHICAGO TOY FAIR DISPLAY
Room 748—Palmer House

ATLANTA PLAYTHINGS COMPANY

367 MARIETTA STREET **ATLANTA, GEORGIA**

State in your letter right "I saw it in PLAYTHINGS"

Bertillon Scale

Especially suitable for Physicians' Offices, Police Stations, Insurance Offices and wherever personal weight is desired. Name Bertillon the celebrated originator of the Bertillon system. Complete with measuring rod. All metal.

No.	Capacity lbs.	Size of Platform in.	Price
1255	400x¼	14x17	$ 6.20

Finished in white enamel handsomely ornamented. All brass parts highly polished.

Portable Platform Scales

WITH WHEELS AND DROP LEVER

No.	Capacity lbs.	Platform in.	Price
1178	600	18x26	$17.52
1176	800	17x20	19.08
1174	1,000	17x24	21.84
1172	1,200	20x28	25.22
1170	1,500	24x28	29.02
1168	2,000	25x34	35.05
166	2,500	26x34	40.18

Portable Platform Scales

WITH SQUARE PLATFORM FOR WEIGHING BULKY ARTICLES

No.	Capacity lbs.	Platform in.	Price
1487	600	20x24	$15.75
1489	1,000	24x25	20.45
1491	1,200	27x27	24.50
1493	1,500	24x30	27.30
1495	2,000	31x31	31.50

Wheelbarrow Scale

These scales are constructed entirely of metal and with a platform of suitable size for weighing wheelbarrow loads of coal or other substances. The price includes a set of iron cranes.

No.		Capacity lbs.	Platform in.	Price
1382	Without Wheels	1,000x1	42x30	$31.50
1384	With Wheels	1,000x1	42x30	33.75

LEATHER Belting [illegible] Try our Standard Belting

MONTGOMERY & CO. 105 LIBERTY STREET, NEW YORK CITY
Kindly Mention Tool Monger When ordering from this Book.

... TON STREET NEW YORK CITY
... Mention "Tool Monger" No. 30 when ordering from this book

Perfect Wagon Scale

Built on the original JONES pattern with bridge construction and reinforced steel levers. Copper plated bearings to prevent rust and aluminum covered levers to prolong life. Combination triple beam with no loose weights. As its name implies this scale is the best scale that money and skill can make.

No	Capacity Tons	Platform ft.	Price
B	■	6x 8	$ 50
C	5	7x 8	00
D	■	7x 8	00
F	6	7x 8	87 50
H	■	7x 0	98 00
I	■	7x 8	105 00
Q	8	7x 8	122 00
W	8	7x10	130 00
X	10	7x 8	140 00
Y	10	7x 8	150 00
Z	10	7x10	175 00

Beam Box furnished but balance of timber and all foundations supplied by customer.

Superior Farm Scales

Made on same principle of construction as the "Perfect," but without copper plating and aluminum and with complete double beam for use without weights.

No.	Capacity tons	Platform ft.	Price
M	4	5x8	$43 75
O	5	5x8	45 50

Beam Box furnished, but balance of timber and all foundations supplied by customer.

IRON OR STEEL FRAMES

Special prices will be furnished for iron or steel frames for all JONES Scales on application.

TEST WEIGHTS

50 pound test weights, guaranteed United States Standard, $4.00

STOCK RACK IRONS

We furnish complete irons and directions for making the wood work for the best adjustable stock rack made. Price, $4.00

Old Reliable Union Scale

Capacity, ½ oz. to 244 pounds. A strictly high-grade, fully warranted Union Scale, japanned in red, nicely ornamented, solid brass nickel-plated beam. Platform 10½x13¾ inches.

No. 501, with Tin Scoop, Single Beam	$4.95
No. 502, with Brass Scoop, Single Beam	6.37
No. 504, with Tin Scoop, Double Beam	6.37
No. 505, with Brass Scoop, Double Beam	6.90

Something Better Union Scale

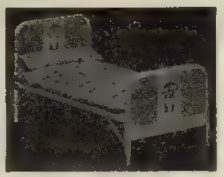
Capacity ½ oz. to 244 lbs. Finished in red and gold. This Scale combines all the essential features of a high-grade scale. Particular attention is called to the large brass scoop, brass nickel-plated beam and strong poise. Platform 10½x13¾ inches.

No. 501 Price... $5.10

DOLL FURNITURE

G

BEDS

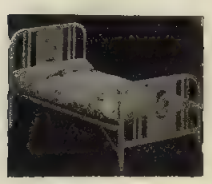


Betty Jean

Steel frame, with steel link fabric, spring, colors are blue or pink.

Pads are extra.

NO.	Color	Size In.	lb Ea.	DOZEN
4012	Blue	12x22	6	$46.00
6015	Blue	15x26	6½	60.00
8018	Pink	18x30	12	74.00



Suzanne

Steel frame with steel link fabric spring. Finished in light blue.

Pads are extra.

NO.	Size. In.	lb Ea.	DOZEN
4812	12x22	6	$42.00
6815	15x26	6½	56.00

Polly

Steel framed with steel link fabric spring. Finished in ivory.

Pads are extra.

NO.	Size In.	lb Ea.	DOZEN
2809	9½x18	4½	$28.00

12 in a carton.

PADS

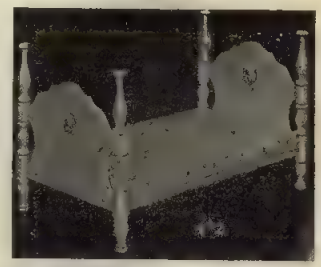
Bassinette pads finished in pink and blue ticking.

NO.	Color	Size In.	DOZEN
10	Pink	14x26	$14.00
11	Blue	14x26	14.00

Bed pads, including bolsters, finished in pink or blue ticking.

NO.	Color	Size In.	DOZEN
12	Pink	9½x18	$11.20
13	Blue	9½x18	11.20
14	Pink	12x12	14.00
15	Blue	12x12	14.00
16	Pink	15x26	16.80
17	Blue	15x26	16.80
18	Pink	18x30	22.40
19	Blue	18x30	22.40

DOLL BED



Colonial style. Finished in ivory or green. Furnished with mattress and pillow.

NO.	Height In.	Lgth. In.	Wd. In.	lb Ea.	EACH
472W	16½	26½	14	6	$6.75
472G	16½	26½	14	6	6.75

Packed six to a carton.

HIGH CHAIRS

Hardwood throughout except seat and tray. Seat and tray 3-ply veneer. Finished in blue, pink, ivory and green.

NO.	Color	Height In	DOZEN
101B	Blue	15	$21.00
101P	Pink	15	21.00
101W	Ivory	15	21 00

SULKY

Reed back, rubber tire wheels, finished in ivory.

NO.	Size Seat In.	Wheels In.	EACH
201	9x8	8x6	$3.15

L JACKS

Simplex—Truck

For trucks up to seven and one-half ton capacity and over. Represents the highest development in truck jack construction. As perfect a tool as advanced design, strongest materials and ingenious construction can produce; fitted with steel auxiliary detachable shoe. Lever bar has an opening at one end for the purpose of quickly and instantly changing the direction of operation.

(Height with auxiliary shoe, 16¼ inches)

NO.	Cap. Tons	Ht. In.	Lift In.	lb Ea.	EACH
145	5	11⅝	7⅝	26	$18.00

One in a carton.

Blackhawk

The Scout is a hydraulic, oil power jack and cannot lower accidentally. Handle must be taken from pump, placed and turned on release valve to let jack down. Easily operated and has the lowest head of any hydraulic jack made.

NO.	Cap.	Hgt. Low	Total Hgt.	Lbs. Ea.	EACH
L7	1 ton	7"	13¼"	8½	$7.50

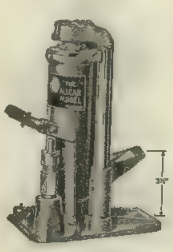
TOURIST

Blackhawk

This model is for standard tire equipped automobiles. It raises the car quickly with an even, smooth movement. In raising or lowering, the Midget Hydraulic Jack is under control at all times, easily and safely operated by a woman or child.

NO.	Cap Tons	Hgt. In.	Lift In.	Total Hgt. In.	lb Each	EACH
1	1½	9	6	15	6	$7.90

Packed as wanted.



Blackhawk—Allcar

The Allcar has a working range from 3½ to 16 inches. Will handle any and all passenger cars. Easy to slide into position, especially on rough roads, gravel and crushed rock, due to the broad sled base.

Like all Blackhawk jacks, operation of the Allcar is amazingly easy. Lightest strokes of the 34-inch handle raise the load steadily. To lower, you simply open the release valve with the handle-tip and the car eases down, quickly and safely.

NO.	Capacity Ton	Head	Ht. In.	Lift In.	EACH
J-16	2	1½	10	6	$12.90

JACKS

L

SINGLE LIFT HYDRAULIC WITH SCREW EXTENSION

36" Folding Handle—Walker

No. 830 and No. 835 are built for heavy duty truck and bus service either on the road or in the station. Power range increased by screw extensions. Pump and ram operating mechanism completely enclosed in malleable iron base. Safety valve prevents overloading. Positive oil returns from pump and ram prevent leakage.

Handle locked in socket for safe and easy placing and withdrawing of jack.

Ram lowered by pushing handle further into socket against spring pressure and downward against valve stem.

Oil filling plug at correct height in tank to assure correct oil level when refilling. Handle socket above center of jack to insure proper balance in placing and to prevent tipping. Hardened steel serrated cap for positive grip on lifting surface; 36-inch handle clears bumpers with stroke as long as desired; handle folds for placing in tool box or under seat.

May be operated in horizontal position. Skid base for sliding over gravel or dirt. Easy operating with speedy lift. Sturdiest construction throughout to sustain continuous service. Weight: No. 830, 20 lbs.; No. 835, 25 lbs.

NO.	Ht. In.	Raise In.	Screw Ext. In.	Capacity Tons	Dia. Rams In.	EACH
830	9	6¾	4¾	3	1⅞	$19.00
835	9	6¾	4¾	7	1⅝	24.50

Sure Grip

Ball bearing; sure grip anywhere.

An extra base is furnished to be used under warranted conditions and a 36-inch handle with a universal joint permits unhindered jack use.

No interference from bumpers, springs, spare tires or gas tanks.

Jack finished in copper bronze. Jack handle and base aluminum finished. The length of the handle clears the bumpers while a universal joint in same permits unhindered use. A positive lock in the form of a cotter key locks the handle securely to the jack

The use of the extra base is warranted at all times. Rough paved city streets and the soft shoulders along paved highways find its use almost indispensable.

NO.	Cap. lb	Low Ht.	High Ht.	EACH
SG	4000	6¾	16	$6.00

Simplex

The No. 39 Simplex Jack is a practical and efficient jack for handling balloon and semi-balloon tires. Built of high grade malleable iron with steel rack bar and drop forged steel spring case. The adjustable shoe provides a lifting range from 3½ to 11 inches. Complete with a 36-inch folding handle.

NO.	Capacity	Height	Lift	Wt. Each	EACH
39	1 Ton	11 in.	8 in.	10 lb	$4.00

Simplex

No. 141 Simplex Auto Jack is a popular size for medium and heavy pleasure cars. For a powerful, dependable, never-failing, trouble-free, easy operating jack the No. 141 is without an equal. Every working part of this jack is of steel drop forging, specially heat treated and hardened. Frame is of malleable iron of finest quality. Three distinct points of lift; cap, lowering foot and steel auxiliary shoe. Cap rotates, permitting shoe to be used in awkward positions. Furnished with a 12 in. steel lever bar.

NO.	Capacity	Height	Lift	Wt. Each	EACH
141	1½ tons	10 in.	7 in.	1 lb	$6.00

One in a carton.

Simplex

Simplex Auto and Truck Jacks are of simple design; constructed of the best material. Used primarily for truck purposes.

NO	Capacity	Height	Lift	Wt. Each	EACH
42	2	11½ in.	8¼ in.	14½ lb	$7.00
43	3	13 in.	9½ in.	18½ lb	8.50

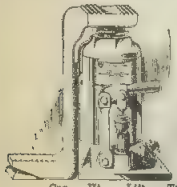
L JACKS

Blackhawk Equipped with Double Pumps

For heavy industrial work. Low pressure or speed pump to carry ram to load quickly — high pressure pump for lifting purposes. Especially adapted for axle straightening.

NO.	Cap. Tons	Ht. In.	Lift In.	Total Ht. In.	lb Each	EACH
F14	30	14	8¾	22¾	70	$110.00

One in an individual box.

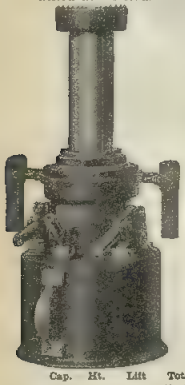


Blackhawk Floor Lift Jack

Used in moving heavy machinery, safes, crates, etc. Toe lift feature and double pump make this jack a time and money saver. Can also be used for straight lift work on ram.

NO.	Cap. Tons	Ht. In.	Lift In.	Total Ht. In.	lb Each	EACH
*H14	20	14	7¾	22¾	132	$110.00

(12 ton on toe, 20 ton on head.)
Packed as wanted.



Blackhawk Extra Heavy Duty

Sixty ton hydraulic jack, high and low pressure pump feature. Its weight being less than half of the ordinary jack, as compared to capacity makes it a labor saving, portable tool. Absolutely safe and efficient. Tested at factory far beyond rated capacity.

NO.	Cap. Tons	Ht. In.	Lift In.	Total Ht. In.	lb Each	EACH
K18	75	18	9	27	200	$300.00

Packed as wanted.

*Not carried in stock, ordered from factory.

INDUSTRIAL

Duff-Norton Standard Speed—Ball Bearing

These jacks are of unusually easy leverage and are ideal for work in repair shops, in railroad yards, for bridge work, and for handling structural materials. They cover the requirements of many industrial concerns, contractors, trucking companies, factories, machine shops, and find many uses in and around mills. The top of the jack shoulders the full rated capacity as given below, while one-half of the rated capacity is lifted on the toe. The direction of the jack is controlled by a spring-actuated steel pin, engaging the teeth of the ratchet in either direction as desired. Furnished with carrying handles, one on either side of the jack. Each jack is supplied with a steel tube operating lever.

NO.	Cap. Tons	Ht In.	Lift In.	lb Each	EACH
60	15	26	13	132	$70.00
61	25	27	13	200	96.00
62	35	26	13	250	138.00
66	15	22	10	115	65.00

Standard Speed—Ball Bearing

Duff-Norton

These jacks are designed for extremely heavy work. The least amount of effort is required to handle the load on account of the leverage provided. The base is round, 14 inches in diameter, and is strongly ribbed. The top has a diameter of 10½ inches and contains extra large ball bearings which, due to their size and to their extreme hardness, are more efficient and durable and will withstand heavier loads than any other anti-friction bearings that could be used for the purpose. Convenient carrying handles are provided, one on either side of the frame, facilitating handling. The foot lift, rated at half the capacity of the jack, will be found very convenient for handling low loads.

NO.	Cap. Tons	Ht. In.	Lift In.	lb Each	EACH
64	50	27	13	320	$150.00

Duff-Norton High Speed—Ball Bearing

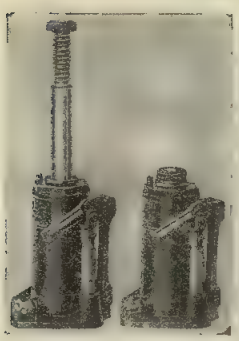
Adapted to use as general railway service jacks, and for all lifting purposes where safety and efficiency are of first importance. They are operated upward by means of a raising lever, and lowered very rapidly by cranking with a lowering handle. The lowering handle is also used for fast raising up to the load. Note the easy clearance and the wide swing of the lowering handle. An automatic positive safety clutch holds the load firmly at all times. Each jack is furnished with a steel raising lever and a crank handle for lowering.

NO.	Cap. Tons	Ht. In.	Lift In.	lb Each	EACH
1591	35	26	13	63	$180.00
1576	50	26	14	53	216.00

All the above packed as wanted.

JACKS

HI-WAY



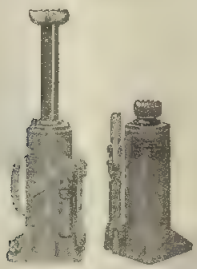
Blackhawk

Balloon Tire, Double Lift

Positive in lifting and holding load. Will operate under any underslung car with front tire flat or rear tires inflated. This is the all-car jack for substantial lifting. 34-in. 2-piece jointed handle. Has not only a double lift, but in addition a hand adjustable extension. A low built jack only 7⅞ inches when collapsed, with an extra high telescopic lift.

NO.	Cap. Tons	Hgt. In.	Lift In.	Total Hgt. In.	lb Each	EACH
B7.5	2	7⅞	8	18	12	$20.00
B9	2	9	10	19	14	20.00

MOTOR TRUCK

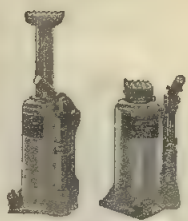


Blackhawk

This model is in great demand by stage lines and fast delivery fleets. Time is money, and road delays tie up schedules. With this jack, tire changes and lifts out of road-holes are made in record time with minimum effort. One man lifts the heaviest loaded stage coach, quickly and easily without disturbing the passengers; and with confidence that the jack will raise the coach, hold the position and lower in an even, gradual movement.

NO	Cap. Tons	Hgt. In	Lift In.	Total Hgt. In.	lb Each	EACH
A8	3	9	5	14	14½	$17.50
A11	3	11	7	18	16½	18.50
A8.5	3	8½	5	16½	16½	19.00
C8.5	7	8½	5	16¾	17	25.00
C9	7	9	5½	14½	15½	22.50
C11	7	11	7	18	18½	25.00
D11	12	11	6½	17½	24	35.00

HEAVI-LIFT



Blackhawk

For heavy duty tire service stations and extra heavy lifting work of all kinds. A husky jack especially adapted to press work, axle straightening, spring compressing, etc.

NO.	Cap. Tons	Ht. In.	Lift In.	Total Ht. In.	lb Each	EACH
E11	18	11	5½	16½	38½	$50.00
E14	18	11	8½	22½	60	75 00

Packed as wanted.

HYDRAULIC INDUSTRIAL JACKS

Blackhawk

NO.	Cap. Ton	Ht. In.	Total Ext. In.	Hgt. In.	lb Ea.	EACH
F11	30	11	5½	16½	52½	$90.00

BLACKHAWK HYDRAULIC OIL REPLACEMENT OIL

For Blackhawk and other Hydraulic Jacks

Insures speedy, positive action in all seasons. In zones experiencing extreme cold (15 degrees below zero and colder) thin the oil with kerosene or gasoline to get best results.

Other Uses—Hydraulic Presses, Hydraulic Hoists, Sewing Machines, Lawn Mowers, Vacuum Cleaners and as a Rust Preventative. Has good penetrating qualities which recommends it for use on light machinery and household appliances.

NO.	No. Ins.	Size Can	lb Oz.	EACH
T5	10	1 qt.	23	$1 25

Blackhawk Hydraulic Oil Power Jacks

The All Car Model J10

Exceptional lifting range (3⅛ in. low to 16 in. high) makes this jack adaptable to any passenger car, balloon tired, or otherwise.

1½ ton on head, ¾ ton on toe. Toe adjustable from 3¼ to 9 in. when jack is collapsed head is 10 in. low.

Cap., tons	1½
Height, low, in.	3⅛–10
Lift, in	6
Total Height, in.	16
Weight packed, lbs.	18
Price	$12.90

The Tourist

A light compact jack, weighing only seven pounds. Lifts 3000 lbs. Lowers automatically by simply turning release valve in base. A 31-inch handle allows placing and removing jack without getting under car.

Model Tourist

Capacity, tons	1½
Height, low, in.	8½
Lift, in.	6
Total Hgt., in.	14½
Weight packed, lbs.	9½
Price	$7.90

The Hi-Way

For heaviest balloon-tired low slung cars as well as shop use. Double or telescope lift gives extreme height. Hand adjustable extension of B7.5 adds additional lift of 2¾ in. B7.6 for balloon-tired cars; B9 adaptable to frame straightening, spring compressing, wheel pulling and general shop practice. All jacks may be used in vertical or horizontal positions.

Model B7.5

Cap., tons	2
Hgt., in.	7⅛
Lift in.	8
Extension, in.	2⅝
Total hgt , in	18
Wt. packed, lbs	18
Price	$20.00

Model B9*

Cap., tons	2
Height, in.	9
Lift, in.	10
Total height, in.	19
Weight packed, lbs	18½
Price	$20.00

*This model does not have hand adjustable extension.

The Scout Model L7

It lifts the heaviest pleasure car with ease. It has the lowest head of any hydraulic jack made 7" at low point. It is safe because it cannot lower accidentally. It is the lightest jack, weighing only 8⅛ lbs. packed for shipment. It is the simplest having only 2 positive bale checks to protect from dirt and has no flimsy or delicate mechanism. The hand adjustable plugger allows operator to run jack up 2" to meet axle. Then a 4½" lift will raise car high enough to inflate a 6" balloon tire.

Price, each $7.50

The Motor Coach

For easy operation under heavy motor coaches, busses and trucks without disturbing passengers or load. Motor Coach Models A8.5 and C8.5 equipped with hand adjustable screw extension.

Model A8.5

Cap., tons	3
Hgt. low, in.	8½
Lift, in	5
Ext., in.	3¼
Total hgt., in	18¾
Wt. packed, lbs	16¾
Price	$19.00

Model C8.5

Cap., tons	7
Hgt. low, in	8½
Lift, in.	5
Ext., in.	3¼
Total hgt., in.	16¾
Wt. packed, lbs.	19
Price	$25.00

Equipped With Two Pumps

All Blackhawk Industrial Jacks from 14 in. up when collapsed are equipped with two pumps. A low pressure pump to raise jack quickly to point of contact, and a high pressure pump to raise load.

Mdl.	Cap. tons	Hgt. Low in.	Lift, in.	Total Hgt. in.	Net Wgt. lbs.	Price
E14	18	14	8¼	22¼	60½	$ 85.00
F14	30	14	8¼	22¼	78½	130.00
E27	18	27	20¼	47¼	102	110.00
*F27	30	27	18¼	45¼	124	150.00

The Motor Truck Jack

Will easily and safely raise or lower heavily laden trucks without unloading. Sturdily built but light in weight. Range in capacities—three and seven tons. Simplicity, efficiency and ease of operation easily demonstrated.

Model A9

Cap., tons	3
Hgt. low, in.	9
Lift, in.	5
Total hgt., in.	14
Wt. packed, lbs.	18½
Price	$17.50

Model A11

Cap., tons	3
Hgt. low, in.	11
Lift, in.	7
Total hgt., in.	18
Wt packed, lbs	20
Price	$18.50

Model C9

Cap., tons	7
Hgt. low, in.	9
Lift, in	5
Total hgt., in	14
Wt. packed, lbs.	19½
Price	$22.50

Model C11

Cap., tons	7
Hgt low, in.	11
Lift, in.	7
Tota. hgt., in.	18
Wt packed, lbs	21½
Price	$25.00

The Heavi-Lift Jack

For extra heavy truck work, frame and axle straightening, press work. Popular with contractors, bridge builders, etc.

Model D11

Cap., tons	12
Hgt. low, in.	11
Lift, in.	6¼
Total hgt , in.	17¼
Net wt., lbs.	29
Price	$35.00

Model E11

Cap., tons	18
Hgt. low, in.	11
Lift, in.	5¼
Total hgt., in.	16¼
Net wt., lbs.	41
Price	$60.00

Model F11

Cap., tons	30
Hgt low, in.	11
Lift, in	5¼
Total hgt , in .	16¼
Net weight, lbs	52½
Price	$90.00

Floor Lift Jack Model H-14

For heavy construction loading and unloading, moving of heavy machinery, service crates and power house installation. Lifts 15 ton from 1½ inches off the floor on the toe, and 20 ton on top of the ram.

Cap., tons	15-20
Hgt. low, in.	14½
Lift, in.	7¾
Total hgt., in.	22¾
Net weight, lbs.	132
Price	$110.00

Cuckoo Clocks

Superior Quality Cuckoo Clocks made by experts in the Black Forest shops of Germany.
Each Clock is Adjusted, Regulated and Packed in a Strong Wooden Box.

P6571—CUCKOO CLOCK—Walnut case with front made of three layers of wood. Small size movement. Half-hour strike and call. Height, 18 inches; width, 12 inches, and dial, 5 inches. Each clock is adjusted and regulated. Packed in a strong wooden box.
Each 18.00

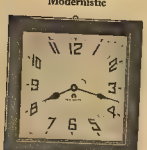
P6573—QUAIL AND CUCKOO CLOCK—Walnut case with intricate carving and inlaid ash, ebony and boxwood ornamental work. Large size movement and quarter hour strike and call. Eskelon hands carved or imitation ivory dial. 21 inches. Width 14 inches. Dial, 5 inches.
Each 30.00

P6572—CUCKOO CLOCK—Walnut case with front made of three layers of wood. Half-hour strike and call. Height, 19 inches; width, 14 inches, and dial, 5¼ inches.
Each 23.00

Wall Clocks

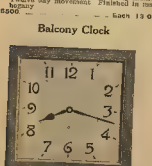
Wall clocks suitable for Kitchens, Libraries, School Rooms and Bedrooms are listed here. If you can not keep a complete line in your store, sell them from the illustrations and descriptions in this catalog.

Modernistic



NEW HAVEN LEVER CLOCK—Attractively lettered clock with large readable figures. Size of dial, 9¾ inches square. Height, 13½ inches. Width, 10½ inches. Twelve day movement. Finished in mahogany.
P6500
Each 13.00

Balcony Clock



NEW HAVEN BALCONY CLOCK—Square, attractive shape clock. Solid wood hand rubbed case with silver finish dial. Size of dial, 6¼ inches square. Height, 9¾ inches. Size of dial, 6¼ inches square.
P6601 Oak
Each 12.50
P6602—Mahogany
Each 13.00

Library Clock

NEW HAVEN DROP OCTAGON—An attractive octagonal shaped clock with silvered dial. Just the thing for any wall. Solid oak case. 8 day movement. Figures are 2½ inches. Width, 16 inches. Height, 21½ inches square.
P6503
Each 11.00

Referee

REFEREE, OFFICE OR LIBRARY CLOCK—A very handsome regulator clock. Solid oak case. Mahogany finish. Silver finish dial. A most unique regulator for any office or schoolroom. 8 day movement. Size of dial, 12 inches square. Height, 36½ inches. Width, 16 inches.
P6504
Each 18.00

Lucerne

LUCERNE COLORED WALL CLOCK—Unusual, modernistic New Haven wall clock designed to give a distinctive air to a kitchen or bedroom. Convex, crystal cream colored dial. Light day lever time-piece movement with steel cut pinions. Furnished in pastel colors, yellow, blue, green or white. SPECIFY COLOR. Height, 13½ inches. Width 10 inches. Diameter of dial, 6¼ inches.
P6508
Each 8.40

Have you seen the Remarkable Values on the Furniture Pages of this Catalog?

Clocks for the Boudoir and Kitchen

These clocks are of the kind that entice the casual customer to buy whether he needs a new timepiece or not. Give them plenty of window space and cash in on their display value.

Gothic Boudoir

GOTHIC BOUDOIR—Boudoir clock. Antique mahogany case gracefully designed and appropriate for dresser or desk. Black panels, raised numerals. 3¼ inch silvered dial. 8-day jeweled movement. Height 7¾ inches, width, 7¼ inches.

P6522 ..... Each 21.00

Iota

IOTA—Novelty clock. 40 hour movement. 3-inch silvered dial, raised numerals, designed for boudoir or desk and encased in an attractive mahogany finished case. Height, 3½ inches. Width 5¼ inches.

P6518 ..... Each 4.00

Easel Artlarm

EASEL ARTLARM—Gothic cathedral design in a walnut finished, moulded easel case. Enameled dial. Crackproof Crystal. 40 hour dependable movement, shaped bell on back. Loud steady alarm. Height, 4¾ inches.

	Each
P6519—Plain Dial	5.70
P6520—Radium Dial	8.00

Cloisonne

CLOISONNE—Small novelty clock case, dainty and luxurious in design to appeal to the feminine eye. Has 2-inch silvered dial with raised numerals, convex crystal, nickel plated back with small easel rest, dependable 40 hour movement. Colors: Green, Pink or Yellow. Specify color. 2½ inches square.

P6514 ..... Each 3.70

Ravena

RAVENA—Novelty dresser clock encased in metal. Dependable 8 day movement. Silvered dial with second hand. Beveled convex crystal. Case finished in a rich French bronze. Height, 4 inches, width, 3¼ inches.

P6521 ..... Each 11.30

Aigrette

AIGRETTE NEW HAVEN WALL CLOCK—Unique five sided novelty clock. 40 hour movement. Raised numerals. Three ply pentagon case of three colors. Furnished in pearl, blue, pink or green. Specify color. Bowed crystal. Height, 3½ inches. Diameter of dial, 3 inches.

P6513 ..... Each 3.30

Doris Artlarm

DORIS ARTLARM—This alarm clock is of Gothic design. It has a metal case, white dial, radium numerals and artistic hands. Crack-proof Crystal. 40 hour dependable movement. Loud steady alarm. Made in pastel colors: rose, green or blue with black trim. Specify color. Height, 3½ inches.

P6516 ..... Each 6.70

Imported Kitchen Clocks

These beautiful Dutch clocks are especially adapted for decoration in the small dining room or may be used to make the kitchen wall more attractive. They are well made, good time keepers that look for all the world like a Dutch plate which has been transformed into a clock.

IMPORTED KITCHEN WALL CLOCK—Porcelain plate with blue and white decoration. Eight-day pendulum movement. Size 8¼x8¼ inches.

C2951 ..... Each 4.80

Porcelain Clock

CONSOLE PORCELAIN WALL CLOCK—Fitted with guaranteed American 8-day lever movement—no pendulum is required. A new shaped very distinctive kitchen clock immediately attractive to the housewife. The clever bracket effect conveys the impression that the clock is setting on its own little shelf. The sunken dial and floral decoration on the ivory background appear framed within the two-tone border, a perfect timekeeper and a good decoration for any home. Size, 8¼x9¼x2¾ inches. Furnished in three popular colors.

	Each
C2978—Blue on Ivory	7.20
C2979—Green on Ivory	7.20
C2980—Yellow on Ivory	7.20

Porcelain Clock

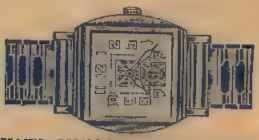
PORCELAIN CLOCKS—Guaranteed American 8 day lever movement, no pendulum is required. The case flares back toward the wall, can be washed and will appear bright and new for a lifetime. Size of Triangle 8¼ inches by 8¼ inches.

	Each
C2976—Naples Blue	4.80
C2977 Apple Green	4.80

Men's "Blue-Bird" Complete Strap Watches

This is an outstanding line in the lower priced grades. The appearance sells them—The Value received recommends them

ALL IN CURVE BACK MODELS



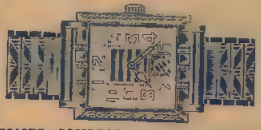
NEW MODERNISTIC MODEL

MAN'S COMPLETE STRAP WATCH. 10½L Tank Model, Plain Bezel. Butler finish curve back, 14K. white rolled Gold plate, fitted with reliable lever movement complete with Chrome finish Link Trifold Bracelet.

No. 6012 6J. L. Lum. dial, each. . . 5.50
No. 6012 15J. L. Lum. dial, each... ... . . . 7.75

MAN'S COMPLETE STRAP WATCH. 10½L 14K white rolled gold plate case, modernistic model front, square dial, Butler finish curved back set with reliable lever movement, complete with Chrome finish Trifold Link Bracelet

No. 6007 6J L Lum. dial. each 5.75
No. 6008 15J L. Lum. dial. each 7 90



MAN'S COMPLETE STRAP WATCH. 10½L. 14K white rolled gold plate case square shape, curve Butler finish back, fitted with reliable lever movement, each complete with Chrome Bracelet to match

No 5999 6J L. Lum dial, each 5.50
No 6000 15J. L Lum. dial, each..... 7.75

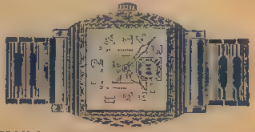
MAN'S COMPLETE STRAP WATCH 10½L. 14K. white rolled gold plate case tank model, engraved top, Butler finish curve back, fitted with reliable lever movement complete with Chrome finish Trifold Link Bracelet.

No. 5997 6J L. Lum. dial, each 5.50
No 5998 15J L. Lum dial, each 7.75

Each in
Gift Case
Complete with
Trifold Expansion CHROME BRACELET
Matching the Watch
Resale Price Tag with Each Watch
The "Looks" talk for this line

MAN'S COMPLETE STRAP WATCH. 10½L. 14K white rolled gold plate case 3 step modernistic model, Butler finish curve back, plain front. Fitted with reliable lever movement complete with Chrome finish link, Trifold Bracelet

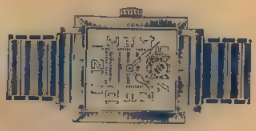
No. 6005 6J. L. Lum. dial, each.....5.75
No. 6006 15J. L. Lum. dial, each 7.90



MAN'S COMPLETE STRAP WATCH. 10½L. 14K. white rolled gold plate case. Hand engraved in modernistic step model end, heavy lugs. Complete with Chrome Link Trifold Bracelet.

No 6003 6J Lum. Dial, each 6.25
No. 6004 15J. Lum. dial, each . 8.50

BEVELLED MODEL



NEW MODERNISTIC MODEL

MAN'S COMPLETE STRAP WATCH. 10½ L Square model 14K. white rolled gold plate case, plain beveled bezel, Butler finish curved back, fitted with reliable lever movement complete with Chrome finish Trifold Link Bracelet.

No. 6009 6J. L. Lum. dial, each 5.50
No. 6010 15J. L. Lum. dial, each 7.75

MAN'S COMPLETE STRAP WATCH. 10½L. 14K. white rolled gold filled case, hand carved bezel with modernistic 3 step collet. Butler finish curved back, fitted with reliable Lever movement. Complete with trifold Chrome finish link bracelet.

No. 6001 6J. L. Lum. dial, eacl. . . 6.25
No. 6002 15J. L. Lum dial, each . . . 8.50

Men's Wrist Watches Complete With Jupiter Metal Bands

6 and 15 Jewel Lever Reliable Movements

JUPITER Wrist Bands are Guaranteed "White" Non-Tarnishable. The Band expands to slip over the wrist. It is held securely by a catch. Adjusted to any size wrist. Equal in Style, Beauty and Durability to the Watch itself. Handsome Straight Line, Engine Turned and Engraved Designs.

White Exduro Cases are Guaranteed to Retain Color and Finish—Like White Gold Cases

Any Watch Listed On This Page May Be Had in White Napoleon Rolled Gold Plated Case for Additional Price of 45c Each

MAN'S WRIST WATCH. Complete with Jupitor metal wrist band. Solid white nickel case, chased front, rectangular design, cut corners, brushed finished back, very sturdy lugs. The new style strap is very attractive. Fitted with reliable Lever movement, silvered dial, full radium hands and figures. Each in display box.

No. 3354 6J. Lever. Each..... 4.75
No. 3355 15J. Lever. Each..... 7.00

MAN'S WRIST WATCH. Solid white nickel Pacific shape case, chased front, Butler finished back, sturdily built heavy lugs. Complete with Jupiter metal strap, fancy engraved. Fitted with reliable Swiss Lever movement, silvered dial, full radium hands and figures. Each in box

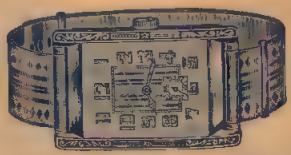
No. 3356 6J. Lever. Each..... 4.75
No. 3357 15J. Lever. Each..... 7.00

MAN'S WRIST WATCH. Solid white nickel Madison shape case, very sturdy construction, chased bezel top and bottom, brushed finished back. Completed with adjustable Jupiter strap, fancy engraved design. Fitted with reliable Swiss Lever movement, silvered dial, radium hands and figures. Each in box.

No. 3358 6J Lever. Each..... 4.75
No. 3359 15J. Lever. Each..... 7.00

MAN'S WRIST WATCH. Solid white nickel case, rectangular design with beveled off corners, chased front, Butler finished back, sturdy lugs. Complete with adjustable Jupiter solid nickel strap, fancy engraved. Fitted with reliable Swiss Lever movement, silvered dial, radium figures and hands. Each in box.

No. 3360 6J. Lever. Each..... 4.75
No. 3361 15J. Lever. Each..... 7.00



MAN'S WRIST WATCH. Solid white nickel rectangular shape case, fancy chased, of sturdy built. Completed with a Jupiter solid nickel adjustable strap, fancy chased and highly finished. Fitted with reliable Swiss Lever movement, silvered dial, full radium hands and figures. Each in box.

No. 3362 6J Lever. Each..... 4.75
No. 3363 15J Lever. Each..... 7.00

D 6

PLUGS

FOR ALL STANDARD MAKES OF ELECTRIC IRONS AND COOKING DEVICES

Black composition, heat proof; a heater connection plug which fits all toasters, stoves, irons or any other heating appliances.

The contact used in this plug may be used on either flat or round terminals; length 4½ inches.

No.	HM75
1 to 10, Per 100	$30 00
10 to 100, Per 100	26 82
100 or more, Per 100	24 39

Ten in carton; wt per 100, 22 lbs.

With Switch.

Black composition case; heavy duty toggle switch, with phosphor bronze terminals.

For either flat or round terminals.

No.	HS P1
Less than 10, Each	$0 81
10 or more, Each	75

One in cardboard box; ten in counter display box; wt each ¼ ozs.

CORD AND PLUGS

FOR ALL STANDARD MAKES OF ELECTRIC IRONS AND COOKING DEVICES

Black and yellow covered cord. Fits all forms of contact. Length cord 6 feet.

Nos.	Cotton Covered H6S	Silk Covered H7S
Less than 12, Each	$1 02	1 17
In lots of 12, Each	99	1 14

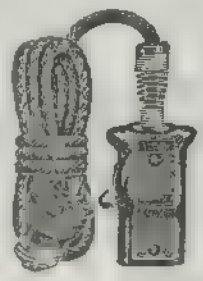
One in cardboard box; wt each 1½ lbs.

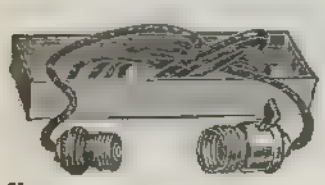
With Switch.

Black composition case, good quality toggle switch, 6 feet cotton covered black and yellow heater cord; separable attachment plug. Can be used on either flat or round terminals.

No.	H11
1 to 11, Each	$1 89
12 or more, Each	1 80

One in cardboard box; wt each ½ lb.





Consists of 6 feet silk covered maroon colored cord, key socket brush brass finish and separable attachment plug.

No.	H606
Less than 10, Each	$1 35
10 or more, Each	1 26

One in cardboard box; wt each ½ lb.

CIRCUIT EXTENDERS

660 Watts, 250 Volts.

Five tap black composition block with connector, 6 feet of leader cord and separable attachment plug. Designed for attaching to any plug receptacle, simultaneously serving current for 5 electrical appliances.

Made with slots to accommodate all standard plug caps.

Each

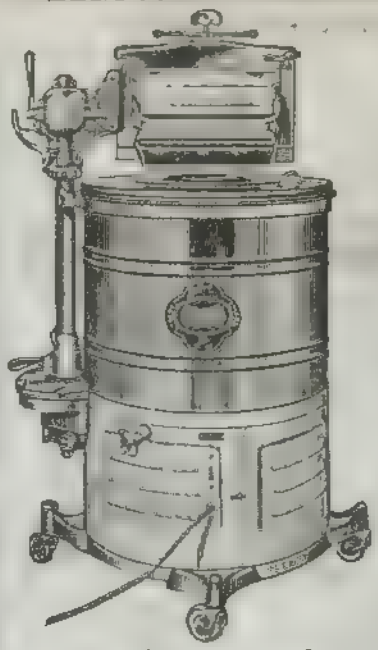
No. H500—Wt each 11 ozs. **$2 61**

One in cardboard box.

ELECTRIC WASHING MACHINES

—BLUE GRASS—

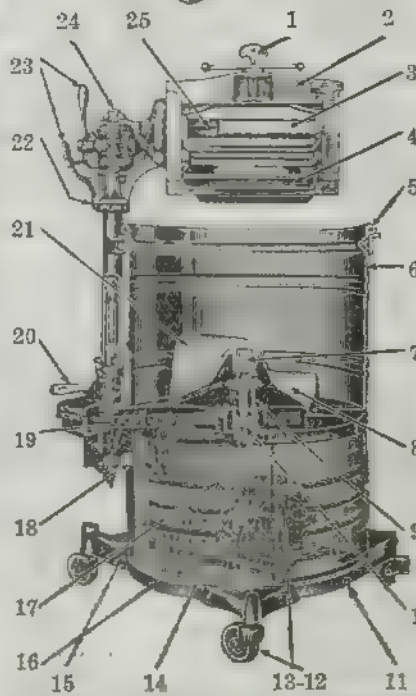
ELECTRIC GYRATOR TYPE



The washing principle is safe and fast, the mechanical working is simple and sturdy. The dome like agitator (no center post) with its washing paddle and clothes pusher, semi-turns in a half circle movement 62 times a minute, imparting a rotation of the clothes being washed. In from 5 to 8 minutes a 6 pound batch of laundry is washed.

1 to 4—Nickel plated swinging wringer with instantaneous safety release, soft rubber rolls and double drainboard.

5 and 6—Heavy copper tub, polished on outside, inside nickel plated.



7 to 10—Agitator seated on tapered spline which holds agitator tight but permits it being lifted out. Cone shaped bottom of tub with close fitting agitator, prevents buckles, buttons, etc., getting under agitator.

11—Convenient belt tightener.

12—Three extra large, easy rolling casters.

13—¼ H. P. motor.

14—Toggle switch control. 10 feet of cord, and plug.

15—One piece cast iron base.

16—Ventilated steel cabinet.

17—V moulded rubber belt.

18—Cut steel worm on hardened steel shaft, equipped with ball bearing thrust and end play adjustment nut.

19—This point imparts washing motion to agitator.

20—Liberty silver control lever for starting and stopping.

21—Dome type agitator.

22—Wringer locks in 8 positions.

23—Liberty silver wringer levers.

24—Gears enclosed in two piece die cast zinc metal head.

25—Extra hard, thick rubber washer vulcanized to shaft.

Diameter tub 21 inches; height tub 35 inches; height over all 50 inches.

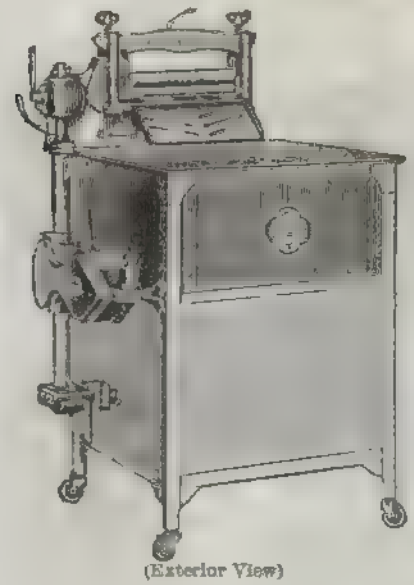
¼ H. P. Motor, 110 Volts, 60 Cycle, Alternating Current.

No.	BG150
Less than 3, Each	$240 00
3 or more, Each	225 00

Crated; shipping wt each 198 lbs.

ELECTRIC WASHING MACHINES

—BLUE GRASS—ELECTRIC CYLINDER

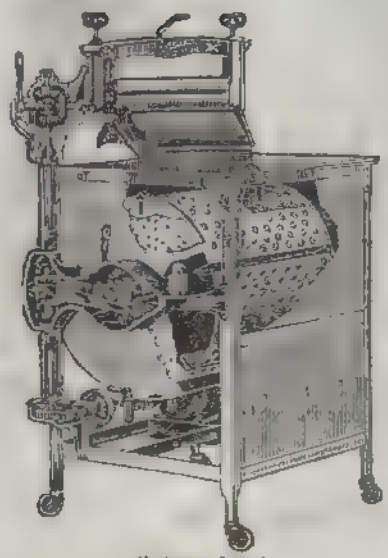


(Exterior View)

The washing is done in an aluminum cylinder with a surface that can not injure the daintiest of clothes. Hundreds of small cup like pockets in cylinder wall, gently rub the clothes.

The cylinder revolves 6½ times, and automatically reverses. This revolving reversing motion, creates an excellent combination of water agitation and cylinder action that lifts, dips, rubs and turns the washing the same as when done by hand.

Heavy copper tank, nickel plated on the inside, durable, easy to clean and fully protected by paneling on all sides. All steel utilited finish, swinging wringer frame with instantaneous safety release lever, soft rubber rolls and double drainboards. Wringer may be operated independently or at the same time cylinder is revolving. Equipped with a permanently fixed draining feature that does away with attachable drainboards and drip trays. Wringer may be swung into and used in any one of five different positions.



(Interior View)

Easily controlled by one lever and reversible. Protected and made safe by an instantaneous safety lever by which the tension is released by a quick pressure of the hand. Automatic friction clutch protects mechanism of whole machine in case of overload or strain. Welded frame, mounted on easy rolling casters. Water proof switch and all wiring encased in lead covering. Complete with 10 feet of cord with separable attachment plug. Height over all 53 inches, floor space required 25x24 inches. Size cylinder 17¾x 18½ inches.

¼ H. P. Motor, 110 Volts, 60 Cycle, Alternating Current.

No.	BG145
Less than 3, Each	$277 50
3 or more, Each	262 50

Crated; shipping wt each 220 lbs

WASHING MACHINES

—BLUE GRASS—

Water Motor.

Dolly Type.

Good quality selected cypress tub varnished natural finish.

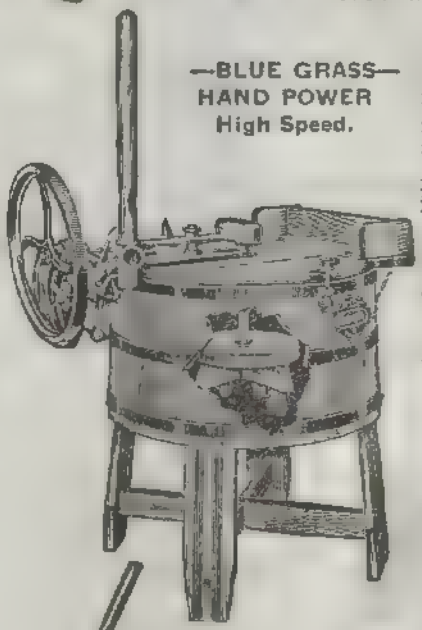
No frictional parts; self-draining.

Diam of tub at top 22 ins; diam tub at bottom 24 ins; height tub 14½ ins; height over all 25½ ins. Gearless water motor, guaranteed for one year. Tubs not guaranteed. If motor proves defective it should be detached and sent back for repair or replacement.

	Each
No. BG1M	$50 40

One in crate; wt each 65 lbs.

—BLUE GRASS— HAND POWER High Speed.



Virginia white cedar, corrugated tub, mahogany stained finish; hardwood legs and braces; seasoned hardwood dolly; ball bearing, flat rim perfectly balanced cast iron fly wheel, geared direct producing mechanism with no dead center; two hole lever socket permits operator changing the angle of lever. Substantial hardwood wringer box.

	Each
No. BGHS—Outside dimensions; diam of tub; top 21½ ins; bottom 23 ins; height of tub 12¼ ins; height over all 27 ins	$39 60

Crated; wt each 115 lbs.

"MOTOR"

High Speed. Hand Power.

Louisiana red cypress tub; hoops and all gearing aluminum finish; corrugated sides and bottom on inside of tubs; stave legs.

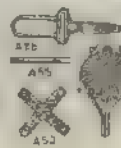
Four-winged wooden dolly sends 320 gallons of suds through the clothes each minute.

Gearing encased to prevent accidents.

Outside dimensions, diameter of tub at top 21 inches; diameter at bottom 25 inches; depth inside 15 inches; height 28½ inches.

	Each
No. 6—Wt each 90 lbs	$43 50

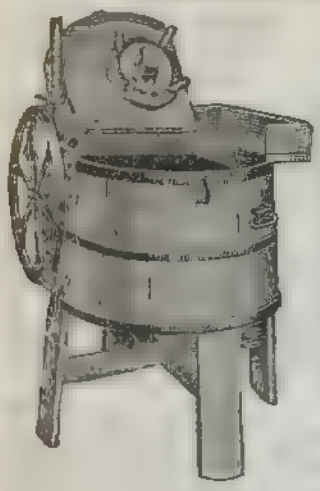
One in crate.



REPAIR PARTS FOR No. 6 MOTOR WASHING MACHINES

	Each
No. A55—Square end dolly shaft	$1 35
No. A28—Rack for main casting	3 30
No. A29—Main casting	5 25
No. A50—Wing dolly	3 76

WASHING MACHINES



HORTON
Hand Power.

Red cypress tub; natural finish, varnished; heavy steel hoops; legs are extended, staves strongly braced. Hinged wood cover; heavy mechanism is on side of tub and not on lid to be lifted; dolly post guarded to prevent tearing clothes.

Cut gears that mesh perfectly and require very little power. Lever can be placed in either horizontal or perpendicular position. So designed that fly wheel may be exchanged for 8 inch belt wheel suitable for engine power.

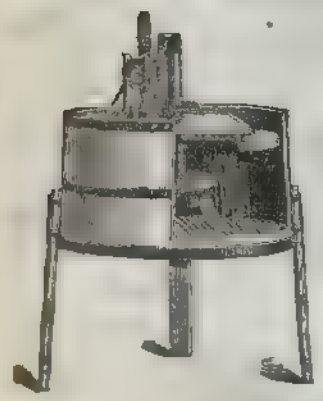
	Each
No. 22—Diam top 20½ ins; diam bottom 22½ ins; depth 13 ins	48 00
Crated; ship wt each 100 lbs.	*$18 00*

POWER PULLEY WHEELS

	Each
No. HPW—For No. 22 Horton Washing Machine, diam 8 ins, 1¾ in face	$4 80

Packed loose; wt each 2 lbs.

"AMERICAN ROUND"
Hand Power.

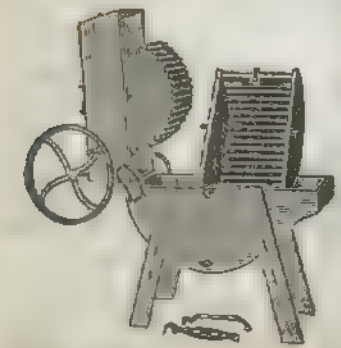


Seasoned Virginia pine body, painted and grained ash color. Corrugated inside.

Steel japanned castings; riveted hoops; hardwood dasher block with projecting wood pins, which revolve and reverse as handle swings to either side; hardwood legs secured by bolts and sockets.

	Each
No. 5—Family size; inside dimensions, diam top 21 ins; diam bottom 24 ins; depth 11½ ins; height at top of tub 30 ins; diam of gear wheel 10¼ ins	$26 25

One in crate; wt each 58 lbs.



18 ins, height less wheel 32 ins.

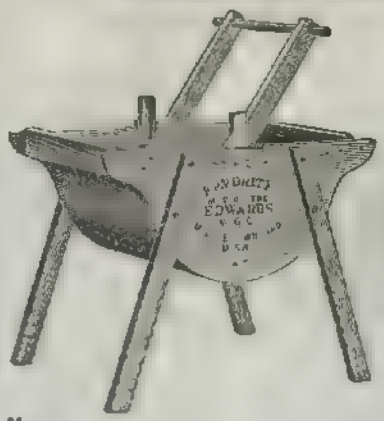
"BOSS", Hand Power, Family Size.

Louisiana red cypress, natural finish and varnished. Wood frame cylinder; double action produced by the working of two cylinders in opposite directions at the same time. Extra heavy galvanized iron bottoms; rim arranged for attaching wringer. All castings coming in contact with water are heavily galvanized. Length over all 35 ins; width Diameter of wheel 17 inches.

	Each
No. 1F—Wt each 105 lbs	$38 25

One in crate

WASHING MACHINES



Hand Power.

Gum body, natural finish, cypress legs and arms, painted red; hardwood rubbers; removable wood bottoms covered with galvanized iron; cast iron holder and fastener.

Nos.	**23**	**24**
Kind	Favorite	Perfection
Length over all, ins	33½	33½
Width, ins	21	24
Height less handle, ins	24½	22½
Wt each, lbs	46	52
Each	$15 00	16 50

One in crate.

"NEW STANDARD PERFECTION"
Hand Power.

Open

Closed

Louisiana red cypress lumber, natural wood finish, varnished. One oscillating rubber, also a stationary rub-board on the bottom, which can be removed to conveniently give the machine a thorough cleaning after use.

	Each
No. 25NS—Length over all, 34 ins; width 19½ ins; height to top of tub, 24½ ins; wt each 45 lbs	$15 75
No. 26NS—Length 33¾ ins; width 22¾ ins; height to top of tub 25 ins; wt each 50 lbs	17 25

K. D; one in crate.

RAPID WASHERS

Cop-R-Log, a better metal with a heavier coating of tin; strong lock seams. Bottom reinforced with galvanized iron wire; northern fir handle.

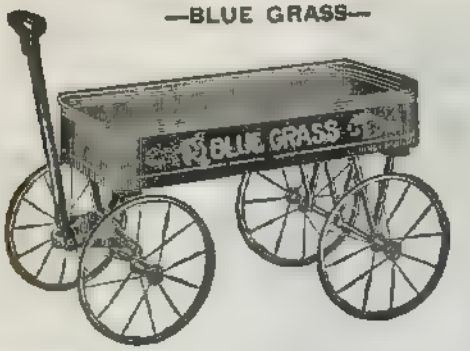
By raising and lowering washer the water is rushed through clothes avoiding any necessity of rubbing or injury to the finest of fabrics.

	Per Doz
No. 20—Diam 7 ins; length of handle 24 ins; wt per doz 16 lbs	$12 75
No. 21—Diam 8½ ins; length of handle 40 ins; wt per doz 25 lbs	18 75

One doz in carton; wt per doz 15 lbs.

BOYS' WAGONS

—BLUE GRASS—



Double tongued and grooved wood bottoms, glued. Special constructed steel hub made with large barrel in which the axle works, hub flange is bent down over each wire forming a solid recess for the spokes. Pressed steel bolster and fifth wheel; open hearth steel axles. Wood tongue with metal grip and steel attachment. Outside body finished in red, striped and stenciled, inside and bottom green finished, gears and wheels enameled black with nickel hub caps.

Nos.	BG04	BG02	BG1	BG3	BG4
Length body, ins	18	22	26	30	32
Width body, ins	8	10	12	14	16
Depth body, ins	2¾	3¼	4	5	5
Wheels, ins	6	8	10	11	11
Tires, in	½	½	11/16	11/16	11/16
Wt per doz, lbs	70	80	144	210	220
Per Doz	$34 50	45 00	64 50	76 50	85 50

(Sold in full carton lots only.)

No. 04 one-third doz, balance one-sixth doz in carton, K. D.

—BLUE RIBBON—

Sheet steel body, top edge flanged over heavy ¼ inch steel rod. Kiln dried bottoms. Inside finished in green, outside in red.

Wheels and gears black baked enameled finish; cold rolled sheet steel hubs.

Tripod is strongly riveted to steel plate resting upon the fifth wheel connecting all parts with an eye bolt, through the lower end of which passes the axle, producing a perfectly rigid gear, preventing the axle from springing out of shape, and affording an easy revolving motion without loosening the eye bolt nut, as it is firmly screwed down to the collar of the fifth wheel.

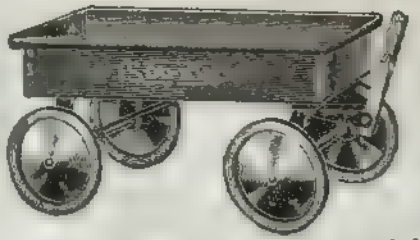
Nos.	40	20	11	33	44
Length body, ins	18	22	26	30	32
Width body, ins	8	10	12	14	16
Depth body, ins	3	3½	4¾	5	5¼
Wheels, ins	6	8	10	11	11
Tires, in	⅜	⅜	½	½	½
Wt doz, lbs	70	80	144	210	220
Per Doz	$30 00	40 50	57 00	69 00	82 50

(Sold in full carton lots only.)

No. 40 one-third doz, balance one-sixth doz in carton, K. D.

BOYS' WAGONS

SON-NY



BODY—One piece heavy drawn steel, red enameled.

GEAR—Heavy steel, well braced, red enameled.

WHEELS—5 inch double disc, plain bearings, steel tires, blue enameled.

HANDLE—Hardwood, blue enameled.

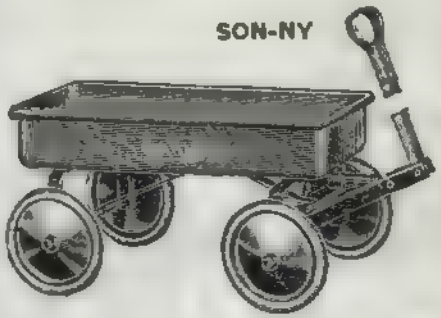
Per Doz

No. 140—Size body 17¼x8¾x2⅜ ins, height 8½ ins; length over all 40 ins $24 00

(Sold in full carton lots only.)

Half doz in carton; wt per doz 7¼ lbs.

SON-NY



BODY—One piece heavy drawn steel, red enameled.

GEAR—Heavy steel, well braced red enameled.

WHEELS—Double disc, plain bearings, with rubber tires, blue enameled.

HANDLE—Steel, blue enameled.

Nos.	48	57
Length body, ins	17¼	20½
Width body, ins	8¾	10½
Diam wheels, ins	5	6
Size rubber tires, ins	⅜	¾
Wt per doz, lbs	90	130
Per Doz	$43 50	60 00

(Sold in full carton lots only.)

Half doz in carton.

DAISY

Sheet steel body, inside finished in green, outside in red. Wheels and gears black japanned finish; ⅜ inch axle. The fifth wheel is the same style as on our Blue Ribbon Wagon except it is lighter. ⅜ inch tires.

Per Doz

No. 019—Length 14 ins; width 7 ins; depth 2½ ins; diam wheels 5 ins $22 50

(Sold in full carton lots only.)

Half doz in carton, K. D.; wt per doz 65 lbs.

Sheet steel, securely put together by a process of electric welding.

Per Doz

No. 36—Finished in bright red; twisted wire handle; size of bed 12x6x2½ ins; height 7¼ ins; 4½ in double disc wheels $12 75

(Sold in full carton lots only.)

One doz in carton, K. D.; wt per doz 31 lbs.

MARTIN'S KINGFISHER LINES

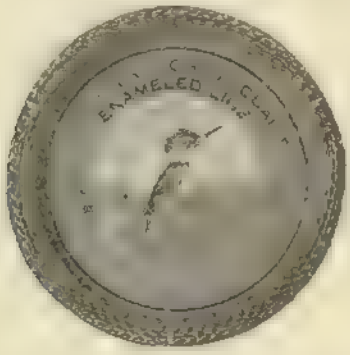
KINGFISHER DE LUXE

(Flexible Enamel)

This is the last word in enamel lines. The enamel is exceptionally smooth, pliable and durable. The most perfect of all the heavy enamel lines we make. Put up 25 yards in a coil, 4 connected—100 yards in a box.

Color: Light olive-mist

Sizes	H	G	F	E
Test lbs.	12	15	20	27
Price per 1M Yards	$50 00	$55 00	$66 00	$75 00



KINGFISHER HIGHEST QUALITY

This line is suitable for every use with the fly rod from the smallest trout to the mighty salmon. A magnificent line in every way and by far the best of our so-called hard enamels. Filled and heavily coated with Kingfisher enamel. Put up 25 yards in a coil, 4 connected—100 yards in a box.

Color: Amber, with black cross threads.

Sizes	7	H	G	F	E
Test lbs.	10	14	16	21	25
Price per 1M Yds.	$39 00	$44 50	$49 00	$55 00	$60 00

GREEN SHEEN

This line is made from a special grade of silk possessing the highest degree of strength and luster. It is braided hard and close, is tremendously strong and will wear like armor plate. Put up 50 yards on a spool, 2 connected—100 yards in a box.

Color: Rich Green.

Sizes	15	25	35
Test lbs.	15	25	35
Price per 1M Yards	$38 00	$45 00	$53 00

SALTENE ENAMEL

This is a high-class enamel line suitable for fly fishing, brook trout and general lake and stream fishing. Put up in 25-yard coils, 4 connected—100 yards in a box.

Color: Amber, with black check.

Sizes	H	G	F	E
Test lbs.	14	16	21	25
Price per 1M Yds.	$36 00	$41 00	$47 00	$54 00

KINGFISHER BLACK WONDER

The best value in a waterproof silk line for general fishing and all-around use we ever placed on the market. This line is extra hard braided and thoroughly saturated with a soft waterproof dressing to exclude water. Unaffected by salt water.

Color: Jet black.

[illegible]	7	6	5	4
Test lbs.	15	18	26	30
Price per 1M Yards	$33 00	$36 00	$42 00	$52 00

SLICKEST CASTING

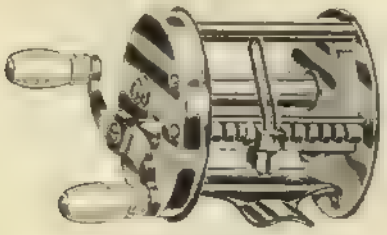
This is a grand good line. Close braided. Ideal for general fishing and bait casting. No waterproofing on this line. Put up 50 yards on a spool, 2 connected—100 yards in a box.

Color: Drab, with small check of red.

Sizes	G	E
Test lbs.	16	25
Price per 1M Yards	$36 00	$43 00

BRONSON FISH REELS

"LION" LEVEL-WINDING REEL

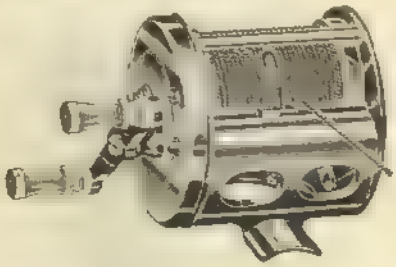


No. 1800

The "Lion," Model No. 1800, an extremely low priced level-winding Reel, is nevertheless made of the best materials and is correct in design. It exactly meets the long standing demand for a dependable reel that could be sold at a low price.

	Each
"Lion," Model No. 1800 Reel.	$3 00

THE BRONSON "MODERN" No. 100 L. W. REEL

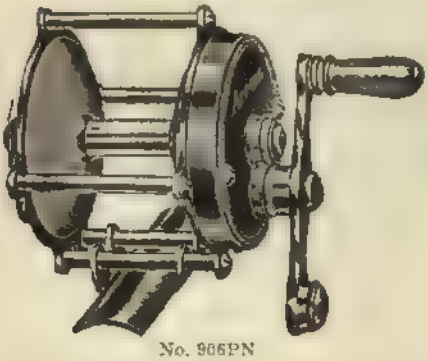


"Modern," Model No. 100

The "MODERN," Model No. 100, although extremely low in price, is a first grade level winding reel in every respect. It was designed to meet the long standing demand for a dependable and trustworthy reel of this type that could be sold at a popular price. The "MODERN" is made of the best of material and will meet the exacting requirements of long and continued bait casting

	Each
The "MODERN," Model No. 100 Reel	$5 00

QUEEN CITY REELS

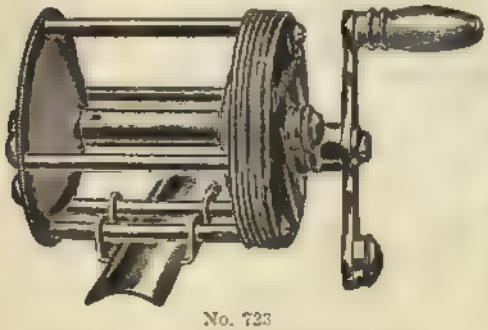


No. 906PN

Double multiplying, raised pillar, balanced handle, screwer brass reel, with patent adjustable slide drag and back, sliding click, nickel plated

	Per Dozen
No. 904PN. 40 yards	$16 80
No. 906PN. 60 yards	19 20

QUEEN CITY QUADRUPLE REEL



No. 723

Queen City quadruple multiplying round disc, click and drag, bushed bearings, oil caps, 1⅝ inch spool

	Per Dozen
No. 722. 60 yards	$30 00
No. 723. 80 yards	32 40
No. 724. 100 yards	36 00

SUNNYBROOK REELS

No. 150 - 150½

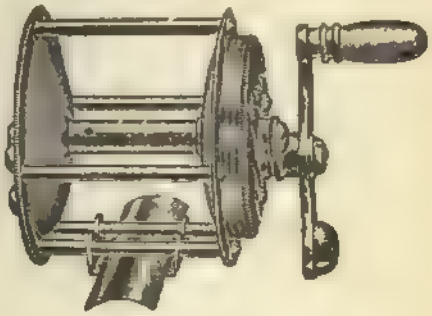
A high grade Trout Reel single action with click, light weight frame and spool, strongly made

	Per Dozen
No. 150 60 yds.; nickel plated	$21 60
No. 150½ 60 yds.; gun metal	21 60

No. 200

	Per Dozen
No. 200. Single action, nickel finish with adjustable click; 60 yds.	$7 20

No. 75 SUNNYBROOK MULTIPLYING

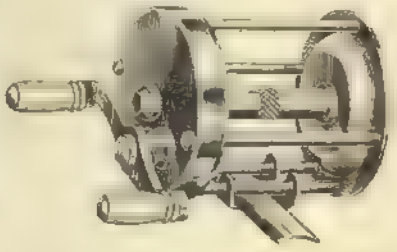


Click and drag on back plate, balanced handle with fancy white knob, all screws no rivets. Capacity 60 yards

	Per Dozen
No. 75 Sunnybrook Multiplying	$10 80

MONTAGUE "35"

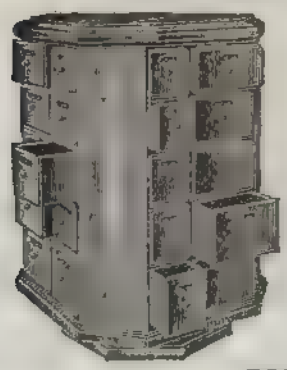
QUADRUPLE MULTIPLYING REEL



This low priced reel is quadruple multiplying and 100 yards capacity. It is substantially built and well nickel plated. A click is provided and the crank has double handle. A serviceable reel for the younger members of the family.

	Per Dozen
Montague "35"	$18 00

BOLT AND SCREW CASES



PERFECTION BROWN'S

Revolving.

Oak, hard oil finish; will hold more bolts than other case of same size, because the drawers are square, with no waste space at center, each drawer is labeled with size of screw or bolt, which it is intended to contain. Each drawer will hold a full package of the size indicated; the case revolves easily.

BOLT CASES Each

No. 40—Forty drawers, height 37 ins; diam 22 ins; wt each 180 lbs ..... ✦$72 00

No. 40 bolt case, contains drawers labeled for the following sizes of bolts:

¼x1½, 1¾, 2, 2¼, 2½, 3, 3½, 4, 4½, 5.
5/16x1½, 1¾, 2, 2½, 3, 3½, 4, 4½, 5, 6.
⅜x2, 2½, 3, 3½, 4, 4½, 5, 6, 7, 8.
½x3, 3½, 4, 4½, 5, 6, 7, 8, 9, 10.

SCREW CASES Each

No. 80—Eighty drawers, height 37 ins; diam 22 ins; same as No 40 except with smaller drawers; wt each 180 lbs ..... ✦$95 55

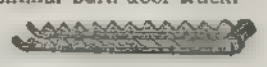
No. 80 screw case contains drawers labeled for the following sizes of screws:

¼ in. x 1, 2, 3 (in one drawer).
⅜ " x 2, 3, 4, 5.
½ " x 2, 3, 4, 5, 6.
⅝ " x 4, 5, 6, 7, 8.
¾ " x 5, 6, 7, 8, 9.
⅞ " x 5, 6, 7, 8, 9, 10, 11, 12, 13, 14.
1 " x 5, 6, 7, 8, 9, 10, 11, 12, 13, 14.
1¼ " x 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.
1½ " x 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.
1¾ " x 9, 10, 11, 12, 13, 14, 16.
2 " x 9, 10, 11, 12, 13, 14, 16.
2 " 12 x 14, 16.
3 " x 14, 16, 18.

One in crate.

TOOL BRACKETS

Malleable iron, japanned, with slot in end which slips over the wall support and is held firmly in place. These brackets are also interchangeable with Model A Tool Rack, O. N. T. or similar barn door track.



Holds 12 long handle or D handle forks and shovels; length 19 inches. **Wall support not included.**

Per Doz

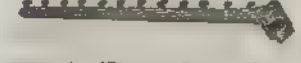
No. 6—Wt per doz 52 lbs $46 50

Packed loose.

Holds 9 tools, long handle shovels or spades and handled axes length 18¼ inches. **Wall supports not included.** Per Doz

No. 6½—Wt per doz 51 lbs $49 50

Packed loose.



Holds 12 tools, hoes and hook tools; length 22 inches. **Wall supports not included.** Per Doz

No. 8—Wt per doz 28 lbs $39 00

Packed loose

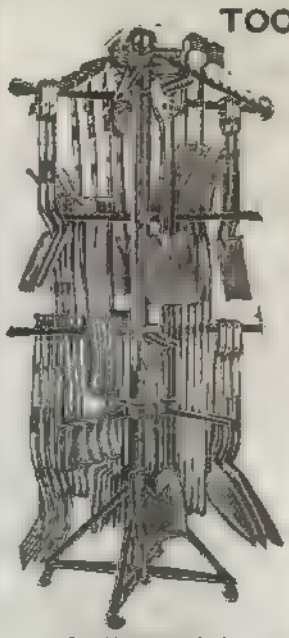
WALL SUPPORTS Per Doz

No. 686½—For above brackets; wt per doz 5 lbs $12 00

Packed loose.

✦F. O. B. Tennessee Factory Only.

TOOL RACKS



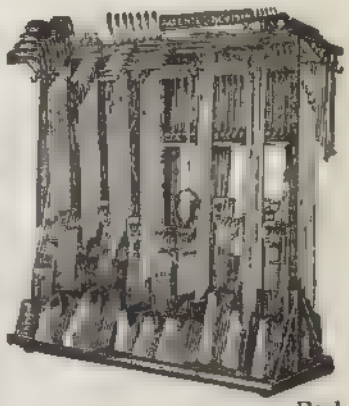
Steel and malleable iron, painted. All bracket arms are interchangeable. Ball-bearing rack mounted on heavy casters.

Height over all 9½ feet; occupies floor space 2½x2½ feet; capacity 186 agricultural tools and 1 dozen axes.

Each

No. A—Shipping wt each 225 lbs ..... ✦$147 00

One in crate.



ADJUSTABLE

Occupies floor space 36x96 inches by 8 feet high.

Holds 300 to 500 pieces garden hoes, forks, rakes, handles, scythe, snaths, shovels, etc. Will take care of all handles by setting them on end in the middle division of rack. Scythes are set on end, heel down, fitting in a wire basket. Bolted and mounted on six good casters.

Each

No. 75—Hardwood, painted carmine red ..... ✦$179 55
No. 75GO—Golden oak finish ..... ✦ 195 90
No. 75MO—Mission oak finish ..... ✦ 195 90

Shipped knocked down; wt each about 280 lbs.

HAND POWER ELEVATORS

Reliable and Easy Working.

Platform No. 2 and 3 are suspended by two standard wire cables, thereby equally distributing the load on the platform on the two wire cables. This is a great saving to the cables and other parts and gives greater safety and longer wear. The same plan is followed in wheels overhead, which are placed on ends of main shaft close to bearings. The cables are led direct from the platform over the cable sheaves at the top of the hatchway and down again to the counter balance weights without the use of idlers or drums; thus reducing the friction to a minimum. In the event of one of the cables breaking, the second cable is amply strong to hold the load on the platform. Is furnished with a screw brake so arranged as to stop platform at any point of travel, and will firmly hold the load and also permit the operator to control the speed of platform while descending.

Whenever the top floor of a building is less than 11 feet 6 inches, use the Combination Sheave Elevator, as by comparing the cuts, you will note on Sheave Elevator that pulling wheel or sheave is at the front of hatch, and is approximately 5 feet in diameter. Therefore a regular sheave elevator cannot be used where the ceilings are low on account of insufficient clearance way for persons to pass underneath.

We are therefore recommending the Combination Sheave Machine to be used with pulling sheave at side as an elevator should have no less than 6 feet from top of floor to underside of pulling sheave.

The Combination Sheave Elevator is also used to good advantage when size of platform is over 5 feet 6 inches in width.

We give full directions and erecting plan with each machine to parties outside of the city. **(See following page)**

✦No. A—F. O. B. New York Factory Only.
✦No. 75—F. O. B. Illinois Factory Only.

HAND POWER ELEVATORS

(For general description see preceding page).

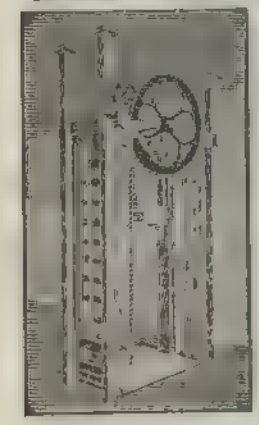
HOW TO ORDER

Lifting capacity wanted_____
Size of hatchway (we build platform to fit _____
Elevators larger than standard size, see price for additionals.
Style of platform (see diagrams below). _____
How many stories high is building (see diagrams below)_____
Does car run in enclosed or open hatchway_____
Kind of business to be used for_____
Give the height of each story from top of floor to top of next floor above.

Sub-basement to Basement_____
Basement to First floor_____
First floor to Second floor_____
Second floor to Third floor_____
Third floor to Fourth floor_____
Fourth floor (To underside of roof timber.)

These diagrams indicate the different locations of guide posts in hatchway. State which would be best suited to your building.

Please make answers as complete as possible, and we will then be able to submit estimates for the elevator work best adapted to your requirements. When convenient make sketch of ground plan of building, showing position of hatchways, etc.



Single Sheave, Capacity 1000 Lbs.

	Each
No. 4—Height 26 ft; platform not exceeding 20 sq ft	+$652 80
Shipping wt 2200 lbs.	
	Per Sq Ft
Additional sq ft of platform	+$4 20
	Per Ft
Additional ft in height	+$8 40

Sheave, Capacity 2000 Lbs.

	Each
No. 2—Height 26 ft; platform not exceeding 36 sq ft	+$925 65
Shipping wt 2800 lbs.	
	Per Sq Ft
Additional sq ft of platform	+$4 20
	Per Ft
Additional ft in height	+$8 40

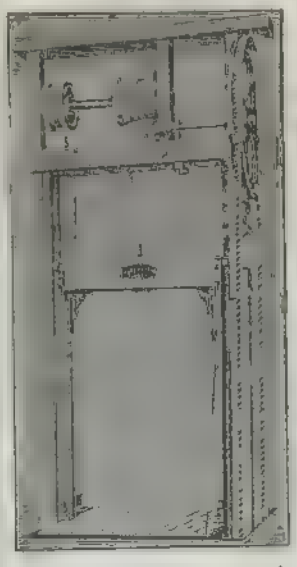
Combination Sheave, Capacity 2000 Lbs.

	Each
No. 3—Height 26 ft; platform not exceeding 36 sq ft	+$925 50
Shipping wt 2300 lbs.	
	Per Sq Ft
Additional sq ft of platform	+$4 20
	Per Ft
Additional ft in height	+$8 40

+F. O. B. Kentucky Factory Only.

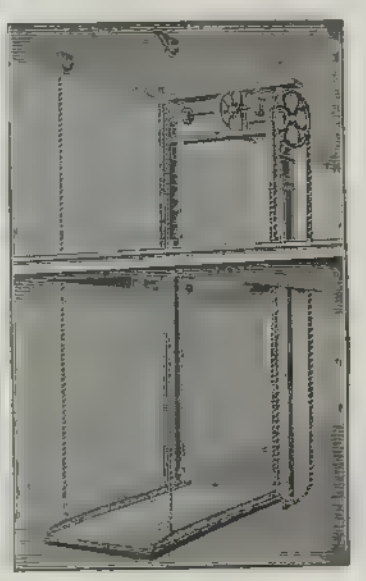
HAND POWER ELEVATORS

(For general description see preceding page).



Roller Bearings, Capacity 2500 Lbs.

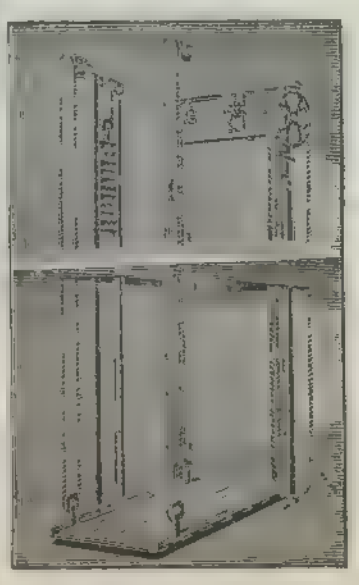
	Each
No. 11—Height 26 ft; platform not exceeding 36 sq ft	+$1040 40
Shipping wt 3000 lbs	
	Per Sq Ft
Additional sq ft of platform	+$4 20
	Per Ft
Additional ft in height	+$8 40



AUTOMOBILE OR CARRIAGE ELEVATORS

Capacity 3000 Lbs.

	Each
No. 12—Height 26 ft; platform not exceeding 84 sq ft	+$1244 40
Shipping wt 4200 lbs.	
	Per Sq Ft
Additional sq ft of platform	+$4 20
	Per Ft
Additional ft in height	+$12 76



AUTOMOBILE OR CARRIAGE ELEVATORS

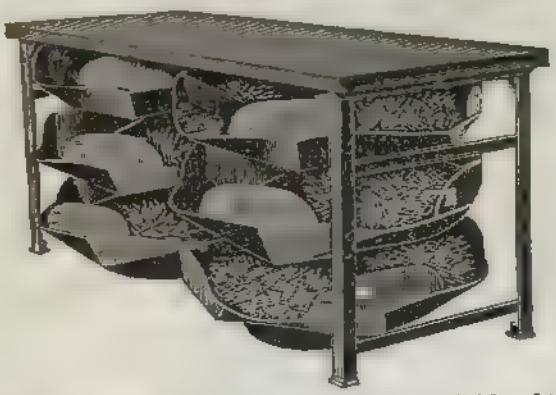
Capacity 5000 Lbs.

	Each
No. 13—Height 26 ft; platform not exceeding 84 sq ft	+$1503 60
Shipping wt 4800 lbs.	
	Per Sq Ft
Additional sq ft of platform	+$4 20
	Per Ft
Additional ft in height	+$14 70

+F. O. B. Kentucky Factory Only.

NAIL BIN COUNTERS

REVOLVO



Steel construction, olive green baked enamel finish. ⅝ inch laminated wood top covered with linoleum. 1¾ inch tee steel frame with cast iron floor protectors. 20 gauge roller leveled sheet steel ball bearing cabinets that revolve independently in either direction. Double strength steel standards in cabinets molded solidly into cast iron base. Contains 24 separate compartments, each having a capacity of 120 lbs of nails. Each compartment has label holder. Floor space required 84x41x 35½ inches.

Scoop chute for weighing and loading included as standard equipment.

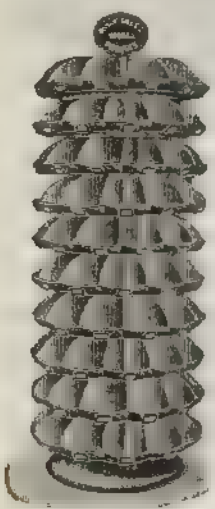
Each

No. 240—Width top 32 ins, length 84 ins; height from floor 85½ ins..... ✦$324 00

Crated; K. D. wt each 750 lbs.

BOLT CASES

REVOLVO



Annealed sheet steel bins, hand riveted; steel tubing stem. Each section works independently of every other section and are hung on adjusted ball-bearings and turns with the same ease, whether full or empty.

Each section contains twelve compartments, each compartment 7 ins. outside, 12 ins. tapering to center, 6 ins. deep.

Nos.	63	64	65	66
Sections	3	4	5	6
Bins	36	48	60	72
Wt, lbs	180	210	230	260
Each	✦$96 25	✦117 75	✦141 00	✦164 25

Nos.	67	68	69	70
Sections	7	8	9	10
Bins	84	96	108	120
Wt, lbs	280	300	325	350
Each	✦$187 50	✦210 00	✦233 25	✦256 50

Crated.

SCREW AND NUT CASES

REVOLVO

All steel construction with heavy cast base; stem of steel tubing. Sectional revolving. Label holders are conveniently placed for indexing contents. Diameter 18 inches.

No.	20C
Sections	10
Bins	100
Height, ins	42
Wt each, lbs	170
Each	✦$171 75

✦F. O. B. Ohio Factory Only.

SCALES FOR NAIL BINS

May be adjusted to raise or lower to any section of nail bin by use of a chain.

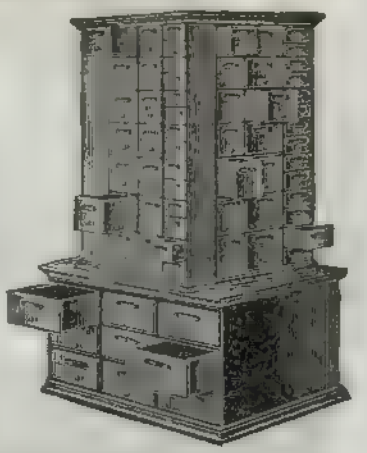
Each

No. 5NB—Scales, with scoop; wt each, 20 lbs..... ✦$39 75

Packed loose.

BOLT AND SCREW CASES

BROWN'S PERFECTION



Revolving Combination.

Oak, hard oil finish, plain. Same as Nos. 40 and 80 shown in preceding column, except the corners are square and filled in with small drawers for screws.

WITHOUT BASE, Mounted on a Block.

Height 50 ins; 24 ins square.

Each

No. 112—For bolts and screws, 112 drawers; 56 for bolts and 56 for screws; weight each crated 300 lbs.. ✦$143 25

No. 168—For screws only, 168 drawers, same size as No. 112; wt each crated 300 lbs..... ✦ 177 75

WITH BASE, Top Revolving.

Mounted on base, 30 ins square, 20 ins high; floor space 30x30 inches; height over all 69 ins.

Each

No. 130—For bolts and screws, 130 drawers; 74 for bolts and 56 for screws; 112 in revolving portion and 18 in base; wt each crated 450 lbs..... ✦$177 75

No. 200—For screws only, 200 drawers, same size as Nos. 130, 168 in revolving portion, 32 in base, otherwise same as No. 130; wt each 480 lbs..... ✦ 225 75

Drawers of 112 cases labeled as follows:
Washers, ¼, 5/16, ⅜, ½.
Bolts, ¼x1, 1¼, 1½, 1¾, 2, 2¼, 2½, 2¾, 3, 3½, 4, 4½, 5.
Bolts, 5/16x1¼, 1½, 1¾, 2, 2¼, 2½, 2¾, 3, 3½, 4, 4½, 5, 6.
Bolts, ⅜x1½, 1¾, 2, 2½, 3, 3½, 4, 4½, 5, 5½, 6, 7, 8.
Bolts, ½x2½, 3, 3½, 4, 4½, 5, 6, 7, 8, 9, 10, 11, 12.
Screws, ⅜x3, 4, 5 (in one drawer).
Screws, ½x3, 4, 5, 6.
Screws, ⅝x4, 5, 6, 7.
Screws, ¾x5, 6, 7, 8, 9.
Screws, ⅞x6, 7, 8, 9.
Screws, 1x7, 8, 9, 10, 11.
Screws, 1¼x8, 9, 10, 11, 12.
Screws, 1½x9, 10, 11, 12, 13, 14.
Screws, 1¾x11, 12, 13, 14.
Screws, 2x11, 12, 13, 14.

This leaves 14 small drawers with blank labels which can be used for tire bolts or stove bolts, etc.

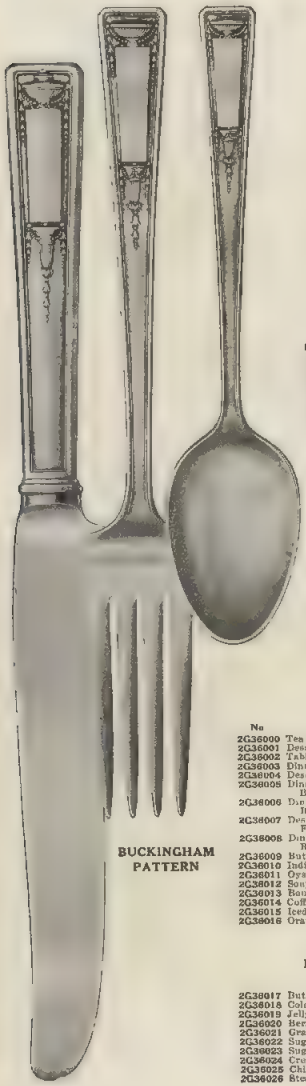
Drawers of 130 case labeled as No. 112 with additional drawers in the base as follows:
Washers, ⅝, ¾.
Bolts, ⅝x5, 6, 7, 8, 9, 10, 11, 12.
Bolts, ¾x7, 8, 9, 10, 11, 12, 14, 16.

One in crate.

Note—Labels can be easily changed to any size desired—Special cases made to order.

✦Scales—F. O. B. Ohio Factory Only.
✦Cases—F. O. B. Tennessee Factory Only.

Wallace Silver Plate



BUCKINGHAM PATTERN

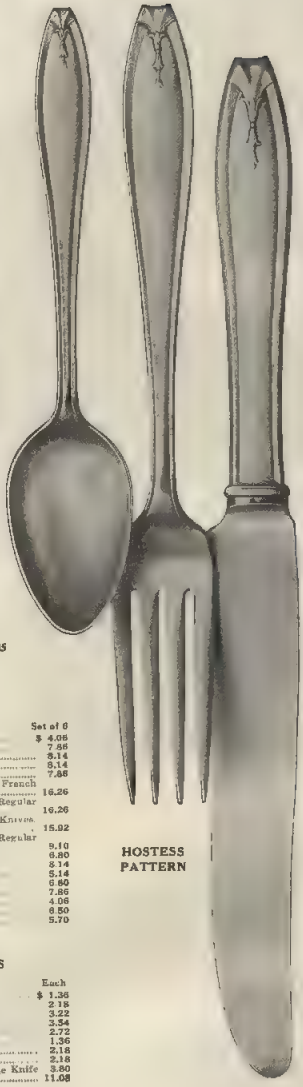
Guaranteed
by the makers without time limit

CARRIED IN OPEN STOCK

WE present on this page the two most popular and attractive patterns of "1835 R. Wallace" heaviest silver-plate, guaranteed by the makers without time limit. All pieces listed below are carried in open stock so that your original selection may be as simple or as complete as you desire. Items priced per set of six may be had in any quantity desired at the same rate. All fancy pieces come neatly packed in velvet lined gift boxes without extra charge. For attractive sets offering service for 4, 6 or 12 persons, see page opposite. Please order by number and give choice of Buckingham or Hostess patterns.

for complete sets
see page opposite

When ordering state number below and give choice of Buckingham or Hostess Patterns



HOSTESS PATTERN

STAPLES AND FANCY SETS

No		Set of 6
2G36000	Tea Spoons	$ 4.06
2G36001	Dessert Spoons	7.86
2G36002	Table Spoons	8.14
2G36003	Dinner Forks	8.14
2G36004	Dessert Forks	7.86
2G36005	Dinner Knives, Hollow Handle, Stainless Steel French Blade	16.26
2G36006	Dinner Knives, Hollow Handle, Stainless Steel, Regular Blade	16.26
2G36007	Dessert Knives Hollow Handle Stainless Steel Knives, French Blade	15.92
2G36008	Dinner Knives Solid Handle, Stainless Steel, Regular Blade	9.10
2G36009	Butter Spreaders	6.80
2G36010	Individual Salad Forks	8.14
2G36011	Oyster Forks	5.14
2G36012	Soup Spoons	6.80
2G36013	Bouillon Spoons	7.86
2G36014	Coffee Spoons	4.06
2G36015	Iced Tea Spoons	6.50
2G36016	Orange or Grapefruit Spoons	5.70

FANCY SINGLE PIECES AND SETS

		Each
2G36017	Butter Knife	$ 1.36
2G36018	Cold Meat Fork, large	2.18
2G36019	Jelly Server, large	3.22
2G36020	Berry Spoon, large	3.54
2G36021	Gravy Ladle	2.72
2G36022	Sugar Spoon	1.36
2G36023	Sugar Tongs	2.18
2G36024	Cream Ladle	2.18
2G36025	Child's Set, 3 pc., Fork, Spoon and Hollow Handle Knife	3.80
2G36026	Steak Set, 2 pc., Stainless Steel Blade	11.08

Buda Railway Motor Cars

No. 519-W
Wood Frame

No. 519-S
Steel Frame

These cars are the same except as to frame construction.

For Safety, Dependability, Low Cost of Operation and Maintenance Ample power and strength together with ease of handling make this a truly ideal 'center-load' motor car.

Engine: Model "11" Horizontal, two-cylinder, opposed, FOUR CYCLE, air cooled, free-running, 2¾" bore, 2¾" stroke, developing 4 horsepower. Equipped with counterbalanced crack shaft mounted in ball bearings. Engine entirely enclosed and dust-proof. Started with rope, independent of movement of car.

Ignition: Eisemann flywheel type, requiring no batteries or coil; reliable in operation and simple in construction.

Lubrication: Circulating splash system. Oil level maintained by specially designed idler gear, carrying oil to dipper trough.

Transmission: Friction disc type. Provides two speeds (or gear ratios) both forward and reverse. Four-spline countershaft (carrying friction wheel) equipped with ball bearings. Adjustable sole plates provide easy means for alignment of engine and transmission surfaces.

Wheels: 14" diameter, wood-center. One wheel loose on axle.

Axles: 1¼" diameter, cold-rolled steel, heat-treated.

Axle Bearings: Bower Roller type, self-aligning; oil lubricated.

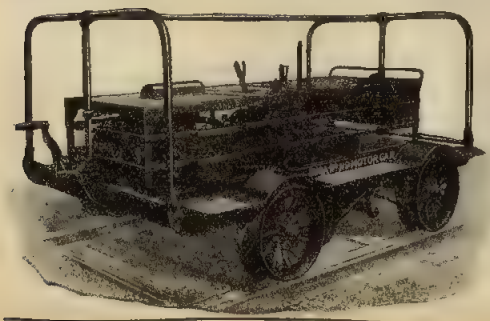
Brakes: Positive, hand-operated, adjustable shoe brakes on four wheels.

Rail Skids: Angle iron, located immediately below side frame members.

Wheelbase: 36 inches.

Number	519S	519W
Length Overall, Inches (over wheels)	51½	51½
Width Overall, Inches (over axle nuts)	64	64
Height to top of deck, Inches	25	25
Frame Length, Inches	43	42
Seat Length, Inches	10½	10½
Seat Height, Inches	15	15

Number	519S	519W
Tooltray Length, Inches	39	39
Tooltray, Width, Inches	17	17
Tooltray, Depth, Inches	4	4½
Light Weight, Pounds	390	385
Price	$350.00	$330.00



No. 119

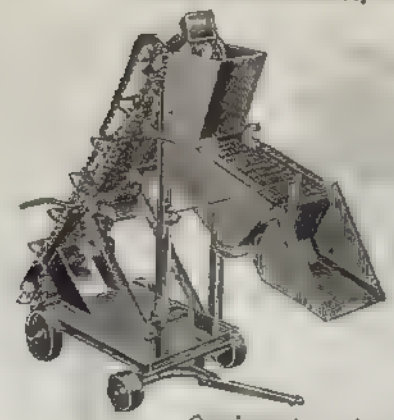
Heavy Duty Railway Motor Car —With No. 193 Trailer

For the handling of large gangs at speeds consistent with Safety First operation. These cars are of the two cylinder, friction driven type, developing extreme power for unusually heavy operating conditions. Other types ranging from two to twelve man capacity. Full information and prices furnished on application.

D 7

STEEL TOYS

SAND SCREENER, "BUDDY L"



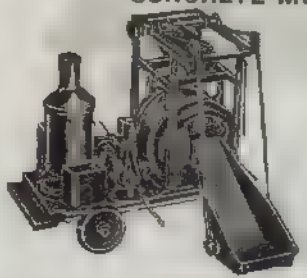
Heavy stamped steel, black enamel baked on finish. Provided with a series of buckets on an endless chain which elevates sand and gravel onto a shaking screen, the vibration of which separates the sand from the gravel depositing each in independent hoppers from which either may be dumped at will.

Each

No. 300—Length 29 ins; height 21 ins.....$25 50

One in carton; wt each 18 lbs.

CONCRETE MIXER, "BUDDY L"



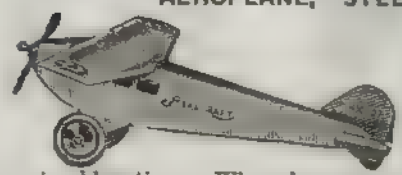
20 gauge pressed steel, grey enamel baked on finish. Elevating hopper dumps material into drum, water flows from tank on top. Drum rotates, mixing concrete. Finished mixture empties from opposite side.

Each

No. 280—Length 16 ins; width 13 ins; height 15 ins.....$27 00

One in carton; wt each 16½ lbs.

AEROPLANE, "STEELCRAFT"



Heavy gauge steel, grey baked enameled body, red baked enameled wings, wheels and tail pieces.

Double disc steel wheels gilded to represent rubber tires. When drawn across floor the propeller revolves making a clicking sound. Equipped with cord and hand ball for drawing.

Each

No. 107—Length 22⅜ ins; width tip to tip of wing 22¾ ins; height 7½ ins.....$2 70

Half doz in carton; wt each 4 lbs.

AEROPLANE, "STEELCRAFT"

Heavy gauge steel, grey baked enameled body, red baked enameled wings, propellor, wheels and tail pieces.

Double disc steel wheels with solid rubber tires. When drawn across floor the propeller revolves, making a clicking sound. Equipped with cord and hand ball for drawing.

Each

No. 130—Length over all 24 ins; width tip to tip of wing 22½ ins; height 7¾ ins.....$5 10

One in carton; wt each 7 lbs.

DUMP TRUCK "STEELCRAFT"

Heavy gauge steel, double disc steel wheels with solid rubber tires. Hood, seat and chassis green baked enamel finish, bed and wheels red baked enamel finish. Equipped with cord and hand ball for drawing. Each

No. 120—Length 23¼ ins; width 8¾ ins.....$4 95

One in carton; wt each 8 lbs.

STEEL TOYS

HOOK AND LADDER, "STEELCRAFT"

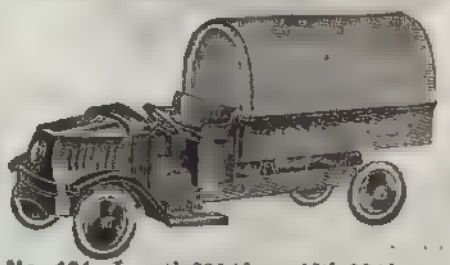
Heavy gauge steel; double disc steel wheels with rubber tires. Equipped with pull cord; non-steering, bright red baked enamel finish.

Each

No. 121—Length 29 ins; width 8¾ ins; ladder length in three sections 58½ ins.....6 90

One in carton; wt each 10 lbs. $3 00

ARMY TRUCK, "STEELCRAFT"



Heavy gauge steel; double disc steel wheels with rubber tires. Equipped with pull cord; non-steering; fawn body, red wheels, all baked enamel.

Each

No. 124—Length 23¼ ins; width 8¾ ins.....6 45

One in carton; wt each 9 lbs. $3 00

ICE DELIVERY TRUCK, "STEELCRAFT"

Heavy gauge steel; double disc steel wheels with rubber tires. Equipped with pull cord; non-steering; bright green baked enamel body, red wheels.

Each

No. 122—Length 24¼ ins; width 8¾ ins.....6 60

One in carton; wt each 8 lbs. $2 80

INTER-CITY BUS, "STEELCRAFT"

Heavy gauge steel; double disc steel wheels with rubber tires. Equipped with pull cord; non-steering; fawn body, red wheels, all baked enamel.

Each

No. 123—Length 25 ins; width 7 ins.....6 45

One in carton; wt each 8 lbs. $2 60

D II

STEEL TOYS

RAILWAY EXPRESS TRUCK, "SON-NY"

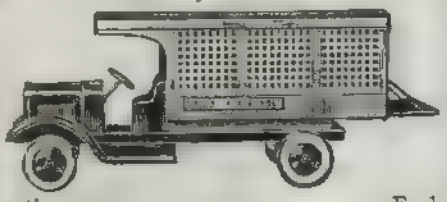
20 gauge steel, finished in red and black enamels baked on. Double strength frame, will carry 300 lbs; 4 inch double disc wheels; easy steering construction.

Each

No. 4—Length 29 ins; height 11½ ins $9 00

One in carton; wt each 17 lbs.

PARCEL POST TRUCK, "SON-NY"



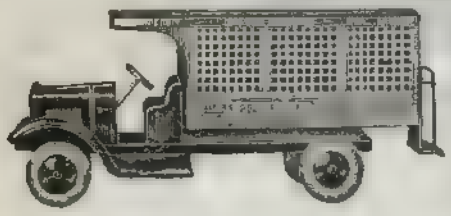
20 gauge steel, finished in green, black and orange enamels baked on. Double strength frame will carry 300 lbs; 4 inch double disc wheels; easy steering construction.

Each

No. 3—Length 29 ins; height 11½ ins $9 00

One in carton; wt each 17 lbs.

POLICE PATROL, "SON-NY"



20 gauge steel, finished in blue, black and orange enamels baked on. Double strength frame, will carry 300 lbs; 4 inch double disc wheels, easy steering construction.

Each

No. 5—Length 29 ins; height 11½ ins $10 50

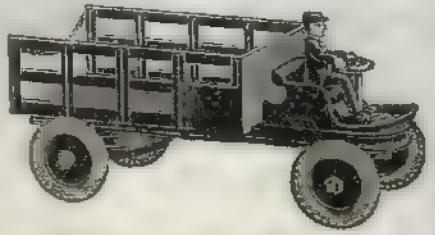
One in carton; wt each 18 lbs.

MECHANICAL TOYS

KINGSBURY, MOTOR DRIVEN

Heavy gauge pressed steel bodies; disc steel wheels, with soft rubber tires vulcanized on; finished with high quality baked enamel which gives a glossy, durable finish; best grade flat steel springs, practically unbreakable under regular use.

Auto Truck.

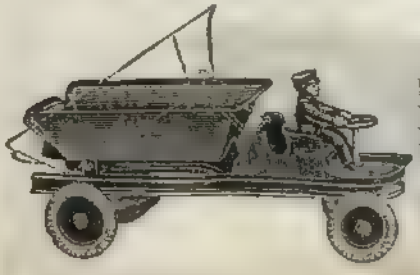


Dark blue body, decorated, red wheels.

Per Doz

No. 718—Length 9 ins $24 00

One in cardboard box three doz in case; wt per doz 13½ lbs.



Dump Truck.

Dark blue chassis, bright red body and wheels. Body raised to dumping position by lever.

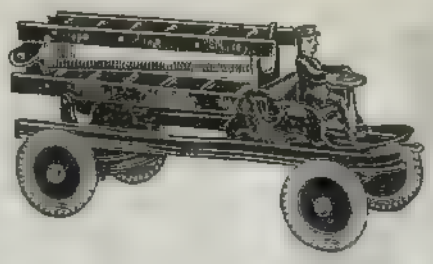
Per Doz

No. 729—Length 9 ins $24 00

One in cardboard box, three doz in case; wt per doz 15 lbs.

MECHANICAL TOYS

KINGSBURY, MOTOR DRIVEN



Ladder Truck.

Bright red with yellow ladders. Carries three wooden ladders, each 6½ inches long.

Per Doz

No. 736—Length 9½ ins $24 00

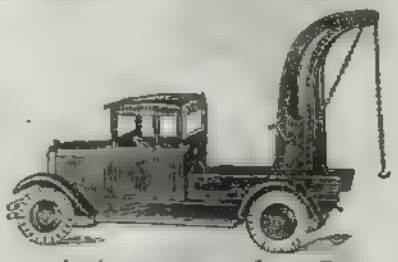
One in cardboard box, three doz in case; wt per doz 13½ lbs.

Wrecking Car.

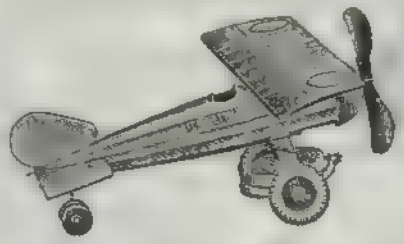
Bright red with green derrick and black chassis. Similar to equipment now used by modern garages.

Per Doz

No. 348—Length 14 ins $69 00



One in cardboard box, one doz in case; wt per doz 30 lbs.



Trans-Atlantic Monoplane.

Bright silver with blue propeller and red wheels. Plane runs in circles "banking" realistically with propeller spinning, wheels may also be set to go straight.

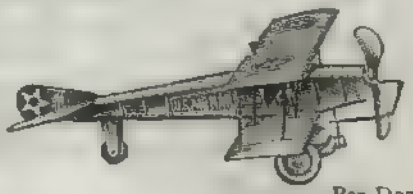
Per Doz

No. 710—Length 12 ins $25 50

One in cardboard box, one doz in case; wt per doz 30 lbs.

KINGSBURY, MOTOR DRIVEN

U. S. Air Mail.



Bright blue body, gold, wings white stars with red centers. Model of the U. S. Air Mail Plane; runs on the floor and propeller spins while plane is in motion.

Per Doz

No. 766—Length 15 ins; wing spread 12 ins $39 00

One in cardboard box, one doz in case; wt per doz 30 lbs.

Trimotor Monoplane.

Finished in a combination gold and silver bronze with a duotone of green bronze. All three propellers spin as the motor drives the plane along.

Per Doz

No. 767—Wing spread 15 ins. $54 00

One in cardboard box, one doz in case; wt per doz 36 lbs.

SPIT FIRE MOTORCYCLE AND POLICEMAN

Sheet metal, motorcycle lithographed in red and white giving the wheels a rubber tire effect, policeman dressed in blue uniform with puttees. When in operation gives a throw-off spark similar to a muffled motorcycle.

Per Doz

No. 6180—Length 7 ins; height 5 ins $12 75

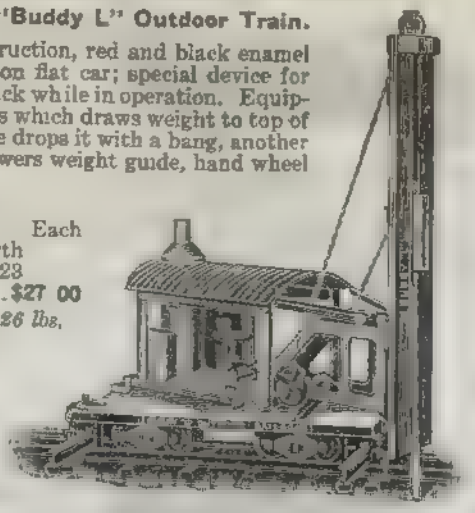
One in cardboard box; wt per doz 8½ lbs.

STEEL TOYS

LOCOMOTIVE PILE DRIVER, "BUDDY L"

For Use With "Buddy L" Outdoor Train.

All steel construction, red and black enamel finish; mounted on flat car; special device for holding car to track while in operation. Equipped with windlass which draws weight to top of guide, trip release drops it with a bang, another windlass lowers weight guide, hand wheel rotates cab.

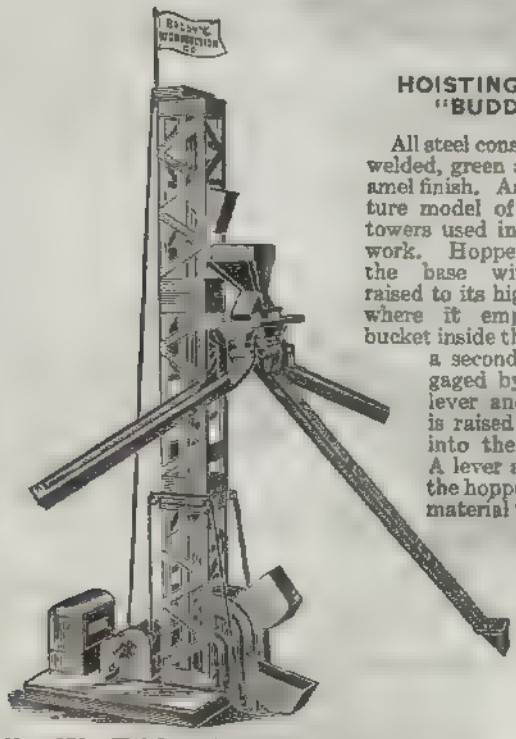


Each

No. 1022—Length 22 ins; height 23 ins.....$27 00

Crated; wt each 26 lbs.

HOISTING TOWER "BUDDY L"



All steel construction, spot welded, green and black enamel finish. An exact miniature model of the hoisting towers used in construction work. Hopper is loaded at the base with material, raised to its highest position where it empties into a bucket inside the framework, a second drum is engaged by means of a lever and the bucket is raised and emptied into the top hopper. A lever at the base of the hopper permits the material to be emptied into any one of the three swinging troughs.

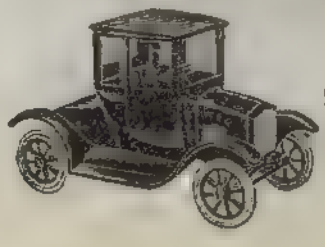
Each

No. 350—Height 38½ ins; base 12 ins square..... $33 00

One in carton; wt each 25 lbs.

"BUDDY L" LINE

The Buddy "L" line of toys are practical, sturdy and educational for all children. They are built to withstand hard knocks and rough handling. Constructed of high grade steel; braced, riveted and welded throughout. Finished in baked red and black enamel.



FLIVVER COUPE "BUDDY L"

20 gauge, pressed steel, red enameled wheels, black enamel baked on finish.

Each

No. 2108—Length over all 11 ins; height 7 ins; width 5½ ins.....$6 30

One in cardboard box; wt each 3 lbs.

STEEL TOYS

DELIVERY TRUCK, "BUDDY L"

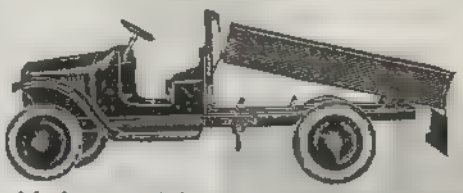
Heavy stamped steel body and fenders, extra heavy chassis and strong axles and frame, black enamel finish; red aluminum wheels. Canopy top, drop end gate and curved bottom body.

Each

No. 212A—Length 14½ ins; height 7 ins..... $8 25

One in carton; wt each 11 lbs.

DUMP TRUCK, "BUDDY L"



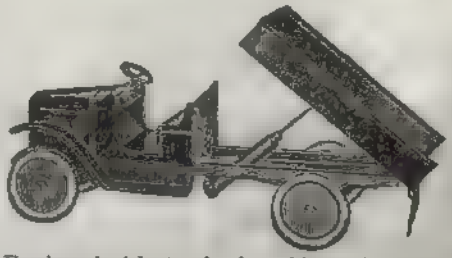
20 gauge, pressed steel, black and red enamel baked on finish. Braced and riveted; welded throughout. Equipped with lever and locking ratchet for hoisting and dumping. Disc wheels.

Each

No. 201—Diam of wheels 4½ ins; width 8¾ ins; height 9¼ ins; length over all 25 ins $10 50

One in carton; wt each 10 lbs.

HYDRAULIC DUMP TRUCK, "BUDDY L"



20 gauge, pressed steel, solid aluminum wheels; red and black enamel baked on finish. Operates on the hydraulic principle, by releasing lever body raises and dumps automatically; drop end gate. Equipped with steering knuckles and column.

Each

No. 201A—Length 25 ins; height 9¼ ins.. ..... $15 75

One in carton; wt each 9 lbs.

SAND AND GRAVEL TRUCK, "BUDDY L"

20 gauge, pressed steel, solid aluminum wheels; red and black enamel baked on finish. Two compartment body with removable partition, two lift doors on each side, sloping body allows material to pour out. Equipped with steering knuckles and column.

Each

No. 202A Length 25½ ins; height 12½ ins $15 00

One in carton; wt each 10 lbs.

STEEL TOYS

MOVING TRUCK, "BUDDY L"

20 gauge, pressed steel, black, red and green enamel baked on finish. Braced and riveted; welded throughout Double rear doors equipped with catch. Disc wheels.

Each

No. 204—Diam of wheels 4½ ins; width 8½ ins; height 11 ins; length over all 25 ins.....$13 95

One in carton; wt each 11 lbs.

OIL TANK TRUCK, "BUDDY L"

20 gauge, pressed steel, black and red enamel baked on finish. Braced and riveted; welded throughout.

Large tank equipped with brass faucet and opening in top for filling and rack on each side of tank for carrying cans. Disc wheels.

Each

No. 206—Capacity 1 gallon; length over all 26 ins; height 12½ ins; width 9 ins; diam wheels 4¼ ins.....$15 00

One in carton; wt each 12 lbs.

ICE TRUCK, "BUDDY L"

20 gauge pressed steel cab, body and fenders, channel steel chassis; black baked enamel finish cab, yellow body, red chassis and aluminum wheels. Equipped with step, hand rails, cross chain and removable sliding canvas cover.

Each

No. 207—Length 26½ ins; width 9 ins; height over all 12½ ins.....$15 00

One in carton; wt each 10 lbs.

FIRE TRUCK, "BUDDY L"

20 gauge pressed steel; brilliant fire red enamel baked on finish. Riveted and braced throughout; brass hand rails and bell. Equipped with two extension ladders, length 72 inches, hose reel and movable crane. Disc wheels.

Each

No. 205—Length 27 ins; height 12 ins; width 8½ ins.....$18 00

One in carton; wt each 10 lbs

STEEL TOYS

HYDRAULIC AERIAL TRUCK, "BUDDY L"

20 gauge pressed steel; solid aluminum wheels; bright red enamel baked on finish; brass bell; nickel plated ladders. With steering knuckles and column.

Equipped with a hydraulic mechanism by means of which the ladder unit raises itself automatically upon moving a lever. The ladders may be extended nearly 4½ feet and rotated in any direction.

Each

No. 2058H—Length 39 ins; height 10 ins.....$24 00

One in carton; wt each 15 lbs.

COACH, "BUDDY L"

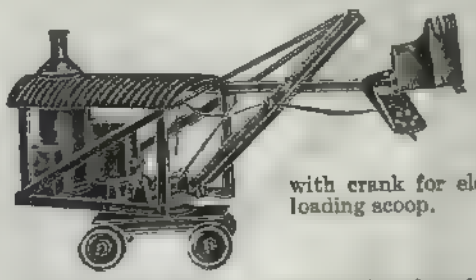
Heavy stamped steel body, black baked enamel. Built on a long low graceful chassis that includes all the details of the finest inter-city buses. Dual wheels on rear axle. Equipped with bumpers, headlights, sunvisor, radiator cap and two spare wheels, steering is accompolished by turning the spare wheels.

Each

No. 208—Length 29¼ ins; width 8¼ ins; height 7¾ ins.....$26 25

One in carton; wt each 17 lbs.

STEAM SHOVEL, "BUDDY L"



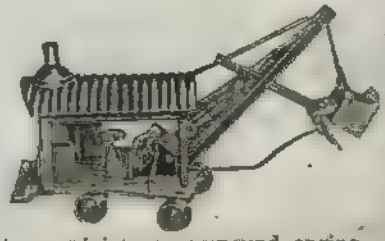
20 gauge, pressed steel, black and red enamel baked on finish. Braced and riveted; welded throughout Equipped with crank for elevating and unloading scoop.

Each

No. 220—Width 7 ins; height 13 ins; length over all 25¾ ins.....$6 30

One in carton; wt each 11 lbs.

IMPROVED STEAM SHOVEL "BUDDY L"



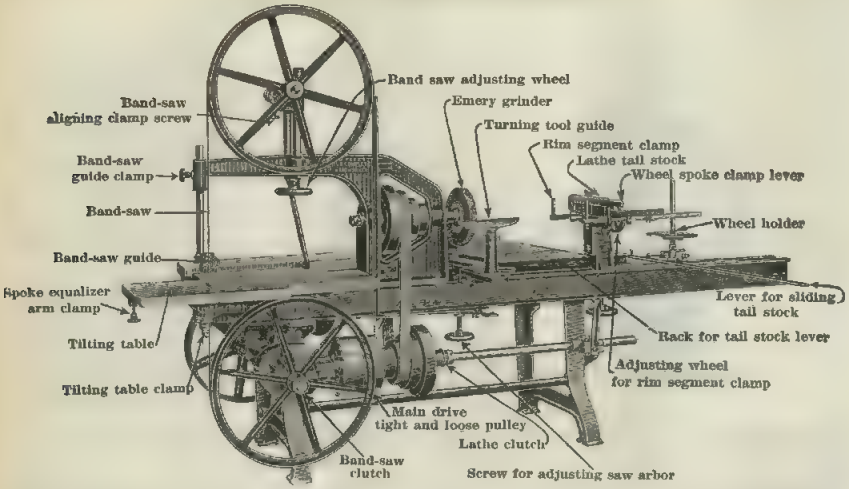
Heavy stamped steel, reinforced and electrically spot welded; body, boom, shovel and wheels black baked enamel; roof and base, red baked enamel. Operates on the same principle as steam shovels of the latest type. The boom is extended by a rack and gear operated by a miniature compound engine. Double clutches control all movements of the shovel itself, a tiller wheel turns the cab.

Each

No. 220A—Length 27½ ins; height 14 ins.....$19 50

One in carton; wt each 12 lbs

E BUFFALO WOOD WORKERS



The Buffalo Complete Woodworker has been designed for use by carpenters, wagon and pattern makers, normal training schools and all wood-working shops. The machine is exceptionally well built, there being no skimping in either weights or capacities.

The Buffalo is so designed that almost any desired woodworking operation can be performed on it without extra attachments. Simply change the tools—then go ahead. In addition to its general woodworking facilities, it possess features especially valuable to the blacksmith, wagon and pattern maker, for drilling or boring in a wheel rim or tire on a true radial line with the center of wheel, and for tenoning and equalizing spokes in wheels after insertion in the hub.

TWELVE MACHINES IN ONE

Band Saw	Edge Moulder
Rip Saw	Lathe
Cut-off Saw	Grinder
Planer and Jointer	Borer and Driller
Sander	Spoke Equalizer
Shaper	Tenoner

In band saw work the tilting table, 20x24 in., is a new feature just added. It is so arranged that the operator can tilt the table to any angle up to 45 degrees, which will permit him to do almost any kind of bevel sawing and shaping. The band saw furnished is 1-2 in., with anti-friction guide. The wheel is 27 in. diameter, and the maximum clearance 12 inches

A rip saw and a cut-off saw, both 12 in. diameter, are furnished with the machine. This saw can be raised or lowered to make cuts of any depth up to 3½ in. The adjustable gauge, when used as a ripping fence, can be set at any distance from saw up to 12 in. For cross-cutting, a removable cut-off gauge is provided having a quadrant permitting adjustment for sawing to any angle from 30 up to 90 degrees.

The planing table is made in two parts, fitting in a channel in the main table, and is adjusted horizontally to give access to the mandrel. Both ends of the sliding table are held rigid in any position by two hand screws. An adjustable gauge is furnished which can be set close to the planer head or any distance from it, up to 12 in. It can be set at 90 degrees angle with the table top, or be tilted back. A 10-in. planer head with knives is furnished with the machine.

The lathe will take work up to 18 in. diameter and 48 in. long. The lathe head has four cone pulleys—5½-, 7½-, 9¾- and 12-in. diameter—taking a 2-in. belt.

Equipment includes a tool rest, one spur center, and a face plate. A disc sander or a grinder can be fixed to face plate, but are not included with outfit.

A unique and patented feature of the machine is the carriage on the boring table, not only for holding wheels but for drilling, boring and cutting tenons. The carriage has a traversing as well as a vertical movement.

In tenoning spokes, a lever is provided for feeding. A small stop screw can be set to arrest the carriage when the desired depth has been bored. This is essential when mortising. A boring socket, to hold 1-2 in. round shank bits, is furnished with the machine.

It is impossible on this page to give the full capacity of operations of this machine, but it is easy for three men to work at one time.

Specifications—Without Motor

Dimensions of table, 6½ ft. long, 4½ ft. wide; height to top of table 35 in.; overall length, with spoke equalizer and carriage extended, 14 ft.; size of drive pulleys 10x3½ in.; diameter of drive shaft 1⅞ in. Main drive is controlled from either side by lever and belt shifters. Maximum power required to operate all parts of machine at one time, 4 to 5 h.p.

NO.	Wt. Each	EACH
1	2150 lb.	$700.00

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No. 115
A genuine toy washer for baby's dresses, stockings, etc. Will actually wash. Equipped with rotating splash-rib tub and strong spring wind motor.
Retail $6.00

AERO-ZEPS
No. 135
Continuous action, spinning propellers a fast action toy attractively lithographed.
Retail $1.00

LITTLE MISS WASHTUB
No. 121
Now has a new, heavy galvanized tub with Kewpie baby design.
Retail $2.00

LOS ANGELES ZEPPELIN
No. 125
Spiral rod motor, spinning propellers, stream-line cabin. A knock-out at
$1.25

WASHETTE
No. 130
An economical and educational toy beautifully lithographed in bright pink with silhouettes.
Retail $1.25

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Pilliod Toy Cedar Chests—exact duplicates of full size chests—present year-round opportunities for your toy department. Every day is a Pilliod Chest gift day! They are available in a variety of sizes and beautiful designs, all finished and manufactured in the superb Pilliod manner.

Other exclusive Pilliod creations include chests for stationery, candy, perfume, etc.—permanently useful containers that double the sales appeal of products, and double the profits. Write today for complete information.

Meet Us at the SUMMER TOY FAIR

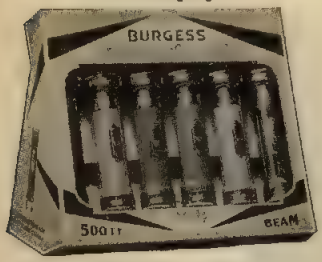
New York City—June 9th to 14th

New York Office: 200 Fifth Avenue

PILLIOD CABINET COMPANY—SWANTON, OHIO

Burgess Flashlights

F22 Display



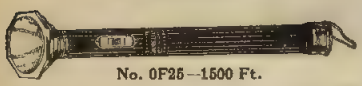
"The finest and best Focusing Flash-light for the money." Focusing beam 500 ft. Contains 1 each of 6 colors, Red, Blue, Green, Khaki Brown, Black and Nickel. List Price, Complete $7.80

Broadbeam Type

Focusing—Long Range Types

No. F12—300 Ft.

No. F22—500 Ft.



No. 0F25—1500 Ft.

Cat. No.	Style	Finish	List Without Batteries	List With Batteries
6100	Broadbeam	3 Black and 3 Nickel	$0.75	$0.95
M22	Broadbeam	3 Black and 3 Nickel	1.30	1.50
FH23	Focusing Headlight	Nickel only	2.95	3.25
FL23	Focusing Lantern	Red crackle	2.95	3.25
22	Broadbeam	4 colors, 1 Nickel, 1 Black	.95	1.15
23	Broadbeam	Black or Nickel	1.45	1.75
F12	Focusing	4 colors, 1 Nickel, 1 Black	.95	1.15
F22	Focusing	4 colors, 1 Nickel, 1 Black	1.30	1.50
F23	Focusing	3 Black and 3 Nickel	2.20	2.50
OF23	Focusing	2 Black and 1 Nickel	3.20	3.50
OF25	Focusing	2 Black and 1 Nickel	4.50	5.00

Flashlight Batteries

Cat. No.	No. Cells	Description	Unit Package	List Price Each
		Uni-Cels		
1	.....	Baby Tubular Type	12	$0.10
2	.....	Standard Tubular Type, Also Industrial Type	36	.10
			. .	.....
		Tubular		
7R22	2	Pen Light Type	1	.20
122	2	Baby Tubular Type	10	.20
222	2	Standard Tubular Type	10	.20
232	3	Standard Tubular Type	10	.30
		Flat		
722	2	Midget Flat Type	1	.20
422	2	Standard Flat Type	1	.20
432	3	Standard Flat Type	1	.30
532	3	Standard Flat Type	1	.30
		Lantern		
1842	4	R. R. Lantern Type	1	.60

Burgess Snaplite Flashlight

No. 2 Vest Pocket Flashlight

The smallest and most popular flashlight. As small as a penny box of matches and as light as a watch. Will fit any pocket.

No. 4

Larger than the No. 2 —gives triple life. For mechanics, watchmen or any one requiring frequent and maximum light in the smallest possible size.

← Actual Size

Number Two Complete Assembly	4 Red, 4 Blue, 4 Green, 4 Brown, 4 Black	$0.39
Battery 429	For No. Two Snaplite	.20
Snapper and Lamp 942	For No. Two and No. Four Snaplite	.20
Number Four Complete Assembly	10 Only Black Crackle With Red & White Medallion	.60
Battery—449	For Number Four Snaplite	.40

HE
DDIES'
HOICE--

mbination Table
d EDUCATIONAL
LACKBOARD

Litho Plate

UNBREAKABLE WRITING SURFACE

EDUCATIONAL BLACKBOARDS *in* COLORS

istinctive . . . Subdued . . . yet
rilliant enough . . . these
ITHO PLATE Educational
lackboards, in Colors, attract
e child . . . arouse the parent.
heir color effects blend with
e appointments of the home.
ITHO PLATE Educational
ackboards offer a line, complete
every way, that will bring in-
eased sales and satisfied customers.

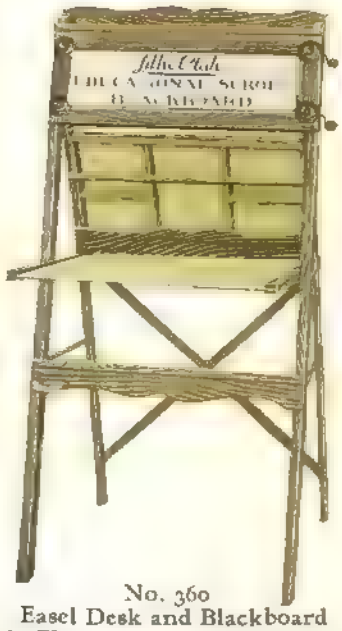
ON DISPLAY CHICAGO TOY FAIR
APRIL 26th TO MAY 10th
Direct Toy Sales Corporation ▪ *Baker & Bennett Company*
HOTEL SHERMAN PALMER HOUSE
Harry Ashmead, HOTEL MORRISON

RICHMOND SCHOOL FURNITURE CO.
MUNCIE, INDIANA

Litho Plate

Easel and Wall
BLACKBOARDS

LITHO PLATE Educational Blackboards appeal to both children and their parents because of their sturdy construction and many exclusive features. Finished in natural oak or colors, with an unbreakable writing surface and many interesting charts. Delivered in perfect condition because they are packed in individual cartons. LITHO PLATE Educational Blackboards offer a type and model to meet every demand and price requirement.



No. 360
Easel Desk and Blackboard
60 Charts - 30 in Colors

Framed
Wall Blackboard

Individual, 250 lb. tested shipping carton—insuring safety, convenience, and cleanliness

No. 120
WALL BLACKBOARD
20 Charts - 10 in Colors

Closed View of Easel Desk and Blackboard

On Permanent Display with the Following Direct Factory Sales Representatives

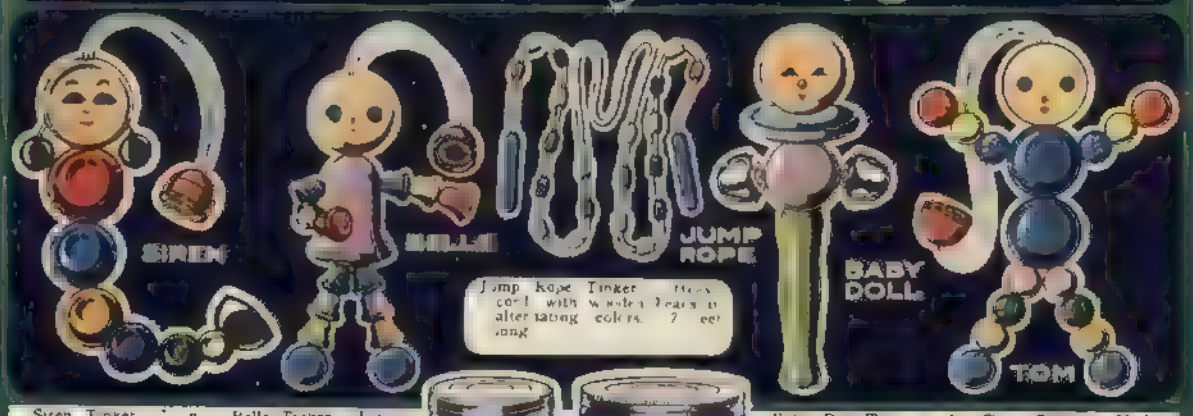
Baker & Bennett Co. . . . 873 Broadway, New York City
Direct Toy Sales Corp., 215 Fourth Ave., New York City
Harry H. Ashmead, ... Clinton Bldg., Columbus, Ohio
Welcome G. Young & Son, 116 Bedford St., Boston, Mass.
C. S. Unna Co., . . Terminal Sales Bldg., Portland, Oregon
Pacific Sales Co., 718 Mission St., San Francisco, California

Also on Display with Following Chicago Jobbers:

L. GOULD & COMPANY A. G. McCLURG & COMPANY N. SHURE COMPANY
HIBBARD, SPENCER BARTLETT & CO. MARSHALL FIELD & CO., Wholesale

RICHMOND SCHOOL FURNITURE CO.
MUNCIE, INDIANA

Tinker Toys of 1930



Jump Rope Tinker — Heavy cord with wooden beads in alternating colors. 7 feet long.

Siren Tinker — [illegible] enameled balls strung loosely on cord. 8½" long.

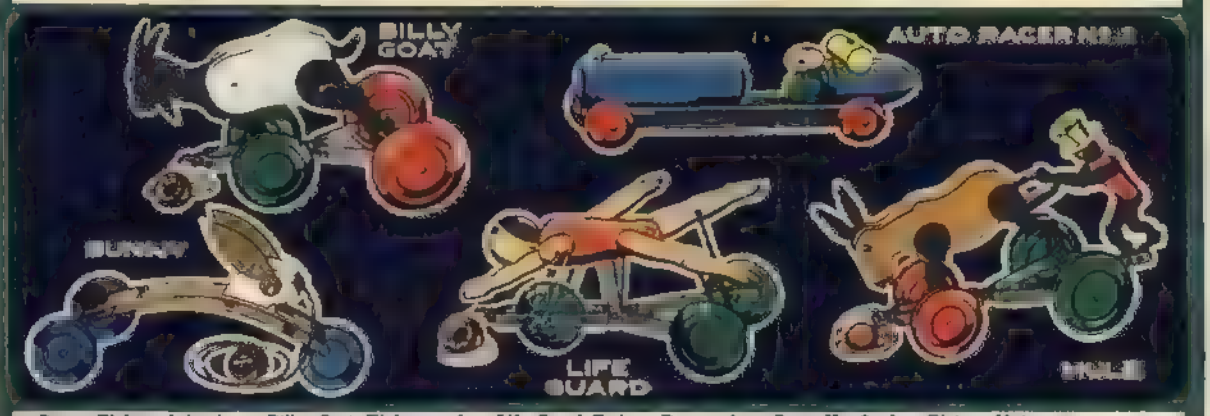
Belle Tinker — Twin sister dressed in pastel colors. 7" high.

Baby Doll Tinker — A new type rattle with jingling bells. Pastel colors. 3½" high.

Tom Tinker — Made of brightly colored enameled wooden heads. 8" high.

Tinkertoy — The [illegible] favorite plaything. 53 pieces of the finest New England white birch with colored cardboard wood leaves and illustrated instruction book, showing many models. The fastest selling construction toy ever made. Packed in mailing can, 3" by 12".

Double Tinkertoy — A larger [illegible] of Tinkertoy containing over a many parts and ten additional pieces. Ample possibilities in constructive models. Will build 10,000 interesting and instructive working toys. Contains illustrated instruction book. Packed in compact mailing can, 4" by 12".



Bunny Tinker: A bright-ly colored pull toy, with realistic eaping motion. 9" long.

Billy Goat Tinker: A sturdily constructed goat, simulating the natural action. 10" long.

Life Guard Tinker: Represents a swimmer using a realistic overhand stroke. 8¾" long.

Auto Racer No. 2: A sturdy well-made toy at a popular price. 5¾" long.

Tinker Mule — A realistic Mule and darky in realistic kicking action. 10½" long.

See other side.

Information upon request from your jobber or from

The Toy Tinkers, Inc.,
Evanston, Ill., U. S. A.

Doll Furniture [illegible] walnut with colored edges. Ranging from 2" to 4" in size, to fit the average doll house

Gym Tinker [illegible] baby doll. Can assume any position. Tension spring construction. 8¾" high

Kinderbeads Tinker [illegible] ed, ¾" [illegible] in 5 shapes and 8 colors, with tape and holder for stringing

Jack & Jill Tinker [illegible] tion set of 5 pieces of various shapes, sizes and colors. Packed in fibre can. Doll at left 7¾" high

Tinker Beads No 6 [illegible] ger cuts, enameled in 6 prime colors with tape and holder in glass keg. Makes string 37½" long

Tinker Beads No. 4. 168 enameled beads, tape and holder in colored metal can. Makes string 126" long

Dragon Tinker. A pull toy with flexible rubber back bone, 12" long

Abacus Tinker. [illegible] ern adaptation of the world's best toy. 165 interchangeable wooden beads. 14" by 9¾"

Tinker Beads, [illegible] en shapes as No. 1, 28 enameled beads makes 11" string, No. 2, 47" string No. 3, 100" string

Necklace Tinker. [illegible] colored beads on strong tape with blue or pink bow. 12" long

Jockey Tinker. [illegible] ra ing horse and jockey. Gallops realistically when pulled. 12" long

Choo Choo Tinker. A substantial pull toy. Engine and coach 14" long

Tinker Dog. [illegible] ng bounds that can wher pulled 5" long by 5" wide

Pony Tinker. [illegible] pedals up and down as toy is pulled. 8" long by 6" high

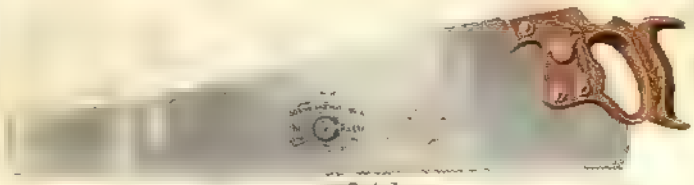
Puppy Tinker. [illegible] assumes many positions by tension strong back bone 6½" long

Lithographed in U. S. A.

BLUE GRASS TOOLS

"THE NATION'S STANDARD OF QUALITY"

BG 442



BG 47

BG 47-½

BG 4

BG47

8 INCH MILL FILE

BG 256 40

BC 5708

BG 1 -40

BG 847

BG 6

WHY YOU SHOULD BUY "BLUE GRASS TOOLS"

"The Nation's Standard of Quality"

"Quality"

Blue Grass Tools are made of the very highest grade materials suitable to the uses and requirements of the individual items in the line. They are manufactured in the best equipped factories in this Country by skilled mechanics, specialists in their line, many of whom have spent their lives in the making and perfecting of fine tools. They are subjected to the most critical tests and inspections during the process of manufacture and to additional inspection before acceptance into our stock. Blue Grass tools are in fact "The Nation's Standard Of Quality".

"Finish"

In keeping with the highest quality possible Blue Grass Tools have only the highest finishes adding that unmistakable touch that announces, even to the layman: "here is a thoroughbred that any man should be proud to possess." Many important lines such as Axes, Hatchets, Hammers, etc. are furnished in several different finishes to suit individual taste, but all are of the same quality. Blue Grass Handles in Axes, Hatchets and Hammers are of Super quality specially selected second growth hickory, sand belted, waxed and polished.

"Variety"

The Blue Grass line offers the merchant a greater variety of High Grade Tools than any factory brand in the market today. No single tool maker, makes near as complete a line and the merchant handling the Blue Grass line, can sell a mechanic or householder a more nearly complete line of tools than can be had under any other brand. A satisfied customer on one Blue Grass Tool is always a live prospect on many other items.

"Performance"

Blue Grass Tools have been giving complete satisfaction for more than forty years, during which time millions of individual items have passed from the Stores of our customers into the hands of the users—many have passed from one generation to the next and are still giving complete satisfaction.

"Profit"

Almost invariably Blue Grass Tools are priced lower than the comparable qualities of factory or other brands This saving in price is intended to give our Merchant Customers a higher average profit than is obtainable on other brands.

"Complete Satisfaction"

There is no Brand of Tools offering more in quality, finish, or service. None that offers a greater number of items to select from at prices that will show our customers a fairer margin of profit and at the same time cost no more than the average good article.

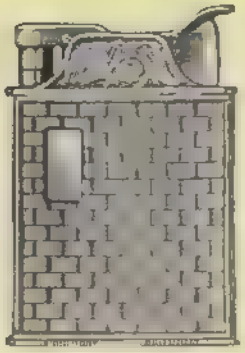
"Protection"

We assure the merchant handling Blue Grass Tools that every piece is perfect in workmanship and material and will give complete satisfaction when used properly for the purpose intended We cannot guarantee against failure due to abuse or mis-use, but will gladly replace any Blue Grass Tool that shows defective material or faulty workmanship.

"Reputation"

The Reputation of the Belknap Hardware & Mfg. Co. built up during 90 years of constant growth and honorable service stands behind every Blue Grass Tool.

EVANS



E1625 White finish basket weave design . . . . . $6.00 ea.

— EVANS —
NEW ROLLER BEARING ACTION

Lighter Magic is achieved in the New Evans—the magic of modern mechanical perfection.

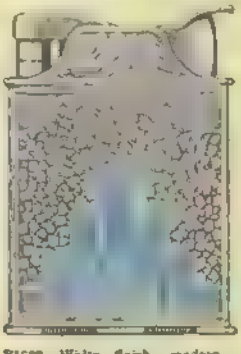
Cross Lever, Roller Bearing Action is a new principle in lighter building—exclusively Evans. It means smoother action, wider clearance between snuffer and wick, an almost complete revolution of the sparking wheel that spurts a veritable shower of sparks to insure ignition—not at one, but at several points in the revolution of the wheel, from just one pressure of the thumb. The removable wick holder is a unique convenience and all steel parts are specially hardened to assure long wear.

ITS STYLE NEVER FAILS TO REGISTER—
ITS WICK NEVER FAILS TO LIGHT!

E1626—White finish, genuine leather cover, lizard grain. $6.00 ea.

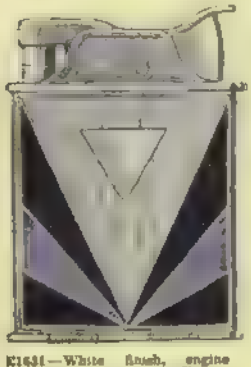
E1627—White finish in contrasting French enamel front, neutral initial monogram design. $7.50 ea.

E1628—White finish, engine turned design in modernistic pattern with hand painted French enamel decoration. $6.00 ea.

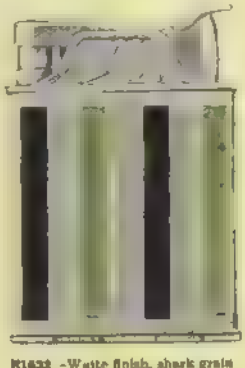


E1629 White finish, modernistic design of French enamel, shark grain background $7.50 ea.

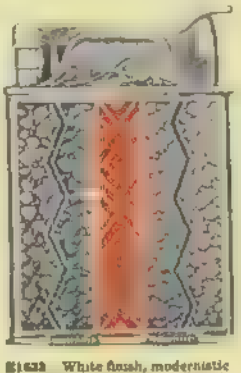
E1630—White finish, modernistic design, French enamel front in contrasting colors. $7.50 ea.



E1631—White finish, engine turned design with French enamel in contrasting color effects $7.50 ea.



E1632—White finish, shark grain effect with French enamel stripes in contrasting colors. $7.50 ea.



E1633 White finish, modernistic design, contrasting French enamel colors in shark grain effect background $7.50 ea.

E1634—White finish, in all over French enamel effect in contrasting colors . . . . . $7.50 ea.

E1635 White finish, genuine tortoise egg shell enamel front with contrasting genuine hand engraved decoration. $12.00 ea.

E1636—White finish, French enamel front in contrasting colors with egg shell design. $9.00 ea.

E1637 Green gold finish, genuine ostrich cover with shield. $9.00 ea.

E1638 White finish, genuine hand painted Dresden enamel front . . . . $12.00 ea.

Illustrations actual size.

The LINE with the STERLING TOUCH

EVANS

E1648 ...ecoration paper weight and automatic Roller Bearing desk lighter in contrasting colors of French enamel, polished green finish $7.50 ea.

E1649 The Aladin Lamp of Learning combination paper weight and automatic Roller Bearing desk lighter, antique green finish. $15.00 ea.

E1650—Combination paper weight and automatic Roller Bearing desk lighter, genuine ostrich covered, polished green finish $8.25 ea.

E1651—Automatic Roller Bearing desk or table lighter, genuine leather covered in Bombay reptile grain, polished green finish. $10.50 ea.

E1652 Desk or table combination with removable automatic Roller Bearing lighter unit and ash receptacle in French enamel, polished green finish $10.50 ea.

E1653 Automatic Roller Bearing desk or table lighter in contrasting colors of French enamel, polished green finish ... $9.00 ea.

E1654—Automatic Roller Bearing desk or table lighter, contrasting colors of French enamel, polished green finish $9.00 ea.

E1655—Desk or table combination with removable automatic Roller Bearing lighter unit and ash receptacle in contrasting colors of French enamel, polished green finish $10.50 ea.

E1656 Automatic novelty desk or table lighter in contrasting colors of French enamel, removable top serving as ash tray $9.00 ea.

Illustrations two-third size.

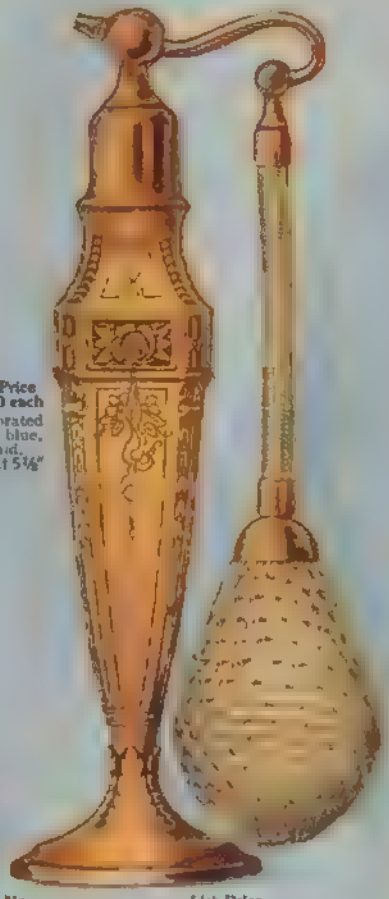
The LINE with the STERLING TOUCH

QUAKER ATOMIZERS

PATENTS PENDING

No. 753/6/4 — List Price $9.00 each

"Gothic" Small decorated panels in shaded rose, blue, maize, green or orchid. 24K gold plated. Height 5⅛"



No. 760 — List Price $9.00 each

Rose" design with etched border. 24K gold plated. Height 6¾"

No. 757 — List Price $6.00 each

Modernistic design with floral etching. 24K gold plated. Height 4¾"

No. 726/5/2 — List Price $7.50 each

[illegible] Rose [illegible] crystal with floral [illegible] 24-K gold [illegible] Height 5"

No. 726/4/4 — List Price $7.50 each

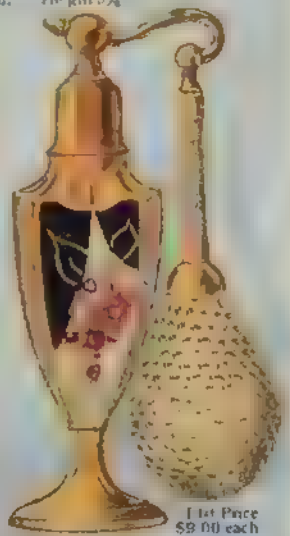
"Charme." Double panels in ivory lower panel in rose, blue, green [illegible] orchid. 24K gold plated. Height 5¾"

No. 739/2 [illegible] — List Price $9.00 each

Black stripe with floral motif. Rose, blue, green, maize or orchid sides, 24K gold plated. Height 5¾".

No. 750 — List Price 7.50 each

Modernistic with etched panels. 24K gold plated. Height 5⅝".



No. 739/1/2 — List Price $9.00 each

Curtain effect with floral spray. Rose, blue, green, maize or orchid sides. 24K gold plated. Height 5⅛".

QUAKER SETS

SHAKER DE LUXE

PATENTS PENDING

No. 524 — List Price $4.20 per pair

"Windsor" Pattern—Graceful in contour. A shaker of artistic merit. Height 4¼"

No. 542 — List Price $6.00 per pair

Hyacinth" Pattern — Featured here because of its superlative beauty. Height 5½".

No. 560 — List Price $6.75 per pair

Classique" Pattern — A shaker of stately and enduring beauty. Height 6⅛".

No. 556 — List Price $4.90 per pair

Arcadia" Pattern — Poetic in fancy [illegible] Height 4¾"

No. 557 — List Price 4.50 per pair

"Concord" Pattern — [illegible] form — modern in treatment. Height 4½".

No. 507 — List Price $5.40 per pair

Arcadia" Pattern — Inspired by Longfellow's poem, its grace and [illegible] Height 6¾".

No. 503 — List Price $4.50 per pair

[illegible] Pattern — Colonial in contour with conventional in low relief. Height 5".

No. 554 — List Price $6.00 per pair

Lafayette" Pattern — Early Colonial reproduction, Delicately etched design. Height 5⅜"

No. 559 — List Price $6.75 per pair

"[illegible]" Pattern — An unusually [illegible] of the modernistic [illegible]

FRENCH STEEL BEADED BAGS

Latest Importations

THESE beautiful French Beaded Bags are all hand made of finest quality cut steel and metallic beads. All designs and colorings are the newest creations from Paris, the same design appearing on both sides of bag. Each bag is lined with very fine heavy silk lining and interlined to protect from wear, and is fitted with mirror to match. All bags will be delivered exactly as illustrated.

703—Size 4⅝" x 8¾" Shell Amber Frame Each $14.40

706—Size 5" x 9½" Frame with Ruby Color Stones Each $17.60

715—Size [illegible] Shell Amber Frame Each $27.20

[illegible] Frame Set with Simulated [illegible] Each $25.60

708—Size [illegible] Shell Amber Frame Each $19.20

[illegible] x10" Each $19.20

717—Size 6½" x 11" Metal Floral Trimmed Frame with Serpentine Chain. Each $32.00

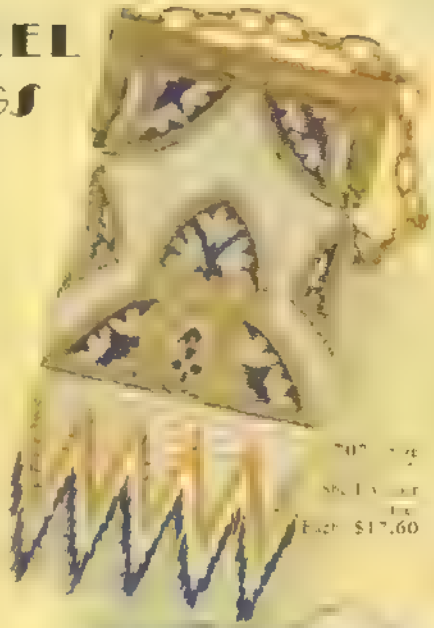
712—Size [illegible] Each $2[illegible].00

FRENCH STEEL BEADED BAGS

Latest Importations

THESE beautiful French Beaded Bags are all hand made of finest quality cut steel and metallic beads. All designs and colorings are the newest creations from Paris, the same design appearing on both sides of bag. Each bag is fine [illegible] very fine heavy [illegible] bags and inter[illegible] protect from wear and [illegible] fitted with mirror to match. All bags [illegible] above are [illegible] illustrated.

704—Size [illegible]
Each $14.40



707—Size [illegible]
Each $17.60

710—Size [illegible]
Each $32.00

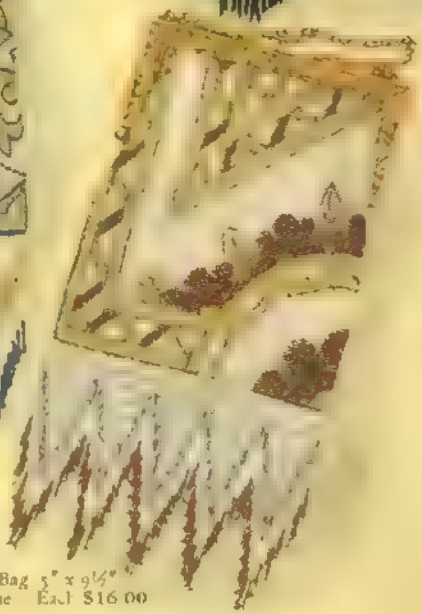
711—Size 4 1/2" x 8"
Steel Arabesque Frame and Handle
Each $19.20

713—Size [illegible]
Serpentine Chain Handle
Each $25.60

710—Size [illegible]
Each $19.20

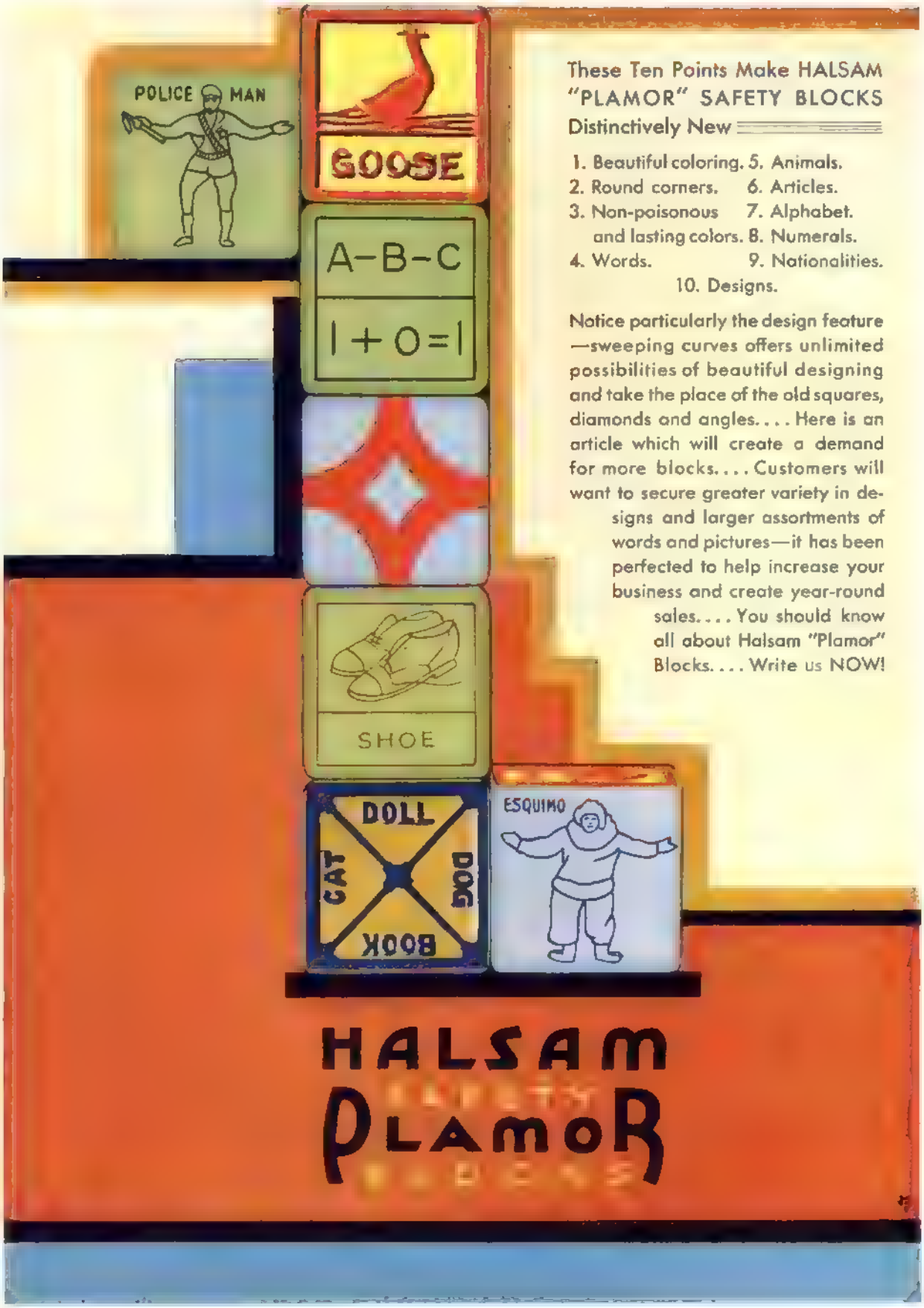
701—Size 4 1/4" x 8"
Each $10.40

702—Size 4 5/8" x 8"
Each $12.80



705—Size of Bag 5" x 9 1/4"
Modernistic Frame Each $16.00

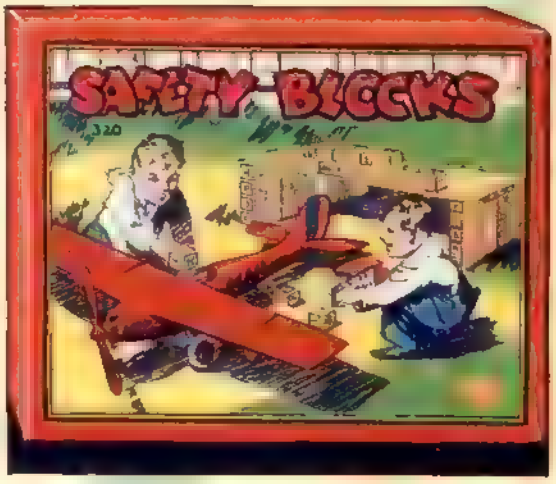
SAFETY-BLOCKS
5030
A-B-C
1+0=1
GOOSE
BOY
TABLE
GIRL
BED



These Ten Points Make HALSAM "PLAMOR" SAFETY BLOCKS Distinctively New

1. Beautiful coloring.
2. Round corners.
3. Non-poisonous and lasting colors.
4. Words.
5. Animals.
6. Articles.
7. Alphabet.
8. Numerals.
9. Nationalities.
10. Designs.

Notice particularly the design feature—sweeping curves offers unlimited possibilities of beautiful designing and take the place of the old squares, diamonds and angles.... Here is an article which will create a demand for more blocks.... Customers will want to secure greater variety in designs and larger assortments of words and pictures—it has been perfected to help increase your business and create year-round sales.... You should know all about Halsam "Plamor" Blocks.... Write us NOW!



HALSAM PRODUCTS

are noted for their attractiveness and beauty . . . they are designed by the best of artists . . . engraved by master craftsmen . . . printed by expert specialists. . . . . Every effort is made to give you the most salable packages for your shelves. . . . Looking at your block sales from every standpoint, you will find Halsam offers you the best value and service on the market.

HALSAM PRODUCTS CO.
4114-24 Ravenswood Ave., Chicago

New York Office: 200 Fifth Avenue
Room 463 Fifth Avenue Building

TO the HALSAM Line of round-cornered Safety Blocks, Checkers and Dominoes has been added a new line of brilliantly colored Building Blocks and Art Cubes.

HALSAM LEADERSHIP has again demonstrated itself in these new features by creating manufacturing equipment which has made possible an individual color on each one of the six sides of these Building Blocks —a feature which provides an almost endless variety of color patterns.

You should be familiar with the new HALSAM "PLAYTIME" ART CUBES and "RAINBOW" BUILDING BLOCKS.

Write us for samples and further information.

HALSAM PRODUCTS CO.

4114-24 Ravenswood Avenue . . . Chicago

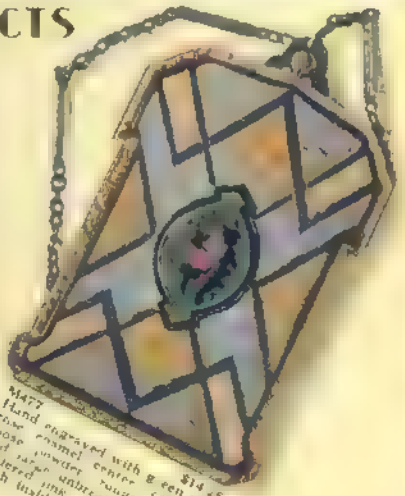
New York Office, 200 Fifth Ave. . . . Room 463 Fifth Avenue Building

MARATHON CO.

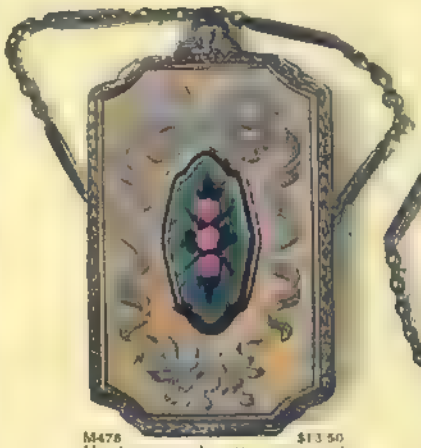
QUALITY COMPACTS

M475 $11.25
Metropolitan enamel design with red enamel back to match contains rose powder rouge lipstick and large unbreakable mirror rose and amber enamel soldered link chain 18K gold finish inside

M476 $1.25
Blue enamel front and back with amber and rose enamel center contains loose powder rouge lipstick and large unbreakable mirror enameled soldered link chain 18K gold finish inside

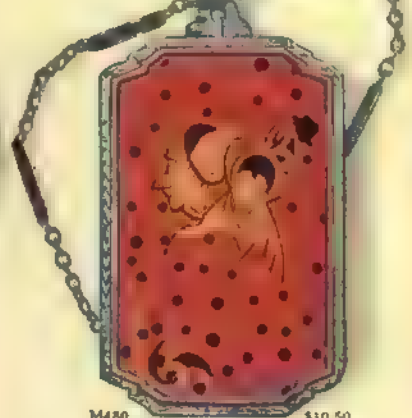


M477 $14.25
Hand engraved with green and rose enamel center contains loose powder rouge lipstick and large unbreakable mirror soldered link chain 18K gold finish inside



M478 $13.50
Hand engraved with green and rose enamel center contains loose powder rouge lipstick and large unbreakable mirror soldered link chain 18K gold finish inside

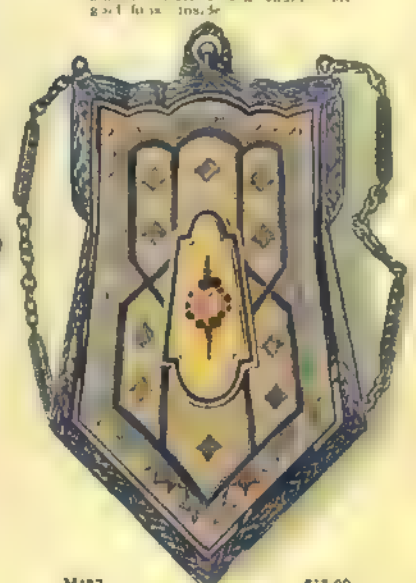
M479 $11.25
Japanese enamel design with red enamel back to match contains loose powder rouge lipstick and large unbreakable mirror enameled soldered link chain 18K gold finish inside



M480 $10.50
Modernistic enamel design with red enamel back to match contains loose powder rouge lipstick and large unbreakable mirror enameled soldered link chain 18K gold finish inside

M481 $11.25
Modernistic enamel design with red enamel back to match contains loose powder rouge lipstick and large unbreakable mirror enameled soldered link chain 18K gold finish inside

M482 $11.25
Modernistic enamel design with green enamel back to match contains loose powder rouge lipstick and large unbreakable mirror enameled soldered link chain 18K gold finish inside



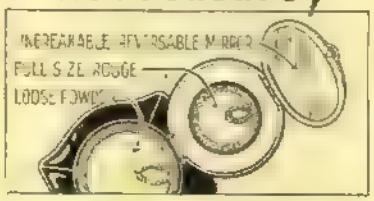
M483 $15.00
Hand engraved with amber and rose enamel center contains loose powder rouge lipstick and large unbreakable mirror soldered link chain 18K gold finish inside

SEE ADDITIONAL MARATHON COMPACTS ON REVERSE SIDE

MARATHON CO.

COMPACTS GUARANTEED

New Feature!



M484 $9.00
Enameled front and back; contains loose powder, rouge and reversible mirror

M485 $12.50
Same as above, with lipstick to match

M486 $13.50
Genuine cloisonne enamel front and back on a swing top, contains loose powder, rouge and reversible, unbreakable mirror

M487 $16.50
Same as above with lipstick to match

M488 $15.00
Genuine cloisonne enamel front and back on a swing top, contains loose powder, rouge and reversible, unbreakable mirror

M489 $20.00
Same as above with lipstick to match

M490 $11.00
Enameled front and back, contains loose powder, rouge and reversible unbreakable mirror

M491 $15.00
Same as above, with lipstick to match.

M492 $22.50
Genuine cloisonne enamel front and back on a swing top, complete with lipstick to match, contains loose powder, rouge and reversible unbreakable mirror

M493 $12.50
Modernistic cameo design front and back, complete with lipstick to match, contains loose powder, rouge and reversible unbreakable mirror

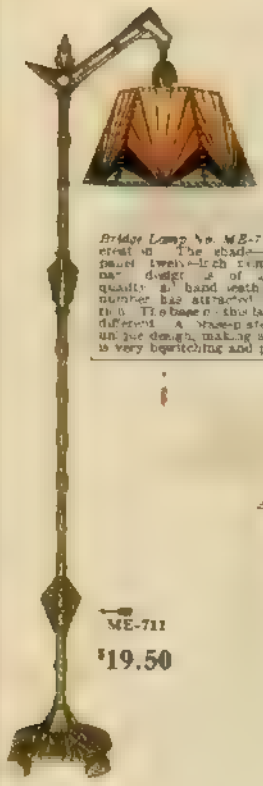
M494 $11.00
Enameled front and back, contains loose powder, rouge and reversible unbreakable mirror.

M495 $15.00
Same as above with lipstick to match

M496 $15.00
Enameled front and back, complete with lipstick to match, contains loose powder, rouge and reversible, unbreakable mirror

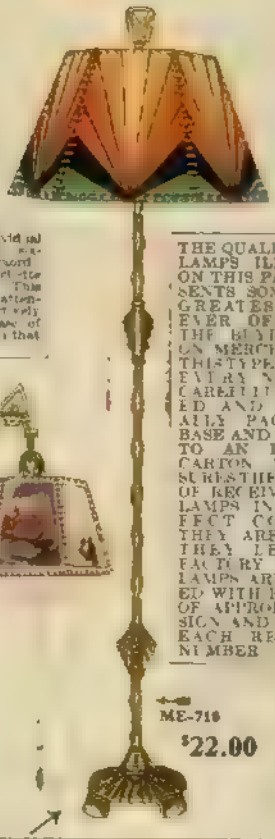
SEE ADDITIONAL MARATHON COMPACTS ON REVERSE SIDE

EACH AN INDIVIDUAL CREATION



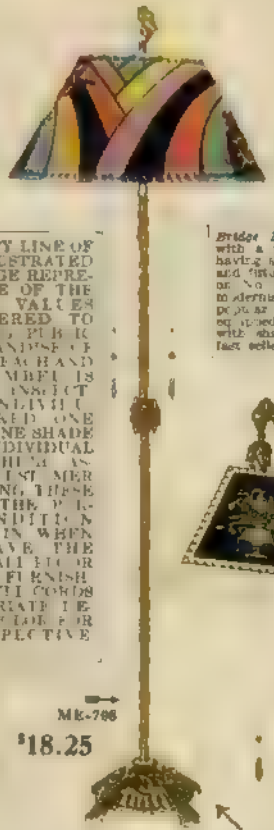
Bridge Lamp No. ME-711 is an individual creation. The shade—a beautiful six-panel twelve-inch reflector—is of extraordinary design and is one of the most attractive quality all hand-painted. This number has attracted widespread attention. The base on this lamp is distinctively different. A brass-plated bridge base of unique design, making a combination that is very bewitching and pleasing.

ME-711
$19.50

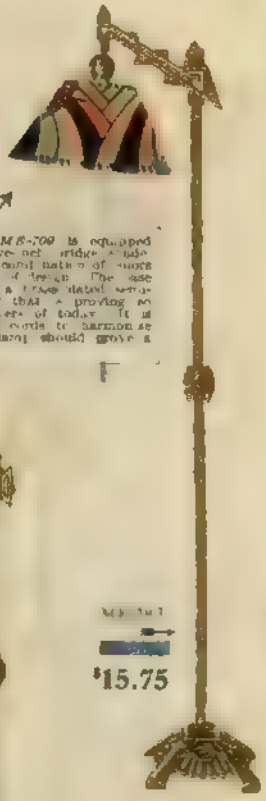


THE QUALITY LINE OF LAMPS ILLUSTRATED ON THIS PAGE REPRESENTS SOME OF THE GREATEST VALUES EVER OFFERED TO THE BUYING PUBLIC ON MERCHANDISE OF THIS TYPE. EACH AND EVERY NUMBER IS CAREFULLY INSPECTED AND INDIVIDUALLY PACKED ONE BASE AND ONE SHADE TO AN INDIVIDUAL CARTON WHICH ASSURES THE CUSTOMER OF RECEIVING THESE LAMPS IN THE PERFECT CONDITION THEY ARE IN WHEN THEY LEAVE THE FACTORY. ALL FLOOR LAMPS ARE FURNISHED WITH PULL CORDS OF APPROPRIATE DESIGN AND COLOR FOR EACH RESPECTIVE NUMBER

ME-710
$22.00



ME-708
$18.25

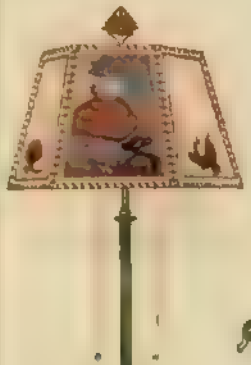


Bridge Lamp No. ME-709 is equipped with a round twelve-inch bridge shade having a wonderful combination of colors and futuristic trend of design. The base on No. ME-709 is a brass-plated setup of distinctive number that is proving so popular to the buyers of today. It is equipped with pull cords to harmonize with shade. This lamp should prove a fast seller.

ME-709
$15.75

Junior Lamp No. ME-710, illustrated above is an individual creation. The shade is a beautiful six-panel number of extraordinary design. This lamp has attracted widespread attention. The base on this lamp is distinctively different. A brass-plated bridge base of unique design, making a combination that is very bewitching and pleasing.

Junior Lamp No. ME-708, illustrated above is equipped with an 18-inch round shade with a wonderful combination of colors and futuristic trend of design. This shade is lined top and bottom and on two sides. The base is of junior type two-light stand of semi-modernistic design and presents a pleasing appearance.



ME-701
$24.00

Bridge Lamp No. ME-701 illustrated above is a beautiful Spanish tinted parchment shade with petit point design, a reproduction of ancient Mexican shade of rich art colorings, edge size and coloring combine that are most artistically attractive. Each and every panel of this shade is authentic hand painted. The very attractive base used with this shade is an imitation steel effect of unique design.

Quality At A Low Price

ME-705
$19.00

Bridge Lamp No. ME-705 illustrated above is equipped with a very smart and attractive design shade that is entirely distinctive. The shade is worthy of the finest artistic perfection. This two-color all panel bridge shade comes fitted with a beautiful semi-modernistic bridge base, equipped with pull cords to match, makes one of the most beautiful combinations of decorative floor lamps ever offered by any manufacturer.

ME-706
$26.50

Junior Lamp No. ME-706 illustrated above is one of the most attractive numbers in our entire line. A beautiful hand-painted parchment shade with a very attractive Spanish design combined with a beautifully designed imitation Swedish steel two-light junior base. This number represents the real value.

EACH OF THESE BEAUTIFUL BRASS-PLATED STANDARDS BEARS ENLIVENING TOUCHES OF CONTRASTING FINISH, AND ALL JUNIOR LAMPS HAVE TWO-LIGHT FIXTURES. PROTRACTED SEARCH HAS BEEN REWARDED BY THE DISCOVERY OF THESE STANDARDS THAT BLEND SO WELL WITH THE BEAUTIFUL PARCHMENT SHADES. THE ARISTOCRATIC LACE SHADES ILLUSTRATED ON THIS PAGE ARE MEETING WITH THE ABSOLUTE APPROVAL OF BUYERS IN THE LARGER METROPOLITAN CENTERS. EVERY DESIGN IS AN ARTISTIC MASTERPIECE . . NO TWO ALIKE . . . A WONDERFUL ASSORTMENT OF SHADES THAT PROVED TO BE A HUGE SUCCESS AT THE LATEST SHOWING IN THE LAMP MARKET DISPLAYS. THE PREVAILING COLORS ARE RICH BROWN AND TANS DECORATED WITH BEAUTIFUL COLOR COMBINATIONS

ME-704
$21.00

Junior Lamp No. ME-704, above is one of the most attractive of its type. The design is strikingly different. The shade is a 14-inch four-panel number. The base is a beautiful semi-modernistic two-light junior. Equipped with pull cords to harmonize with the color scheme.

"PARCHTEX"
LAMPS OF ENDURING BEAUTY

SPECIALS THAT SELL

We ask that you kindly remember that each and every shade listed on this page is of regular parchtex quality and is in no manner inferior to our regular quality line of parchment shades. The very attractive prices we have placed on this merchandise makes it possible for you to have a fast-moving special that is certain to get a rapid turn-over

NO TWO ALIKE—
PRICED TO SELL

We illustrate below a group of six most attractive occasional table lamps ever manufactured and there has been a decided trend the past season for table lamps of medium size. This very attractive group of six quality lamps is equipped with brass plated bases approximately 15-inches high and are distinctively new designs. The shades on these lamps are approximately 12-inches in diameter and 8-inches high. The entire height with shade attached being 23½ inches.

TABLE LAMPS

ME-707
$24.00

Bridge Lamp No. ME-707 is a striking number, exemplifying the semi-modern art motif. Its pan is the new reed finish for the shade base and ornamental panels along the lines are brilliant but tried well. The base on these pieces has been dull nickel, giving a number of the combination steel with brass high lighting and a touch of polychrome color

ME-603
$7.50

ME-604
$7.50

ME-602 $7.50

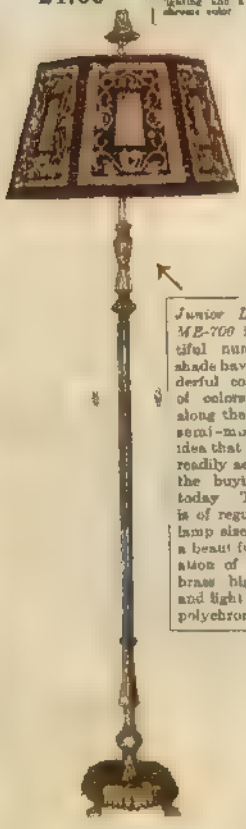
ME-600
$7.50

ME-601
$7.50

ME-605
$7.50

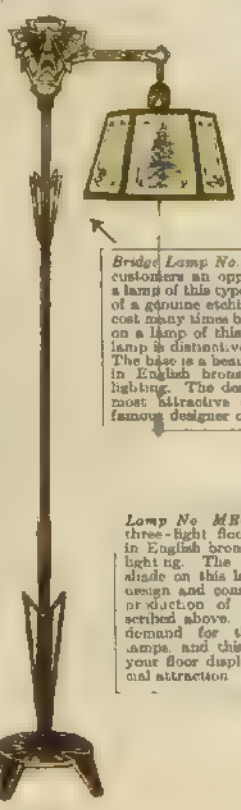
ME-703
$19.00

Bridge Lamp No. ME-703 is a dainty bridge lamp exquisitely designed. The brass plated base is of the new pedestal type so pleasing to the eye. The oblong curved and four-panel leather side board shade is an individual creation of beautiful design.



ME-706
$26.50

Junior Lamp No. ME-706 is a beautiful number, the shade having a wonderful combination of colors designed along the lines of a semi-modernistic idea that is being so readily accepted by the buying public today. The shade is of regular junior lamp size, the base a beautiful combination of steel with brass high lighting and light touches of polychrome



ME-751
$22.50

Bridge Lamp No. ME-751 offers to our customers an opportunity to purchase a lamp of this type using a reproduction of a genuine etching on parchment at a cost many times below than ever offered on a lamp of this quality before. This lamp is distinctively new and different. The base is a beautiful creation finished in English bronze with bronze highlighting. The design being one of the most attractive ever produced by a famous designer of lamp bases.

Lamp No. ME-750, an intriguing three-light floor torchere finished in English bronze with brass highlighting. The sixteen-inch junior shade on this lamp is of the same design and construction as the reproduction of etching shade described above. There is a decided demand for three-light torchere lamps, and this number added to your floor display will be an especial attraction

ME-750
$28.50

ME-702
$21.00

Junior Lamp No. ME-702 is another creation . . . rather unusual 15-inch oblong junior shade with curved ends unique in shape as well as design incorporating color combinations that are very attractive . . . a lamp that is entirely different. Combined with a two-light junior base of the pedestal type, this should meet with the entire approval of the most discriminating customer

QUAKER SHAKER DRESDEN SETS

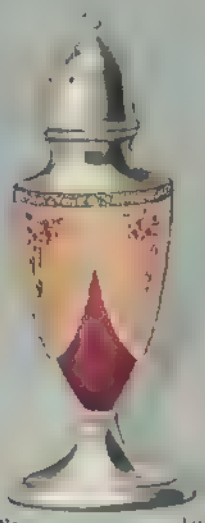
PATENTS PENDING

No. 526/16/11 — List Price $6.00 per pair

Pattern—Inlaid Black & Jade enamel, unbreakable. Height 4½"

"Harvard" Pattern. Floral basket motif in gold with inlaid enamel, side panels of delicate blue. Height 5½" (Illustration actual size)

No. 539/10/5 — List Price $7.50 per pair



No. 526/4/1 — List Price $6.00 per pair

"Charme" Pattern—Dainty design in inlaid enamels. Height 4½"

No. 552/17 — List Price $7.50 per pair

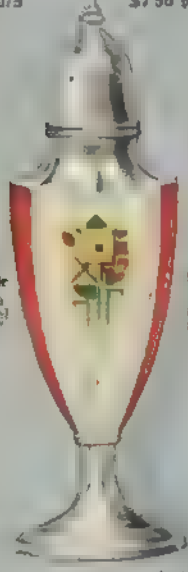
"Asphodel" Pattern. An interpretation of modern art in a unique enamel effect. Height 5¼"

No. 553/6/2 — List Price $7.50 per pair

Gothic" Pattern — An exquisite touch of delicately shaded inlaid enamels. Height 5"

No. 539/12/4 — List Price $7.50 per pair

"Rosine" Pattern—Silver & Inlaid enamel pleasingly combined, exquisitely executed. Height 5⅛"



No. 539/11 — List Price $7.50 per pair

"Moderne" Pattern—A Modern example of color harmony—a shaker of beauty. Height 5½"

No. 539/15 — List Price $7.50 per pair

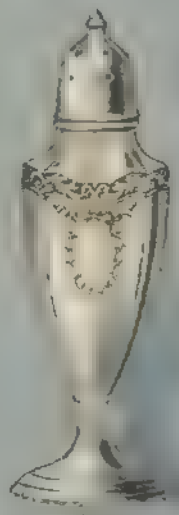
"Blue Willow" Pattern — A design that will appeal to the most discriminating. Height 5½"

QUAKER SETS

SHAKER

REGISTERED

PATENTS PENDING



No. 146 — List Price $3.75 per pair

Oval shape delicately chased border and wreath motif. Height 5¼".

No. 151 2 — List Price $3.75 Cased

No. 161 — List Price $3.00 per pair

Diamond shape with modern motif. Height 5".

No. 142 — List Price $2.00 per pair

Exceedingly graceful, beautifully executed. Height 4½".

Caster Set Shakers will not fall off in passing. Sight side motion releases. (Patented)

No. 201/151 — List Price $5.25 Set

No. 170 — List Price $2.25 per pair

A new design of unusual appeal. Height 4½"

No. 1471 — List Price $3.40 per pair

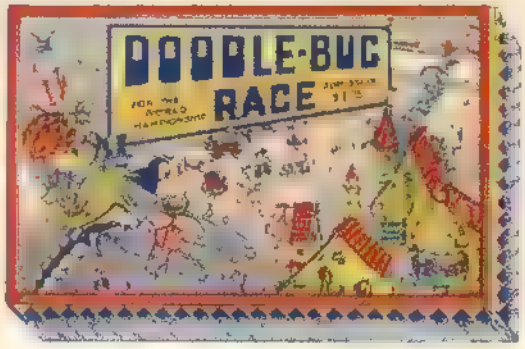
Tall slender lines of exceeding grace. Hand chased effect. Height 5½".

No. 174 — List Price $2.70 per pair

A charming colonial style—Hand chased border with fluted body. Height 4½"

No. 169 — List Price $7.00 per pair

Impressive pleasing lines and unique workmanship. Height 8¾"



The Doodle-Bug Race

Funny, Exciting and an Entirely New Idea

No. 53—Six comical Doodle-Bugs start at the barrier on the Doodle-Bugville Race Track and tumble their way 'round the track to the accompaniment of laughter by the players. All Doodle-Bugville turns out to see the fun. Here is action and unlimited amusement for youngsters, while the beautiful colorings of the designs will attract attention anywhere. Size of box 16⅜" x 10".

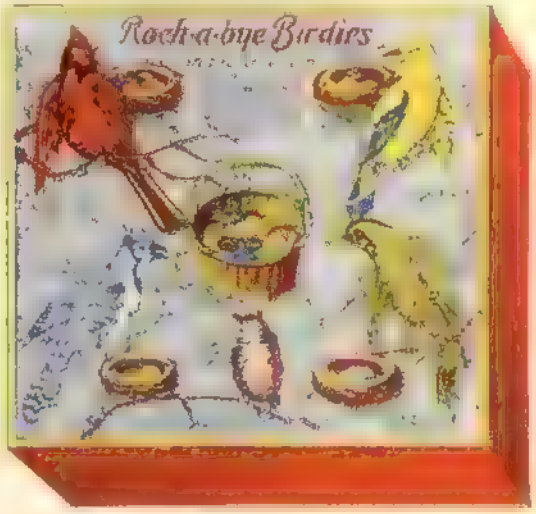
Packed ½ Dozen ..... **Retails $1.00**

Rock-A-Bye Birdies

A Beautiful Game for the Little Tots

No. 54—Especially designed for young children, with attractive color treatments and covering a subject dearly loved by every child. Each child is the proud owner of a bird's nest and endeavors to gather as many eggs as possible for the Basket, action being controlled by a most amusing method of play. Simplicity, beauty and entertainment combined. Size of box 14" x 13".

Packed ½ Dozen ..... **Retails $1.00**



Bo-Peep

A New Game Idea on an Ever Popular Subject

No. 55—The children's own story of Bo-Peep and her lost sheep made into a very novel and beautiful game. There are 32 lost sheep which the players must find and return to the fold. Play is conducted by an entirely new and entrancing method. Size of box 16⅜" x 9½".

Packed ½ Dozen ..... **Retails $1.00**

Wood Anagrams

A Word Building Game with Letters in Colors

No. 49—Reproduced in brilliant colors on fine quality smooth bass wood, which assures great durability and clearness. Complete in attractive four-color lithographed label box 8¼" x 5".

Packed ½ Dozen..... **Retails 50c**

No. 59—Same as above except that box is considerably larger and contains double the number of lettered blocks. Size of box 11¾" x 8¾".

Packed ½ Dozen **Retails $1.00**

Paper Anagrams

No. 48—Contains 240 pieces fine quality Anagrams reproduced on heavy cardboard, in attractive four-color box 8¼" x 6½".

Packed 1 Dozen **Retails 25c**

Tidley Winks

Exceptional Values in Popular Price Range

Twenty-Five Cent Edition

No. 7—A delightful game that is being played more and more each succeeding year. In our Tidley Wink Game, 4 felt mats of excellent quality are furnished, as we have found that this game cannot be played satisfactorily on hard surfaces. Also, the best quality of imported French bone chips, with especialty large snappers, are used. The snappers are 1¼" in diameter. Complete with glass cup in attractive compartment box, size: 5⅞" x 5".

Packed 1 Dozen **Retails 25c**

Fifty Cent Edition **With Felt Mats and Ten-Pins**

No. 60—We invite comparison of this edition with similar priced makes on the market, for in this set, in addition to the French bone winks, we furnish a complete set of 4 Felt mats, glass receptacle and ten beautiful rattle-waxed colored ten-pins. In attractive four-colored lithographed box of novel design. Also, full directions of various ways to play this game. Size of box 8½" x 5½".

Packed ½ Dozen **Retails 50c**

Winky-Dinky

A Combination Tidley Wink Game

No. 9—Two complete games can be played in Winky Dinky, thereby filling the present demand for combination games. In addition to the necessary equipment for Tidley Winks, consisting of 16 small French bone chips, the 4 large snapper chips and the glass cup, there are 20 polished steel disks, an ingenious shooter contraption and 1 slotted fence for playing two different forms of Win-disk. Box 13¾" x 5" with attractive inside and cover labels.

Packed ½ Dozen **Retails 50c**

STANLEY "BAILEY" PLANES

This old friend needs no introduction

Since 1869 the Stanley Bailey Plane has built friendship among the woodworking crafts.

Today it is the favorite of most carpenters all over the world.

This we feel is a tribute to our craftsmanship from a group of craftsmen who know what they want.

STANLEY TOOLS

Printed in U. S. A.

S537

BLACK BEAUTY

RED HAWK

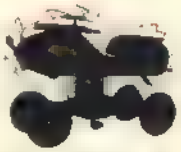
RED BIRD

RED EAGLE

To Win---

Stock Corcoran "Green Arrow" Toys!

Progressive merchants all over the country have recognized the profit possibilities in this new Corcoran line. If instant acceptance is any indication of real merit, then "Green Arrow" Toys are the ones to take on to win



The enthusiastic response to every showing is a sure sign of buyers' approval and the orders received prove that Corcoran Toys are going over. The nearly exact duplication of the real thing in these new vehicles is the foremost reason for their increasing popularity

The unique mechanical action affords new thrills that appeal to either boy or girl. All steel construction assures a sturdiness and substantiability that crude wooden affairs never attained—yet Corcoran Toys are not excessively heavy. Here is an all around profit making line ready to create increased business for you. If you want to win out in today's close competition, stock the Corcoran "Green Arrow" Line. Complete information is set forth in the catalog—write for your copy today. Dept. T-6.

At the Summer Toy Fair—June 9-14—Room 448, Hotel McAlpin

Corcoran Juvenile Vehicles are made only in Cincinnati

At the Summer Toy Fair—June 9-14—Room 448, Hotel McAlpin

JUVENILE VEHICLE DIVISION

THE CORCORAN MANUFACTURING COMPANY

CINCINNATI, OHIO

UNIVERSAL Vacuum Pitchers and Service Sets

Liquids are kept ice-cold or piping hot for hours at a time in UNIVERSAL Vacuum Pitchers The efficient vacuum glass filler is protected against jars by a patented shock absorber. Tray and goblets match pitchers perfectly

All "Universal" Pitchers Have Ground Glass Stoppers

Exquisitely designed and finished in polished nickel and a distinctive variety of colored enamels, UNIVERSAL Vacuum Pitcher Sets render, in a manner both charming and convenient, fashionable hot or cold drink service in homes, offices, clubs, and the like

"UNIVERSAL" VACUUM WATER SERVICE SETS

Solid Nickel Silver Butler Finish

Ornamental Handles and Borders

No. 18561	Pint Set	[illegible]	Price $34 90
No. 18562	Quart Set	Two Goblets and Tray	Price 49 20

Plain Pattern, Butler Finish

No. 18721	Pint Set	One Goblet and 10-inch Tray	Per Set 32.90
No. 18722	Quart Set	Two Goblets and Tray	Per Set 45 70

"UNIVERSAL" VACUUM PITCHERS AND SERVICE SETS WITH NEW OBLONG TRAYS

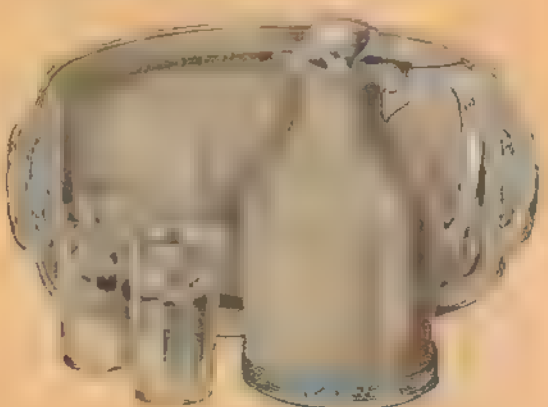
Colored Enameled on Brass Polished Nickel Plated Handles and Borders. Capacity of Pitchers 1 quart Tray is 16x9½". All sets consist of a tray, pitcher and 2 etched drinking glasses

Sets Complete			Pitchers Only	
Quart Size		Per Set	Quart Size	Each
No. [illegible]422	Turquoise Blue	$21 00	No. 7422	$16 10
No. [illegible]322	Rose Pink	21 00	No. 7322	16 10
No. 78322	Apple Blossom Pink	21 00	No. 8322	16 10
No. 78122	Azure Blue	21 00	No. 8422	16 10
No. 78522	Lavender	21 00	No. 8522	16 10
No. 78922	Gray	21 00	No. 8922	16.10

"UNIVERSAL" VACUUM PITCHERS AND SERVICE SETS WITH NEW OBLONG TRAYS

Colored Enameled on Brass Polished Nickel Plated Handles and Borders Capacity of Pitchers 1 quart Tray is 16x9½". All sets consist of a tray, pitcher and 2 etched drinking glasses.

Sets Complete			Pitchers Only	
Quart Size		Per Set	Quart Size	Each
No. 70722	Nickel Plated	$21 00	No. 722	$14 70
No. 18122	Bronze	23 40	No. 8122	17 10
No. 75022	Verde Ant. Green	21 00	No. 7022	16 10
No. 77122	Old Ivory	23 40	No. 7122	17 10
No. 77622	Canary Yellow	21 00	No. 7622	16 10
No. 77722	Mahogany	23 40	No. 7722	17 10
No. 78222	Apple Green	[illegible]	No. 8222	16 10
No. 78622	Walnut	23 40	No. 8622	17 10



"UNIVERSAL" VACUUM PITCHERS AND SERVICE SETS WITH NEW OBLONG TRAYS

Colored Enameled on Brass. Polished Nickel Plated Handles and Borders Decorated Handles and Borders of Pitchers and Ends of Trays Inlaid with [illegible] Capacity of Pitchers, 1 quart Tray is 16 x 9½". All sets consist of a tray, pitcher and 2 etched drinking glasses

Sets Complete			Pitchers Only	
Quart Size		Per Set	Quart Size	Each
No. [illegible]462	Turquoise Blue	$[illegible]	No. 5462	$19 60
No. 75362	Rose Pink	27 30	No. 5362	19 60
No. 75162	Old Ivory	29 40	No. 5162	21 00
No. 76362	Apple Blossom Pink	27 30	No. 6362	19 60
No. 76262	[illegible]	[illegible]	No. 6262	[illegible]
No. 76562	[illegible]	[illegible]	No. 6562	[illegible]
No. 75062	Verde Ant.	27 30	No. 5062	19 60
No. 75762	Mahogany	29.50	No. 5762	21.00

Vacuum Pitchers and Bedside Service Sets

All "Universal" Pitchers Have Ground Glass Stoppers

Colored Enameled on Brass. Polished Nickel Plated Handles and Borders. Capacity of Pitchers 1 pint. Tray is 12x7½". All sets consist of a tray, pitcher and one etched drinking glass.

UNIVERSAL

"UNIVERSAL" VACUUM SERVICE SETS

Sets Complete Pint Size		Per Set	Pitchers Only Pint Size	Each
70721	Nickel Plated	$ 7 [illegible]	721	$1 [illegible]
18 21	Brass	18 90	8121	14 40
77021	Verd Ant Green	16 80	7021	13 30
77 21	Mahogany	18 90	7721	14 40
77621	Canary Yellow	16 80	7621	13 30
77721	Mahogany	18 90	7721	14 40
78221	Apple Green	16 80	8221	13 30
78621	Walnut	18 90	8621	14 40

"UNIVERSAL" VACUUM SERVICE SETS

Sets Complete Pint Size		Per Set	Pitchers Only Pint Size	Each
77421	Turquoise Blue	$16 8	7421	1 0
77321	Rose Pink	16 8	7321	1 30
78321	Apple Blossom Pink	16 80	8321	13 30
78421	Azure Blue	16 80	8421	13 30
78521	Lavender	16 80	8521	13 30
78921	Gray	16.80	8921	13 30

"UNIVERSAL" VACUUM SERVICE SETS

Decorated Handle and Border, of Pitcher and ends of Tray, Inlaid with Harmonizing Colors

Sets Complete Pint Size		Per Set	Pitchers Only Pint Size	Each
75461	Turquoise Blue	$22 [illegible]	5461	$16 80
75361	Rose Pink	22 [illegible]	5361	16 80
75761	Old [illegible]	23 40	5161	17 50
76361	Apple Blos Pink	22 80	6361	16 80
76261	Apple Green	22 00	6261	17 50
76561	Lavender	22 00	6561	16 80
75061	Verd Ant Green	22.00	5061	16 80
75761	Mahogany	23 70	5761	17 50

STANLEY UNBREAKABLE VACUUM PITCHERS AND CARAFES

in handsome, colorful sets for dining room, living room, guest room and office

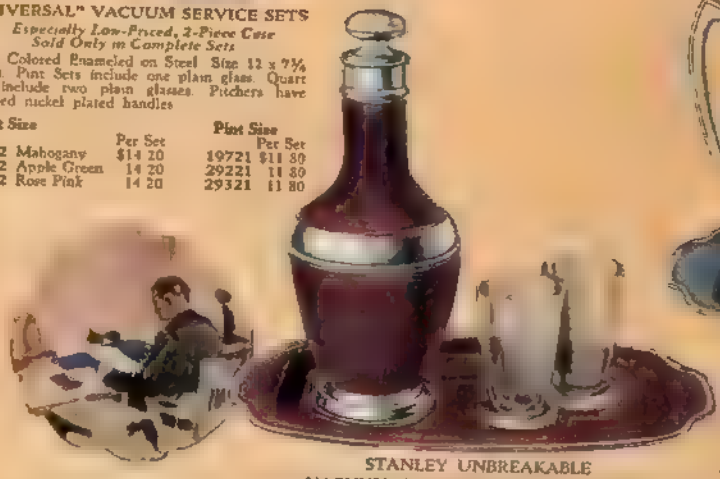
Unbreakable STANLEY Pitchers and Carafes have long been the standard for dining room and guest room service in fine clubs and hotels. Ideal for the home—particularly where the electric refrigerator offers ice cubes for cool drinks! Increasingly popular for fine offices.

"UNIVERSAL" VACUUM SERVICE SETS

Especially Low-Priced, 2-Piece Case
Sold Only in Complete Sets

Trays Colored Enameled on Steel. Size 12 x 7⅛ inches. Pint Sets include one plain glass. Quart Sets include two plain glasses. Pitchers have polished nickel plated handles

Quart Size		Per Set	Pint Size	Per Set
19722	Mahogany	$14 20	19721	$11 80
29232	Apple Green	14 20	29221	11 80
29322	Rose Pink	14 20	29321	11 80



STANLEY UNBREAKABLE
VACUUM CARAFE SET—QUART SIZE

Including Oblong Tray and Two Glasses		Sets Complete	Carafe Only	Each
221	Black	$28.30	21	$21.00
222	Regular Verde Green	28 30	22	21 90
223	Nickel	30 10	23	23 80
224	Mahogany	32 20	24	23 80
225	Walnut	32.20	25	23 80

STANLEY UNBREAKABLE
VACUUM PITCHER SET—QUART SIZE

Including Oblong Tray and Two Glasses		Sets Complete	Pitcher Only	Each
241	Azure Blue	$35 90	41	$26 60
242	Mahogany	37 80	42	29 40
243	New Verde Antique Green	35 90	43	26 60
244	Apple Green	35 90	44	26 60
245	Apple Blossom Pink	35 90	45	26 60
246	Walnut	37 80	46	29 40
247	Black	35.90	47	26 60

PRICES SUBJECT TO REVISION WITHOUT NOTICE

GUARANTEED VOLUPTÉ ATOMIZER

To prevent perfume deterioration or corossion VOLUPTE metal atomizers have concealed glass containers so that the perfume does not come in contact with the metal.

Silver Finish
J-45 $6.00

Gold Finish
J-46 $6.00

Silver Finish
J-47 $6.00

Gold Finish
J-48 $6.00

Silver Finish
J-49 $6.00

Gold Finish
J-50 $6.00

Gold Finish
J-51 $7.50

Silver Finish
J-52 $7.50

Modernistic VOLUPTÉ crystal atomizer metal stand, Gold or Silver Finish.
J-69 $6.00

THE TWO UPPER ROWS ARE ALL METAL ATOMIZERS. THE THIRD BOTTOM ROW, AND ALL ATOMIZERS ON THE OTHER SIDE OF THIS SHEET ARE MADE OF GLASS HAND DECORATED WITH 22 KARAT GOLD

Silver Finish
J-53 $7.50

Gold Finish
J-54 $7.50

J-55 $9.00

J-56 $7.00

J-57 $6.00

J-58 $6.00

J-59 $4.00

J-60 $4.00

VOLUPTE is the highest grade atomizer obtainable, made by mechanical experts. 22 karat gold is used exclusively for plating and decorating VOLUPTE atomizers.

Americas best made Atomizer.

GUARANTEED VOLUPTÉ ATOMIZER

An atomizer, like a watch, is a serviceable piece of mechanism, and should be selected with the greatest care. The VOLUPTÉ atomizer has the best mechanism obtainable, and is guaranteed for life. When selecting a gift, select a VOLUPTÉ atomizer

J-65 $6.00
PERFUME
Transparent colors
Amber
Blue
Green

J-64 $14.00
Ivy Black Atomizer
Gold Encrusted Decorations

J-67 $11.00
3 PIECE SET
Blue
with Gold
Decorations

J-68 $22.50
3 Piece Set
Encrusted Gold
Decorations
Green background

J-62 $7.50
Jetted background
Gold and Black decoration

J-66 $7.50
Perfume
Butterfly design
in cover background
Coral Green or Blue

J-61 $6.00
Black Atomizer
Gold Encrusted Decoration

WE USE 22 KARAT GOLD EXCLUSIVELY
FOR ENCRUSTING DECORATING AND PLATING VOLUPTÉ ATOMIZERS

VOLUPTÉ ATOMIZERS ARE FULLY GUARANTEED
TO THE SATISFACTION OF
DEALER AND USER,
AND WILL BE REPAIRED OR REPLACED
FREE OF CHARGE

J-63 $11.00
Gold Encrusted Decoration
Elaborate Silk Lined Gift Box
with heavy silk cord

Americas best made Atomizer.

Exquisite New Creations In Solid Gold Genuine Cameo Brooches In Gift Boxes

Fashion Refuses to Relinquish the Decree of Wearing Cameo Brooches on Certain Occasions

This excellent showing portrays unusually skillful and charming designs. The cameos are most exquisitely modeled and bound to gain the admiration of your friends. Quality considered our prices are exceptionally low.

Genuine Cameo Hand Carved Fine Diamond Set 14K Solid Yellow Gold Beautiful octagonal design open work mounting Heavy weight Safety catch Pendant top ring In Gift Box
No. 2089B Each $34 50

Genuine Cameo Hand Carved Fine Diamond Set 14K Solid White Gold Most exquisite open work style Heavy weight Safety catch Pendant top ring In Gift Box
No. 2090B Each $32 50

Genuine Cameo Hand Carved Fine Diamond Set 14K Solid White Gold Basket oval richly pierced open work design mounting Heavy vertical Safety catch Pendant top ring In Gift Box
No. 2091B Each $30 50

Genuine Cameo Hand Carved richly modeled cameo with reed and border 14K Solid Green Gold Open design Green enameled border Black enameled outline Very effective Heavy weight Safety catch In Gift Box
No. 2092B Each $24.50

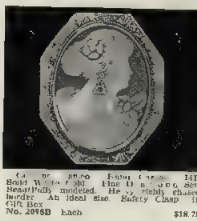
Exquisite Cameo Hand Carved 14K Yellow Gold Engraved Basket Artistically hand engraved, safety catch, pendant top ring In Gift Box
No. 2093B Each $26.50

Genuine Cameo Hand Carved Fine Diamond Set 14K Solid White Gold Safety catch Beautifully modeled cameo In Gift Box
No. 2094B Each $18 75

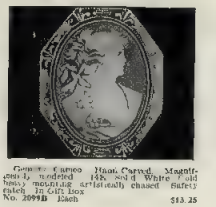
Genuine Cameo Hand Carved 14K Solid White Gold Fine Diamond Set Beautiful work mounting Magnificently modeled cameo Safety catch In Gift Box Unequaled as this low price
No. 2095B Each $10.00

Exquisite Cameo Hand Carved 14K Solid White Gold Solid Yellow Gold Engraved Basket Artistically hand engraved, safety catch, pendant top ring In Gift Box
No. 2096B Each $21 50

Exquisite Solid White Cameo Set Yellow Gold English Basket Artistically hand engraved safety catch, pendant top ring In Gift Box
No. 2097B Each $20.25



Genuine Cameo Fashion Cameo 14K Solid White Gold Fine Diamond Set Beautifully modeled Heavy richly chased border An ideal size Safety Clasp In Gift Box
No. 2098B Each $18.75

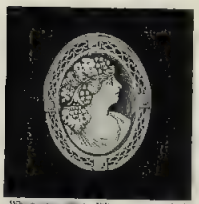


Genuine Cameo Hand Carved Magnificently modeled 14K Solid White Gold Heavy mounting artistically chased Safety catch In Gift Box
No. 2099B Each $13.25

Genuine Cameo Hand Carved Modern subject combination 14K Solid White and Green Gold Lovely open work mounting Safety catch In Gift Box
No. 2100B Each $18.25

Charming Designs In Attractive White Gold Plate and Sterling Silver Cameo Brooches

Cameos clearly defined. Very artistic mountings. Unsurpassed workmanship and finish



White Gold Plate Filigree open work design mounting set with 4 Emeralds Genuine Cameo Safety clasp In Gift Box.
No. 2101B Each $8.25

White Gold Plate Genuine Cameo set with 14 Diamonds Exquisite filigree open work design mounting set with four brilliants Safety clasp In Gift Box
No. 2102B Each $9.00

Sterling Silver Cameo Brooch Most remarkable value Lacy pierced design mounting Genuine cameo Safety clasp Pendant top ring Very attractive Priced very low In Gift Box
No. 2103B Each $7.50

Sterling Silver Cameo Brooch Most fashionable Lacy filigree open work design mounting enhances with solid or Rolled Gold settings Genuine Cameo Safety clasp Finest workmanship and finish In Gift Box
No. 2104B Each $11.25

NOTICE—INJUNCTION

A Preliminary Injunction Granted by the Appellate Division of the Supreme Court, Against an Imitator of the MARGIE DOLLS—as follows:

(Please note particularly Paragraphs 2 and 3)

At a Term of the Appellate Division of the Supreme Court for the First Department, held in the County of New York, on this 11th day of April, 1930.

Present: Hon. Victor J. Dowling, P.J.
Hon. S. K. MERRELL,
Hon. JOHN V. McAVOY
Hon. JAMES O'MALLEY,
Hon. HENRY L. SHERMAN, J.J.

JOSEPH L. KALLUS, doing business under the firm name and style of CAMEO DOLL CO.,

Plaintiff-Appellant,

against

BIMBLICK TOY MFG. CO., INC., and JOSEPH BIMBLICK, individually and doing business under the trade name of BIMBLICK TOY CO.,

Defendants-Respondents.

6072

The above named appellant, Joseph L. Kallus, having appealed to the Appellate Division of the Supreme Court, First Department from an order of the Supreme Court, New York County, denying plaintiff's motion for a preliminary injunction entered in the office of the County Clerk on the 4th day of March, 1930, and the said appeal having been argued by Mr. Thomas McEnroe, counsel for the plaintiff appellant, and by Mr. Asher Blum, counsel for the defendant respondent, and due deliberation having been had thereon it is hereby unanimously

ORDERED AND ADJUDGED that the order of the Supreme Court, New York County denying plaintiff's motion for a preliminary injunction [illegible] be and the same is hereby reversed with Ten Dollars ($10) costs and disbursements and the motion granted, and it is hereby unanimously

ORDERED AND ADJUDGED that the defendant-respondent Joseph Bimblick, his officers, agents, servants, employees and those acting in concert or in privity with him and each and all of them be enjoined and restrained during the pendency of this action and until the entry of final judgment herein

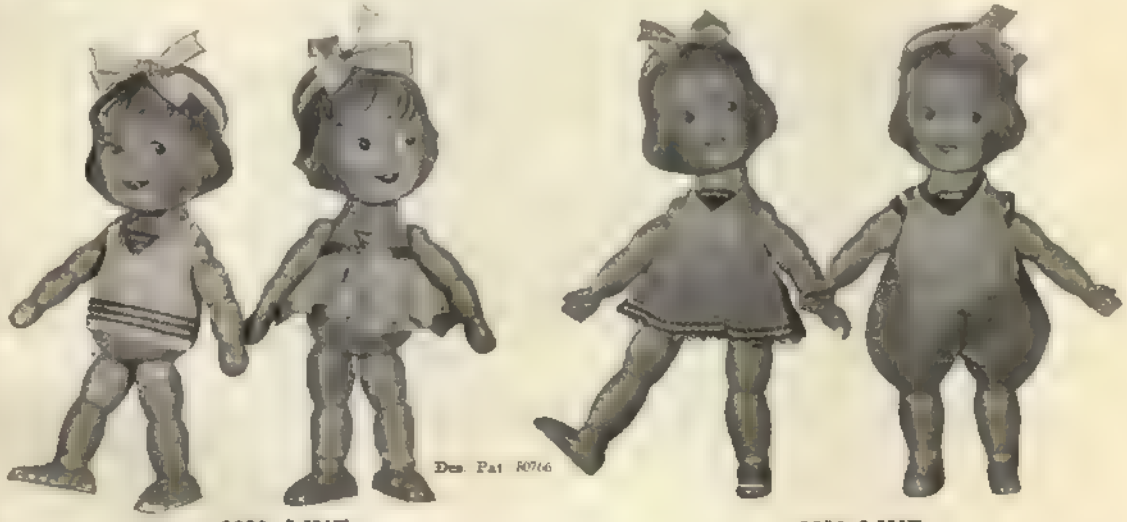
1. From manufacturing or causing to be manufactured, assembling or causing to be assembled, selling, or dealing in, in any form whatsoever, any doll with a grotesquely shaped composition head containing a groove when perfect the insertion of a ribbon, and with a facial expression that of a sinister smiling little girl so similar to the head and facial expression of the plaintiff's genuine MARGIE doll as to be calculated to confuse the trade and the purchasing public into the belief that the said dolls head was the head of the plaintiff's genuine MARGIE doll

2. From manufacturing or causing to be manufactured, assembling or causing to be assembled, selling, or dealing in, in any form whatsoever, any doll with wooden body parts held together by an elastic cord, pear-shaped torso, peculiarly shaped feet, segmented arms and legs of a certain size, shape, color, and appearance, so similar to the wooden parts of the plaintiff's genuine MARGIE doll in size, shape, color and appearance of the torso, peculiarly shaped feet, segmented arms and legs, as to be calculated to confuse and to deceive the trade and the purchasing public into the belief that the said dolls body parts were the body parts of the plaintiff's genuine MARGIE doll.

3. From manufacturing or causing to be manufactured, assembling or causing to be assembled, selling, or dealing in, in any form whatsoever, any doll with complexion so similar to the plaintiff's genuine MARGIE doll in type, design, size, shape, location of design and appearance whether the similarity be derived by a copying of the MARGIE doll's complexion head and facial expression or by a copying of the various wooden parts of the MARGIE dolls body or by [illegible] as to be calculated to confuse and to deceive the trade and the purchasing public into the belief that the said doll is a genuine MARGIE doll

AND IS FURTHER ORDERED that the Sheriff of the County of New York forthwith take into his custody any and all dolls, doll [illegible] molds or dies belonging to the defendant used in the manufacture of defendant's imitation dolls or parts thereof and not essential of use for any other purpose save the manufacture of defendant's imitation dolls whether the said dolls, doll parts, molds or dies, belonging to the defendant, are in the defendant's possession or otherwise, and let the Sheriff hold the said dolls, doll parts, molds or dies and keep them in his custody until the further order of the Court

Enter,
V. J. D.
P. J.



1929 LINE **1930 LINE**

NOTE improvements on the MARGIE DOLLS
NEW 1930 LINE—MARGIE DOLLS. 1. Have Hands. 2. They are Larger.
3. Can Sit and Stand. 4. Retail Price Maintained, $1.00.

CAMEO DOLL CO.

223-25 WOOSTER STREET
NEW YORK

PROVEN SELLERS *and a*

No. 1, $1.00 each. Denver and West, $1.15 ea
No. 2, $3.50 each. Denver and West, $3.75 ea
No. 3, $5.00 each. Denver and West, $5.50 ea

KNAPP MASTER MAGIC

RECORD-BREAKING! First introduced in 1929. Outsold all other magic sets wherever displayed. Going even stronger this year. The most complete line of tricks ever offered, including many stage triumphs of famous magicians, never before exposed. Three popular priced sets, each entirely different.

KNAPP ELECTRIC QUESTIONER

FOR 39 YEARS a "best seller". Last year, the greatest year in its history. This year—selling better than ever! The Knapp Electric Questioner has proved a most profitable and steady sales producer for practically every toy store and toy department in the country.

No. 325. List price, $3.50; without battery, $3.40
Denver and West, $3.75, without battery $3.65

No. 399. List price, $3.50
Denver and West, $3.75

KNAPP TELL-BELL

HERE'S THE improved Tell-Bell—new cards—new box, etc. It's the companion to the Knapp Electric Questioner—introduced last year and already taking its place next to the Questioner in sales. Here again you have the demonstration selling feature; three sliding knobs and tinkling bell when the answer is correct. Instructive, amusing, mysterious. With the new low price of $3.50 this should be a banner year for Tell-Bell sales!

PYRAMIDS

THIS NEW fascinating puzzle is a simplified version of an old Egyptian problem—a brain teaser from the ancients that's fast becoming a craze. Its growing demand assures long and continued popularity.

List price 50¢. *Denver and West* 55¢.

KNAPP TOYS *are Nationally Advertised*

Start your letter right: "I saw your ad in PLAYTHINGS."

SELLING BOARDS

CRESS, SPELLER AND GAME BOARDS

Reversible.

Board contains a spelling set of capital letters and two building lines; red, black and white finish. Designed to teach word-building. The border pictures display animals and children on the run. The reverse side provides a game printed in pleasing colors, a familiar game of Kop and Kiddies and is played same as Cross Town Fox and Geese. Printed directions on each game.

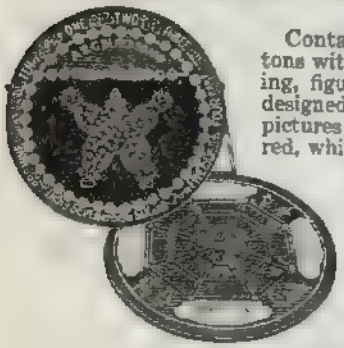
Per Doz

No. 7—Diam 10½ ins..... **$19 50**

One in cardboard box; wt per doz 11½ lbs

CRESS, SPELLER AND GAME BOARD

Reversible.



Contains 44 movable character buttons with letters and figures for spelling, figuring and copy work; border designed with numbers and groups of pictures for recopying and counting; red, white and black finish. Reverse side provides a game of The Spider and The Flies with printed directions as part of the game design. Each game contains eraser, dustless crayon and metal display stand.

Per Doz

No. 19—Diam 12 ins **$25 50**

One in cardboard box; wt per doz 16 lbs.

CRESS, SPELLER AND COUNTER BOARDS

Reversible.

Contains 44 movable letters for word building on front side; 44 movable numbers and arithmetical signs for counting and problems on reverse side, red, black and white finish. Especially designed for small children. Very light in weight and free from sharp edges or corners.

Per Doz

No. 60—Size 11 ins..... **$25 50**

One in cardboard box; wt per doz 15 lbs.

CRESS, Reversible.

Contains 52 movable letters for word building on front side, 52 movable numbers and arithmetical signs for counting and problems on reverse side, red, black and white finish. Attractively decorated with instructive animal border design. Especially designed to teach the child in a very simple, entertaining manner how to count, read numbers, add, substract, multiply and divide.

Per Doz

No. 12—Diam 14 ins..... **$39 00**

One in cardboard box; wt per doz 24 lbs

GAME BOARDS

CARROMS

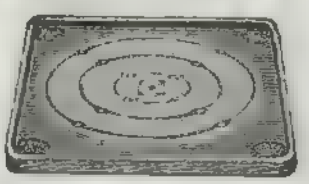
Sixty-five games can be played on this board.

Crokinole panel, mahogany; the ditch is lined with rich green felt, and the balance of the board is made of white maple selected stock, natural wood, extra fine finish. Fitted with felt cushions; board is 29 inches square, with round corners; reversible net pockets. Complete with 120 pieces of equipment as follows: 35 hardwood rings in four colors, beautifully stained and polished, 2 cues, 15 numbered discs, 10 ten pins, 1 backstop, 1 score tab, 1 patent collasible dice box, 2 dice, 48 go-bang men in four colors, 4 metal spinning rings in two colors, 1 complete rule book and 1 box for the equipment.

Per Doz

No. 5—Wt per doz 160 lbs..... **$261 00**

CARROMS



Sixty-seven games can be played on this board.

Crokinole panel is mahogany finish and the balance of the board white maple; natural wood finish; board is 29 inches square, with round corners; deep reversible net pockets. Complete with 85 pieces of equipment as follows: 29 hardwood rings in four colors, stained and polished, 19 spider and fly men in three colors, 2 cues, 15 numbered discs, 10 ten pins, 1 backstop, 1 score tab, 4 metal spinning rings in two colors, 1 dice cup, 2 dice, 1 book of rules and box for the equipment.

Per Doz

No. 7—Wt per doz 168 lbs..... **$171 00**

Fifty-nine games can be played on this board.

Board, natural wood finish; white maple carrom rim. Crokinole panel mahogany finish, reversible net pockets, strong and deep. Board is 29 inches square. Complete with 72 pieces of equipment as follows: 29 hardwood rings, 15 numbered discs, 10 ten pins, 1 spinner, 1 back-stop, 1 score tab, spinning tops, 1 book of rules, 2 cues, 1 dice cup, 2 dice, 3 green flies, 3 yellow flies and box for the equipment.

Per Doz

No. 9—Wt per doz 150 lbs..... **$198 00**

One-twelfth doz in carton.

Fifty-seven games can be played on this board.

Panel 3-ply white maple veneer selected stock, natural wood finish. The diagrams are in bright red and black; board is 29 inches square and fitted with round corners, white maple carrom rim. Complete with 71 pieces, as follows: 29 stained and polished hardwood rings, 15 numbered discs, 10 ten pins, 1 backstop, 1 score tab, 3 spinning tops, 1 dice cup, 2 dice, 3 yellow flies, 3 green flies, book of rules, 2 cues and box for equipment.

Per Doz

No. 12—Wt per doz 132 lbs..... **$132 00**

One-twelfth doz in carton.

CROKINOLE AND CHECKERS

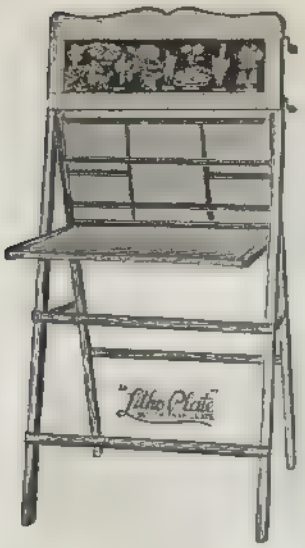
Ten popular games can be played on this board. The crokinole panel is white maple natural finish; walnut finished rims; board is 29 inches with hexagon corners. Equipment consists of 24 hardwood discs and one book of rules and directions.

Per Doz

No. 15—Wt per doz 120 lbs..... **$108 00**

One-twelfth doz in carton.

BLACKBOARDS



PORTABLE TYPE COMBINATION BLACKBOARD AND EASEL DESK

Complete with chalk tray, chalk, eraser, 5 section cabinet, scroll top rail, green enameled writing desk bed and 20 educational charts, 10 in colors.

Per Doz

No. 320—Writing surface 18¼x18 ins; height over all 45¾ ins, width 21 ins.....$117 00

One in carton; wt per doz 156 lbs

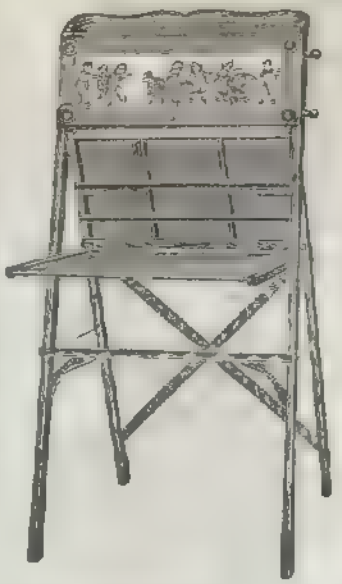
PORTABLE TYPE COMBINATION BLACKBOARD AND EASEL DESK

Litho-plate slated writing surface. Complete with chalk tray, chalk and eraser.

	Chinese Red Finish. Green Trim.	Jade Green Finish. Ivory Trim.
Nos.	6710	5320
Height over all, ins	42¼	45¾
Width over all, ins	18	21
Size black board, ins	15x14	18¼x18
Scroll	10 Charts 5 in colors	20 Charts 10 in colors
Cabinet	3 section	5
Wt per doz, lbs	120	145
Per Doz	$111 00	147 00

One in carton

BLACKBOARDS



PORTABLE TYPE COMBINATION, BLACKBOARD AND EASEL DESK

Complete with chalk tray, rosettes, scroll cap rail, reinforced frame, chalk, eraser, green enameled writing desk bed, 5 section cabinet and 40 educational charts, 20 in colors.

Per Doz

No. 340—Writing surface 18¼x18 ins; height over all 48 ins; width 21 ins $138 00

One in carton; wt doz 186 lbs.

DRAWING SETS

CRESSCO

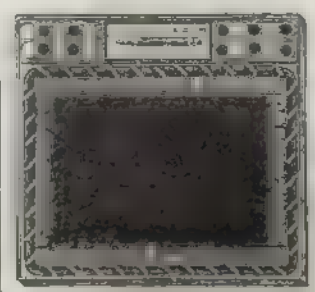
15-ply process, water-bound hardened fibre slating writing surface for slate pencil or chalk. Consists of large drawn art pictures, two boxes of chalk, one white and one colored and 8x5½ inch slate.

Per Doz

No. 16—Wt per doz, 9 lbs.....$12 75

One in cardboard box.

DRAWING SLATE AND GAMES



CRESSCO

Game of 3 in a Row, Slate and Pencil.

15-ply process, water-bound hardened fibre slating velvet finish writing surface for slate pencil or chalk. Can be repeatedly washed without damage. Complete with set of red and yellow playing men, slate pencil and instructions for playing the game.

Per Doz

No. 100—Size slate 11⅛x11 ins.....$12 75

One in cardboard box; wt per doz 13½ lbs.

SPELLING BOARDS

CRESS

Persian orange, white and black finish. Designed with beautiful art work, the eight border pictures represent lullabies.

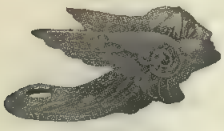
Per Doz

No. 6—Size 10½x8¾ ins.....$13 50

One in cardboard box; wt per doz 11 lbs.

L RADIATOR ORNAMENTS

WINGED HEAD



Rondson

French gray; silver finish; quadruple plate.

NO.	Ht. In.	Lgth. In.	lb Each	EACH
11866	3	6⅜	1	$5 00

WINGED NYMPH

Rondson

French gray; silver finish; quadruple plate.

NO.	Ht. In.	Lgth. In.	Wing Sprd. In.	lb Each	EACH
11837	4	6	5¼	1	$4.75

All packed one in a box.

RADIATOR CAPS

The most beautiful radiator decoration on the market combined with every mechanical feature and utility of a good radiator cap.

Initial and Emblem plates in Blackstone Design are furnished as standard in black and silver enamel finish. Plates are quickly attached with ordinary drive screws.

Caps are self-locking. Screw cap to radiator neck the same as ordinary cap. When locked will not screw off.

Hinged cover to which motometer is securely locked by means of a special slotted disc washer.

Made of white bronze, beautifuly nickel plated. The Eagle cap has a spread of 10⅜ in., the Eaglet 8 in. and the De Luxe 9¼ in . The De Luxe cap is constructed with onyx balls.

NO.	Sprd. In.	lb Each	EACH
Eaglet	7⅞	1¼	$4.00

NO.	Sprd. In.	lb Each	EACH
Eagle	10⅜	2¾	$6.00

One in a box.

NO.	Sprd. In.	lb Each	EACH
De Luxe Jr.	8¼	2	$6.50
De Luxe	9¼	2¾	7.50

PARTS

Special Wrench for Removing Cap from Car

NO.	lb Each	EACH
93	2	$2.00

Gaskets

NO.	Size Cap	lb 100	EACH
94	Eagle or De Luxe	2	$0.10
95	Eaglet	2	.10

Adapters for Motometers

To be used when motometer stem seems too long.

NO.	For Motometer	lb 100	EACH
90	De Luxe	¼	$0.50
91	Univ. or Std.	⅛	.25
92	Midget	⅛	.25

ORNAMENTS

DIVING GIRL

Rondson

Solid bronze, highly polished and nickeled, perfect design, made to fit any radiator cap.

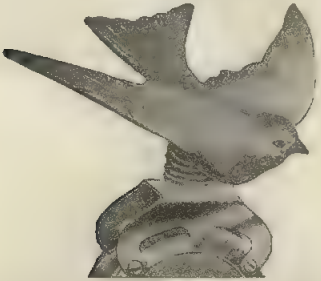
NO.	Ht In.	Oz. Each	EACH
10295	2½	2½	$0.75

SPEED SPRITE

Dull silver finish. Quadruple plate.

NO.	Ht. In.	lb Each	EACH
11677	6	1	$6.80

BLUEBIRD



Very attractive bluebird on nickel plated spring pedestal. Adapted to Universal and Standard Motometers.

NO.	Ht. In.	lb Each	EACH
11555	2	½	$3.75

All packed one in a carton.

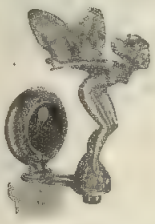
FLY

Rondson

Radiator front ornaments. Hand-enameled in life-like colors. Complete with attaching screws.

NO	Lgth. In.	Width In.	lb Each	EACH
11554	4½	4	½	$2.20

NICKEL FITMENT BRACKET



Rondson

Showing use with radiator ornament. For use with straight type radiator ornament Nos. 10116, 11677 where moto-meter is used.

NO	lb Each	EACH
F109	½	$1.00

All packed one in a box.

ORNAMENT BOLT AND NUT

Rondson

French gray; silver plated. For use with ornaments No. 11860, 11858, 11837, where moto-meter is not used.

NO.	lb Each	EACH
11862	¼	$0.60

ROD CASES

ALUMINUM

For Fly Rod.

Aluminum tube with end screw cup. Diameter, 2 inches.

Fly Rod. For 9 ft. rod. Length, 3 ft. Wt. ea., 1 lb. .....Each $4 00

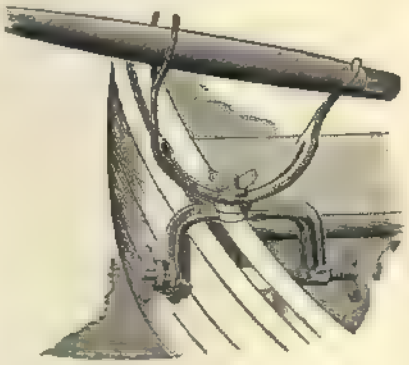
Fly Rod. For 9½ ft. rod. Length, 3 ft. 3 in. Wt. ea., 1¼ lbs. .....Each $4 00

For Casting Rod.

Two-Piece. For casting rods up to 6 feet long. Diameter 1¾ ins. Length, 36 in. Wt. ea., 12 ozs...Each $4 00

One-Piece. For casting rods up to 6 feet long. Diameter, 1¾ ins. Length, 72 ins. Wt. ea., 1½ lbs...Each $6 00

ROD HOLDERS

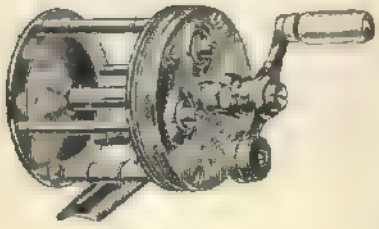


Anyway. Light, strong and well finished; will fit on any boat, anywhere and in any position. Wt. ea. 1 lb. Each $1 40

REELS

CASTING

MEEK



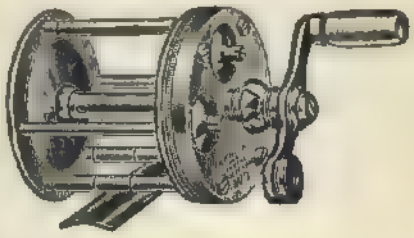
Quadruple Multiplying

Spiral gearing for fishing reels is a distinctive Meek feature and gives strength, power and smoothness of action otherwise unattainable. In making pinions a solid bar of Stubs' steel drill rod is used. This rod runs entirely through the spool, making pivots and pinions one solid piece and spool perfectly rigid. All pivots and studs are tempered, then ground and polished to the highest degree. Capacity 160 yards of No. 5 Kingfisher line. Dimensions: Diameter end plate 2¼ inches; length spool 1⅝ inches; diameter spool head, 1 23/32 inches.

No. 4M. Watch nickel silver, balance handle forward, click and drag screw off oil caps. Wt. each 16 ozs. .....Each $32 00

No. 4MJ. Same as No. 4M except made with jeweled pivot bearings. Wt. ea. 16 ozs. .....Each $38 00

BLUE GRASS



Quadruple Multiplying

This reel will hold 160 yards of No 5 Kingfisher line. Very powerful gear and a most reliable reel; it casts beautifully. Made of nickel silver, quadruple multiplier, balance handle, click and drag and screw off oil caps. Has spiral gears and tempered tool steel pivots and stud.

No. 4B. Diameter end plate, 2 5/16 inches; length spool, 1⅝ inches; diameter spool, 1 23/32 inches. Wt. ea. 16 ozs. .....Each $24 00

No. 4JB. Made same in all respects as the No. 4B except that this has jeweled pivot bearings, click and drag and screw off oil caps. Wt. each 16 ozs. .....Each $29 00

All above, one in a box.

PFLUEGER WORTH

Quadruple Multiplying

This reel has everything a high grade bait casting reel should have; best material and workmanship enters into it: nickel silver is treated to prevent tarnish; generated spiral tooth gears, steel pinion; adjustable front sliding drag; Pyralin ivory handle, adjustable front sliding phosphor bronze click; bushed for bearings; steel pivots, highly polished with end bearing; patented adjustable tension oil cups with genuine scarlet agate jewels. The end play of the spool can be taken up with patented tension oil cups.

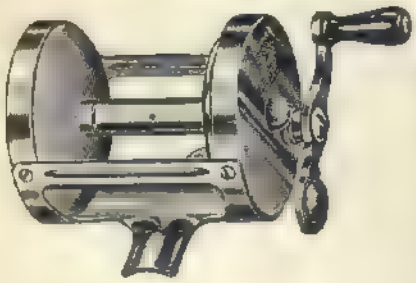
No. 1823J. 60 Yard. Satin nickel silver, jeweled; 1⅞ in. pillar; 2 in. plate. Wt. ea. 12 ozs. ....Each $6 75

Each reel is wrapped in silver tissue and anti-tarnish paper. One in a fancy card box.

REELS.

CASTING.

NIFTEE

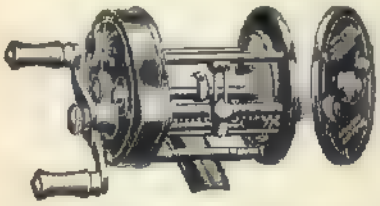


Quadruple Multiplying
Satin Nickel Finish.

Adjustable back sliding click; steel pinion; line shedding bushings; extra long pivot bearings; fancy crank, balanced; rubberoid handle. Has an oversize line capacity, and is wonderful value for the price. Embodies new and novel features for which patents are pending. Oil holes are provided for conveniently oiling both front and back pivots.

No. 1314. 80 yards; 1⅞ inch pillar; 2 in. plate. Wt. ea., 6 ozs. . Each $1 25

PFLUEGER SUPREME



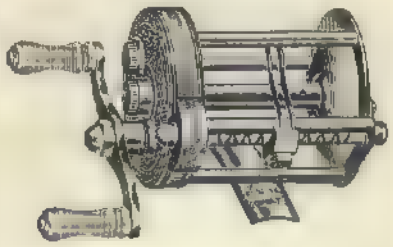
Level Winding, Anti-back-lash.

Made of Nichalum, a metal very light in weight and strong as steel. The double thread shaft and the half nut which travels in the threads of the double thread shaft are made of highest quality tool steel, tempered and lapped to a dimension. When fishing we advise oiling the reel completely at least once a day and the double thread shaft and line carrier twice or more a day, using the best watch oil possible. The anti-back-lash mechanism is contained within the reel and automatically thumbs the spool and stops the same instant the bait strikes the water. The adjusting screw and dial regulator is so constructed that any tension desired can be secured and can be thrown off altogether, thereby making an open level winding reel. Generated spiral tooth gears; steel pivots, tempered and polished; phosphor bronze bearings; adjustable back sliding click. Each reel is wrapped in silver tissue paper and packed in a chamois leather bag.

No. 1573. 80 yd., 1⅞ in. pillar, 2¼ in. plate. Ship. wt. ea. 12 ozs. . Each **$25 00**

All above, one in a box.

PFLUEGER SUMMIT



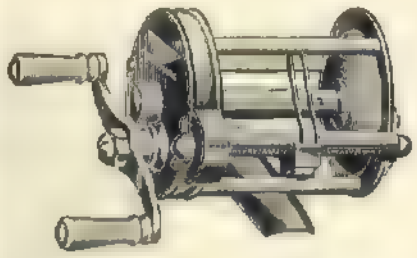
Level Wind. Anti-back-lash.

Level winding mechanism is one of the most important in any level winding reel and most likely to get out of order. The double thread shaft is made of selected steel. The half nut which travels in the threads of the double thread shaft is made of highest quality tool steel, tempered and lapped to a dimension. These two important parts are non-corrosive and highly resistant to wear, work in perfect unison and produce a level winding action that cannot be equaled by any other known mechanical movement. Housing for double thread shaft is of one piece and is attractive in design and serves several purposes. By reason of it the level winding mechanism can be taken apart and quickly and conveniently cleaned without disturbing any other part of the reel. Line guide loop travels full width of spool thus preventing any space between the wound line and flanges of spool and which would very likely cause back lash and other casting difficulties. This reel has the same anti-back-lash mechanism as the No. 1573 Supreme. Tension oil cup with this feature the end play of the spool can be adjusted to any degree desired by the angler. With genuine scarlet agate jewels. Crank is a design and weight as will operate the reel with greatest balance and least vibration. Phosphor bronze bearings; steel pivots; steel pinions; Pyralin amber double handle; fancy nickel silver finish. Wrapped in silver tissue paper and packed in chamois leather bag.

No. 1993J. Jeweled; 7⅞ in. pillar; 2 in. plate. Wt. ea., 8 ozs. Each **$10 00**

One in a card box.

PFLUEGER AKRON



Level Wind—Quadruple Multiplying

The Akron is offered to meet a demand for a level winding reel—one light in weight, plenty of line capacity and constructed to insure long life and satisfactory service. Priced at a figure which will enable the angler of limited means to secure a very desirable and dependable level winding reel. It has many distinctive features some of which are patented and others patents are pending. One of the outstanding is its design and size which makes it comfortable to "palm" and easy to cast. Level winding mechanism is one of the most important in any level winding reel and most likely to get out of order. The double thread shaft is made of selected tool steel. The half nut which travels in the threads of the double thread shaft is made of highest quality tool steel, tempered and lapped to a dimension. These two important parts are non-corrosive and highly resistent to wear, work in perfect unison and produce a level winding action that cannot be equaled by any other known mechanical movement. Housing for double thread shaft is of one piece and is attractive in design and serves several purposes. By reason of it the level winding mechanism can be taken apart quickly and conveniently and cleaned without disturbing any other part of the reel. Line guide loop travels the full width of spool thus preventing any space between the wound line and the flanges of the spool and which if prevailed would very likely back lash and other casting difficulties. Tension oil cup with this feature the end play of the spool can be adjusted to any degree desired by the angler. Crank is of a design and weight as will operate the reel with the greatest balance and least vibration. Assembled with two handles and much can be said in favor of the advantages of a double handle crank over a single handle crank. Steel pivots; steel pinion; white celluloid double handle; combination satin and polished nickel. Each reel is wrapped in silver tissue and anti-tarnish paper.

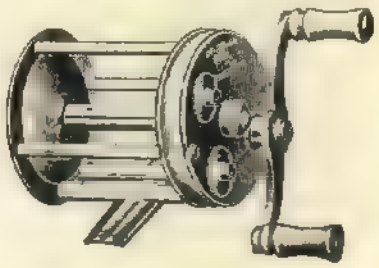
No. 1893. 1⅞ inch pillar; 2 inch plate. Wt. ea., 8 ozs. . . . . Each **$5 00**

One in a fancy box.

REELS

CASTING

PFLUEGER BUCKEYE

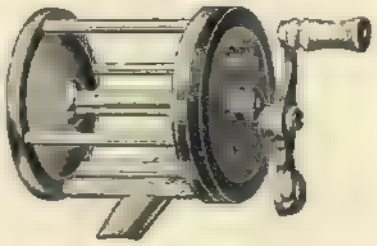


Quadruple Multiplying.

This reel has steel pivots, highly polished with end bearing; bushed for bearings; steel pinion; adjustable front sliding phosphor bronze click; adjustable front sliding drag, Pyralin ivory handle; patented adjustable tension oil cups. The end play of the spool can be taken up with patented adjustable tension oil cups.

No. 993JDH. 60 Yards. Double handle crank, satin nickel-jeweled; 1⅞ inch pillar; 2 in. plate. Wt. ea. 10 ozs. .....Each $5 25

PFLUEGER CAPITOL



Quadruple Multiplying.

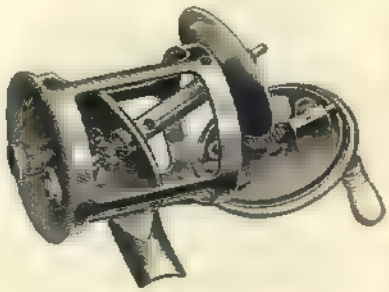
A high grade reel with hard rubber disks; reverse metal bound; adjustable slide click and drag; steel pinions and steel pivots; fancy crank, balanced; Pyralin ivory handle

No. 604. 80 yard. 1⅞ in. pillar; 2½ in. plate. Wt. each, 10 ozs..Each $4 50

No. 605. 100 yard. 1⅞ in. pillar; 2¾ in. plate. Wt. each, 12 ozs..Each $6 00

All above, one in a box.

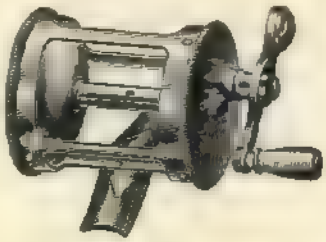
SAMSON



Quadruple Multiplying.

A high grade bait casting reel; nickel plated; with removable spool; end of reel where handle and gears are attached is fastened to frame with a hinge which eliminates the possibility of losing this part. Free running spool and balanced handle.

No. 500. 80 Yard. Wt. each, 9 ozs. .....Each $3 00

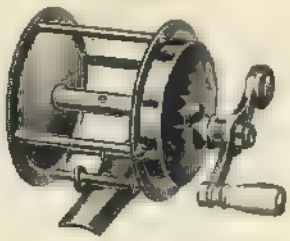


Quadruple Multiplying.

A high grade bait casting reel; nickel plated; solid frame; free running spool and balanced handle

No. 350. 80 Yard. Wt. each, 8 ozs. .....Each $2 50

SAMSON



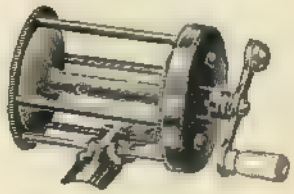
Quadruple Multiplying.

A good grade bait casting reel; nickel plated; free running spool, balanced handle

No. 250. 60 Yard. Wt. each, 7 ozs. .....Each $2 00

All above, one in a box.

SUNNYBROOK



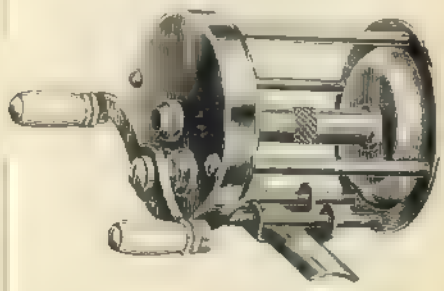
Double Multiplying

Polished Nickel Plated.

A widespool, popular price reel for general use. Adjustable click; knurled edges.

No. 125. 60-80 yards. Wt. ea. 7 ozs. .....Each $1 65

MONTAGUE



Quadruple Multiplying Polished Nickel Plated.

A substantially built and well-finished, quadruple, multiplying, bait-casting reel. This reel must not be confused with the many cheaply made and poorly-finished reels now being offered. It is a high-grade product in every respect and will give excellent service. It is finished with a substantial coat of nickel plate, highly polished.

No. 35. 80 yards. Wt. ea., 8 ozs. . . . . Each $1 35

All above, one in a box.

STEAM WHISTLES

PLAIN

Cast brass tubing bell. Produces a clear, penetrating sound which can be heard a long distance. Used for all general purposes.

PLAIN, With Lever Valve.

Nos.	1V	1½V	1½V
Diam bell, ins	1	1¼	1½
Size pipe, in	¼	⅜	½
Wt each, lbs	1¼	2	2½
Each	6 90	8 40	9 15
	$3 10	*3 75*	*4 00*
Nos.	**2V**	**2½V**	**3V**
Diam bell, ins	2	2½	3
Size pipe, in	½	¾	1
Wt each, lbs	3¼	4½	7
Each	12 30	14 70	19 20
	$5 50	*6 50*	*8 50*

Nos.	3½V	4V	5V	6V
Diam bell, ins	3½	4	5	6
Size pipe, ins	1	1¼	1½	2
Wt each, lbs	7½	10¼	16	22
Each	+25 80	+33 75	+50 55	+74 10
	$11 50	*15 00*	*22 50*	*33 00*

CHIME

Cast brass body, brass tubing bell. Produces three distinct tones.

Single Bell, With Valve.

Nos.	20V	30V	40V	50V	60V
Diam bell, ins	2	3	4	5	6
Size pipe, ins	⅜	¾	1	1¼	1½
Wt each, lbs	4	7½	15¼	29	41
Each	+18 00	+28 80	+46 98	+73 20	+130 50
	$7 00	*11 00*	*18 00*	*28 00*	*50 00*

WHISTLE VALVES

STANDARD

Brass; screwed. Suitable for all styles of whistles.

Nos.	311-⅜	311-½	311-¾
For pipe, ins	⅜	½	¾
Wt each, lbs	¾	1¼	1¾
Each	+4 05	+5 10	6 00
	$2 00	*2 50*	*3 00*
Nos.		**311-1**	**311-1¼**
For pipe, ins		1	1¼
Wt each, lbs		2¼	3
Each		7 05	+10 05
		$3 50	*5 00*

All above packed loose.

OIL CUPS

CHICAGO

Snap Lever, Sight Feed.

Finished brass, glass body; will not shake apart, nor upset; feeds a given amount of oil at the same rate until empty. Stem construction in two parts, and has two tensions.

Nos.	C0	C1	C1½	C2	C3	C4	C5
Size	0	1	1½	2	3	4	5
Diam glass, Ins	1¼	1½	1¾	2	2¾	2½	3
Capacity, ozs	⅝	1	1½	2½	4	5	10
For pipe, in	⅛	¼	¼	⅜	⅜	⅜	½
Ht. over all, ins	5	5¼	5½	6	6¼	6½	7
Wt each, lbs	⅛	⅛	⅛	¼	1	1⅛	1⅝
Each	4 20	4 65	4 95	5 40	6 00	7 50	10 20
	$3 00	*3 25*	*3 50*	*3 75*	*4 25*	*5 25*	*7 25*

Half doz in cardboard box.

+F. O. B. Pennsylvania Factory Only.

OIL CUPS

EXPLOSO

For Gas Engines.

Cast brass, polished. Filling arrangements consist of a sliding lid making the filling of cup simple and insures it being oil tight. Side feed opening is large and the shank is fitted with a large ball check valve to prevent back pressure entering side feed chamber.

Rate of feed can be adjusted by a regulating screw.

Nos.	EX1	EX1½	EX2	EX3	EX4	EX5	EX6
Diam glass, ins	1½	1¾	2	2¼	2½	3	3½
Ht. glass, ins	1⅜	1⅝	1⅞	2⅛	2⅜	3	4
Capacity, ozs	1	1½	2½	4	5	10	18
For pipe, ins	¼	¼	⅜	⅜	½	½	½
Wt each, lbs	½	⅝	¾	1	1¼	1½	2
Each	$7 20	7 50	8 10	8 85	10 35	14 55	+18 45

Half doz in cardboard box.

NEVERFAIL, Automatic, Crank Pin.

Cast brass, polished. Valve on cover closes tightly and prevents leakage and waste of oil. No oil is fed except when the engine is running, the plunger automatically closing the feed when the engine stops.

Nos.	NF1	NF2	NF3	NF4	NF5
Diam glass, ins	1¼	1½	1¾	2	2¼
Height glass, ins	1⅛	1⅜	1⅝	1⅞	2⅛
Capacity, ozs	⅝	1	1½	2½	4
For pipe, in	⅛	¼	⅜	⅜	½
Wt each, lbs	½	¾	1	1⅜	1⅝
Each	+$3 60	+4 35	+4 80	+6 00	+7 20

Half doz in cardboard box.

OIL CUP GLASSES

Nos.	0-G	1-G	1½-G	2-G	3-G	4-G	5-G
Outside diam, ins	1¼	1½	1¾	2	2½	2½	3
Height, ins	1⅛	1⅜	1½	1¾	2⅛	2⅜	3
Wt doz, lbs	1	1½	1¾	2½	4	4¾	6
Per Doz	$3 78	4 65	4 95	5 25	6 00	6 60	8 25

Packed loose.

GREASE CUPS

COLUMBIA

Polished Cast Brass.

Plain grease cup; simple, compact, efficient. Cap will not jar off.

Nos.	CGC-00	CGC-0	CGC-1	CGC-2
Diam, ins	1 1/16	1⅛	1¼	2¼
Height, ins	1⅛	1⅝	2	2¼
Capacity, ozs	½	¾	1	2
For pipe, in	⅛	¼	¼	⅜
Wt each, lbs	¼	½	½	1
Each	30	39	45	99
	$0 70	*90*	*1 15*	*1 50*

+F. O. B. Michigan Factory Only.

GREASE CUPS

MOON

Automatic, Polished Cast Brass, Spring Compression.

Leather washer, can be expanded by adjusting screw at bottom. Spring and plunger controlled by thumb nut on top of cup, will not jar from position.

Nos.	M-0	M-1	M-2	M-3	M-4	M-5
Diam, ins	1¼	1⅝	1¾	2	2¾	3⅝
Ht. over all, ins	2¾	3⅛	4⅜	4¾	6¼	8
Capacity, ozs	⅛	1	1½	2⅜	4½	10
For pipe, in	⅛	¼	¼	⅜	½	½
Wt each, lbs	¼	½	⅝	¾	1	1¾
Each	2 34	3 15	4 17	4 95	6 75	✣9 45
	$1 50	*2 00*	*2 50*	*3 20*	*4 50*	*6 00*

Half doz in cardboard box.

Pressed Steel.

Pressed steel top and malleable iron base. Adapted for use on threshing machines, etc.

Nos.	GR-000	GR-00	GR-0	GR-1	GR-2	GR-3	GR-4
Diam, ins.	¾	1	1¼	1½	2	2½	3
Height, ins	1¼	1⅜	1⅝	2	2¼	2½	2¾
Capacity, ozs	¼	½	⅝	1	2	3½	5
For pipe, in	⅛	⅛	¼	¼	⅜	½	½
Wt per 100, lbs	6	10	16	20½	42½	68	94
Per 100	$6 30	7 50	9 00	10 50	19 80	33 00	44 25

One doz in cardboard box.

CLIMAX

Polished Brass.

No springs are employed in these cups, whenever plunger is screwed down their operation is positive. Designed for marine engines and roller mills, but are suitable for many other purposes where a screw feed is desired. Can be applied to any bearing.

No. CL1-6 is extra heavy and has cone shaped bottom.

Nos.	CL1-0	CL1-1	CL1-2	CL1-3
Diam, ins	⅜	1¼	1⅝	1⅞
Height over all, ins	2¼	3⅛	4⅜	4¾
Capacity, ozs	1/16	⅛	1¼	2⅛
For pipe, in	1/16	⅛	¼	⅜
Wt each, lbs	¼	½	⅝	⅞
Each	✣2 01	✣2 40	✣3 30	✣4 05
	$1 00	*1 20*	*1 60*	*2 00*

Nos.	CL1-4	CL1-5	CL1-6
Diam, ins	2⅝	3	3⅝
Height over all, ins	6¼	8	9
Capacity, ozs	5	11	18
For pipe, in	½	½	¾
Wt each, lbs	1½	2¾	5
Each	✣5 70	✣10 05	✣30 00
	$2 80	*5 00*	*15 00*

Packed loose.

GAS ENGINE, AUTOMATIC

Polished Brass.

Particularly designed for gas engines, but are suitable for many other purposes where an automatic feed is desired.

Nos.	GE0	GE1	GE2
Diam, ins	1¼	1½	1¾
Height over all, ins	3¼	4½	4¾
Capacity, ozs	⅛	1	1½
For pipe, in	⅛	¼	¼
Wt each, lbs	½	¾	⅝
Each	$2 40	3 30	4 05

Half doz in cardboard box.

✣Climax—F. O. B. Michigan Factory Only.
✣Moon—F. O. B. Illinois Factory Only.

LUBRICATORS

PLAIN

Brass, polished. Shank and cup in two parts, screwed together. Cup can be filled while engine is running, by closing valve, which also acts as a feed regulator. Oil regulated by horizontal wheel. For general use on engines.

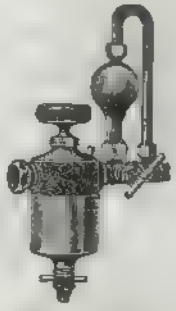
Nos.	10L-0	10L-1	10L-2
Capacity, ozs	1	1¼	1½
For pipe, in	⅜	⅜	½
Diam body, ins	1¼	1½	1¾
Wt each, lbs	½	1	1½
Each	✣4 50	4 80	5 25
	$2 20	*2 40*	*2 60*

Nos.	10L-3	10L-4	10L-5	10L-6
Capacity, ozs	2½	4	5	10
For pipe, in	½	½	½	¾
Diam body, ins	2	2¼	2½	3
Wt each, lbs	1½	1⅞	2	2½
Each	5 85	6 60	7 50	✣9 60
	$2 90	*3 25*	*3 75*	*4 75*

Half doz in cardboard box.

SWIFT

Sight Feed, Single Connection.



Designed for use, where it is desirable to attach with one connection of steam pipe. So constructed, that it will feed any oil, no matter how heavy, when exposed to the most severe weather.

Also designed to be connected with the steam pipe, between the throttle valve of the engine or pump and the boiler, thus insuring a steady pressure on the lubricator.

Nos.	FSC-⅛	FSC-¼	FSC-½	FSC-1	FSC-1½	FSC-2
Cap, pts	¼	½	½	1	1½	2
For pipe, in	⅜	⅜	⅜	½	½	½
Wt each, lbs	3¾	4¼	5½	7½	10	12
Each	✣$10 50	11 25	12 00	17 25	20 25	22 50

One in box.

DETROIT

Sight Feed, Double Connection.

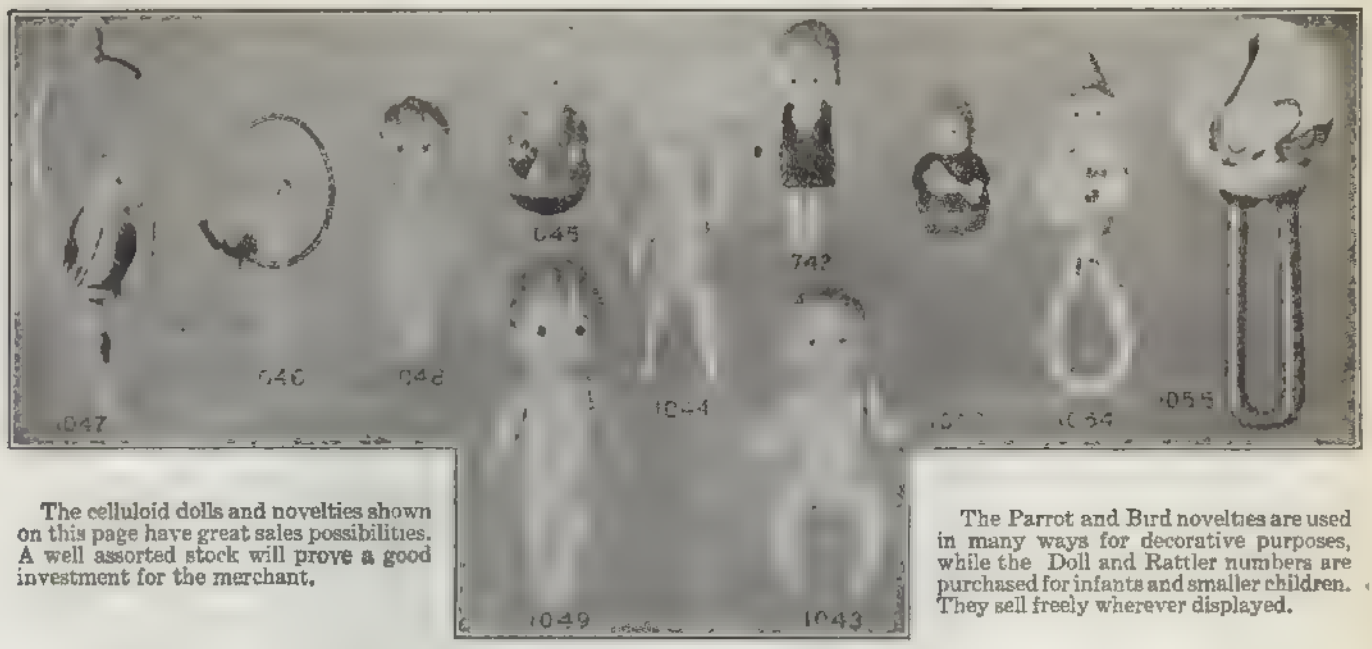
Two parts support arm. The lubricator proper can be removed at any time without letting down steam. The drain stem under the sight feed glass allows the water to be drained out and the glass cleaned at any time. Adapted for feeding heavy oils.

Nos.	15D-⅛	15D-¼	15D-1	15D-2	15D-4
Capacity, pts	⅛	¼	1	2	4
Supp'rt pipe, in	½	½	½	½	¾
Wt each, lbs	8	9	12	14	26
Mills, Mines, Factories, Each	✣$30 75	32 25	37 50	46 50	✣70 50
Dealers, Each	✣ 27 00	28 50	33 00	40 50	✣63 00

One in wood box.

✣Swift—F. O. B. New York Factory Only.
✣Plain and Detroit—F. O. B. Michigan Factory Only.

CELLULOID DOLLS AND NOVELTIES



The celluloid dolls and novelties shown on this page have great sales possibilities. A well assorted stock will prove a good investment for the merchant.

The Parrot and Bird novelties are used in many ways for decorative purposes, while the Doll and Rattler numbers are purchased for infants and smaller children. They sell freely wherever displayed.

	Per Gro
No. 1047 -5 in. Parrot, mounted in 5¾ in. ring; assorted colors; 12 in a box	$27 00
No. 1046—3¼ in. Bird, mounted in 2¾ in. ring; 4 assorted style birds; 36 in a box	13 80
No. 1048—4½ in. Vamp Doll, with jointed arms 36 in a box	15 00
No. 1045—3 in. Roly Poly, fancy colors, 6 assorted, 36 in a box	15 00
No. 1049—6 in. Vamp Doll, with jointed arms; 12 in a box	28 50
No. 1044—4½ in. Doll, full jointed; 36 in a box	15 00

All above average wt per gro, 12 lbs.

	Per Gro
No. 742 -4 in. Dolls, jointed arms, 6 different styles assorted girls and boys, plain and painted novelty designs; 36 in a box	$13 50
No. 1043 -6 in. Doll, full jointed; 12 in box	27 00
No. 1063—5½ in. Rattle, 6 assorted designs in bright colors; 36 in a box	13 80
No. 1054 -6 in. Rattle, 6 assorted designs in bright colors; 36 in a box	28 50
No. 1055—8 in. large Ball double handle rattle, with novelty children's designs, assorted; 12 in a box	78 00

All above average wt per gro, 12 lbs.

	Per Gro
No. 1041—Novelty design dolls, 6 assorted, 3 boys and 3 girls, painted in bright colors average size 5 ins; 24 in a box	$28 50
No. 1040—Santa Claus novelties, consisting of 2 automobiles, one reindeer and sleigh, one Santa roly poly and two Santa figures, average length autos 3½ ins, height of figures 4½ ins; 6 assorted, 36 in a box	28 50

Average wt per gro, 12 lbs.

CELLULOID ANIMALS

Per Gro

No. 1052—Assorted, 12 wild and domestic animals, average size 4 ins; one doz in a box..... $13 80

Average wt per gro 12 lbs.

NURSING SETS

Per Gro

No. 1050—Set consists of a celluloid doll, with jointed arms and glass nursing bottle with rubber nipple, height of doll 2½ ins; wt per gro 11 lbs..... $15 00

No. 1051—Set consists of a full jointed celluloid doll, nursing bottle with nipple, rattle, passifier and windwheel; height doll 3 ins; wt per gro 15 lbs..... 30 00

Three doz in carton.

TONGUE BALLS

Per Gro

No. 1031—Rubber novelty funny faces, 4 assorted designs, by pressing on face, tongue sticks out, length 1⅝ ins; diam 1¾ ins..... $13 80

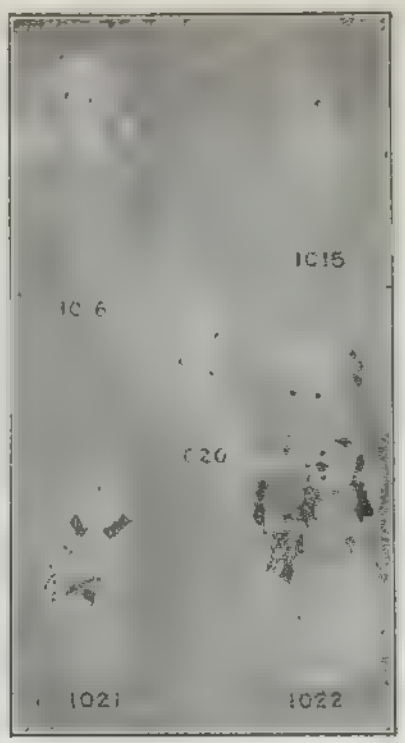
One doz in box; wt per gro 3 lbs.

Per Gro

No. 1032—Rubber novelty funny faces, 4 assorted designs, by pressing on face tongue sticks out; length 1¾ ins; diam 2½ ins $28 50

One doz in box; wt per gro 5 lbs.

RUBBER DOLLS



Per Gross

No. 1016—5 in. bisque doll, vamp style, jointed arms; one doz in a box; wt per gro 25 lbs. $30 00

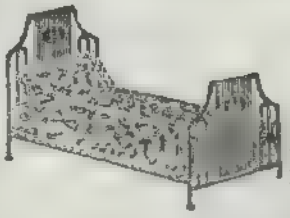
No. 1015—3½ in bisque doll, vamp style, jointed arms, two doz in a box; wt per gro 11 lbs..... 15 00

No. 1020—3½ in. rubber doll with squeak, 3 assorted styles; 12 in a box, wt per gro 6 lbs 13 80

No. 1021—5 in. rubber doll, with squeak, 3 assorted styles; 12 in a box; wt per gro 11 lbs..... 31 50

No. 1022—7 in. rubber doll, with squeak, 3 assorted styles; 6 in a box; wt per gro 30 lbs..... 78 00

DOLL FURNITURE

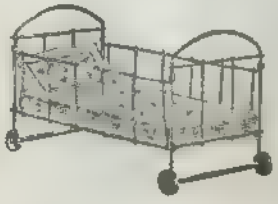


BEDS

REDDICK

Round steel wire, joints soldered and electric welded. Complete with stuffed mattress and lace pillow.

Nos.	Lavender or Blue. M150	M160
Length, ins	18	24
Width, ins	10	13
Height, ins	11¾	13½
Wt per doz, lbs	35	54
Per Doz	$42 00	61 00



REDDICK, FOLDING CRIBS

Steel wire, blue enameled, mechanically perfect and when set up is a small model of a large crib. Complete with well stuffed mattress and lace silkoline pillow.

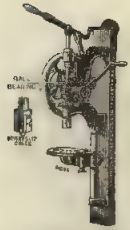
Nos.	M31	M32	M33
Length, ins	14	18	24
Width, ins	9¼	11	13
Height, ins	10	11¼	11
Wt per doz, lbs	23	35	54
Per Doz	$22 50	39 00	49 50

Nos M31 and M32 one doz in cardboard box; No. M33 half doz.

CHAMPION DRILLS

E

FOOT



Lever Feed

This pattern is built for light and quick work; intended to be used as a second drill in shops where tire drilling and countersinking are an object, especially where screw feed drills are used; as well as any other light work.

Specifications.—Has slotted planed table, which can be removed or swung to either side. All bearings ground from solid steel; gears are turned and cogs faced and polished. Drills up to ⅝-inch hole in center of 14-inch circle. Spindle 1-inch in diameter, with an up and down run of 3½ inches. Has end thrust ball bearings. Full back geared. Spindle bored to take ⅝-inch round shank bit drills.

NO	Ht. In.	lb Ea.	EACH
100	40	100	$25.00

No. 100P. Same as above, but with tight and loose pulleys 6x2 inches, for power.

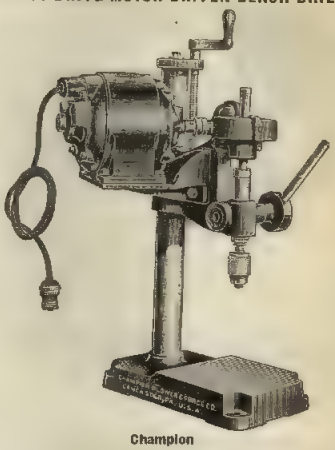
NO.	Ht. In.	lb Ea.	EACH
100P	40	125	$30.00

New Black Diamond

The No. 525 is an automatic self-feed; the new ball bearing feature greatly reduces the power required for drilling. Gearing is compounded for quick and easy running, both side and top wheels making two revolutions to one of the crank. The new wheel holder will hold wheels for drilling tires without scuffing off the paint. Second speed for bearing work, is put on in an instant, by inserting crank handle into side fly wheel. Round, lathe turned slotted table, adjustable; drills to center of an 18-inch circle. Holes up to 1¼ inches. Spindle has up and run down of 4 inches, and bored to take ⅝-inch round shank drills.

NO.	Height	Weight Each	EACH
525	56 in.	225 lb.	$42.75

DIRECT DRIVE MOTOR DRIVEN BENCH DRILL



Champion

The Champion Motor Driven Bench Radial Drill represents a new drive feature not found on any drill heretofore. The motor is attached to the main frame of the drill, and the power to the drill spindle is transmitted by a helical cut spiral pinion and helical cut gear, which makes a wonderfully smooth running drill. The motor shaft and spindle are connected by the helical gear and pinion; the lever for feeding is arranged with a spring to automatically raise the bit out of the work after a hole is drilled. No belts to slip. Drill is furnished complete with attachment cord and plug, requiring no electrical expense in setting up.

Drill has a screw and handle for raising and lowering the adjustable head and when clamp is loosened, the drilling mechanism may be swung around on the column to either side of bench, enabling the used to do work requiring an expensive radial drill where long pieces or frames are to be drilled.

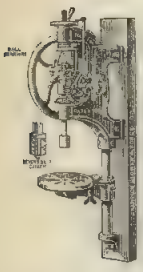
The drill has many advantages for doing a variety of work on production drilling that cannot be done on drills costing many times the price of this drill. It therefore fills a want among mechanics such as light manufacturing, machine shops, pattern and model shops, garages and the home workshop.

SPECIFICATIONS

Drills to center 10 inch circle.
Spindle equipped with Adjustable 3-Jaw Chuck to take straight shank drill bits 0 to ½-inch.
Drills holes up to ½-inch.
Up and down travel of spindle, 2½ inches.
Travel of Adjustable Head on Column 9½ inches.
Distance between Spindle and Base, 11 inches.
Spindle speed, 1050 R. P. M.
Size of base—planed—7x7 inches.
Diameter column, 1¾ inches.
Bench space, 12¾x7 inches.
Height, 25 inches.
Weight, 90 lbs., crated.

NO.	Volts	Cycles	EACH
49-E	110	50	$50.00
49-E	110	60	50.00

E CHAMPION DRILLS



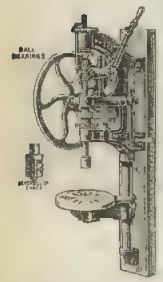
POST

Combination automatic self-feed and double compound lever-feed upright post drill with ball bearings. The compound lever gives you 80 per cent more pressure at the point of drill than any other, instantly raising the drill bit or replacing it on the work. No more turning back of feed screw nut to get drill out of work. Both self-feed and lever-feed are independent of each other and can be changed instantly. The lever makes it especially convenient for wood boring for blacksmith shops. It has two speeds, with three gears, in order to give second speed the same turning direction of crank as first speed. Table is lathe-turned and slotted. Can be swung to either right or left, and raised up or down. Can be removed for drilling. Drills holes up to 1¼-inch to center of 16-inch circle. Spindle is 1½ inches diameter and has an up and down run of 4 inches. All end friction of the spindle is taken away by the use of end thrust ball bearings. Spindle bored like Never-Slip chuck for ⅝-inch shank drills.

NO.	Height	Weight Each	EACH
200	51 in.	200 lb.	$53.00

With tight and loose pulleys for power, 6-inch diameter and 2-inch face, otherwise same as No. 200.

NO.	Height	Weight Each	EACH
200P	51 in.	205 lb.	$57.00

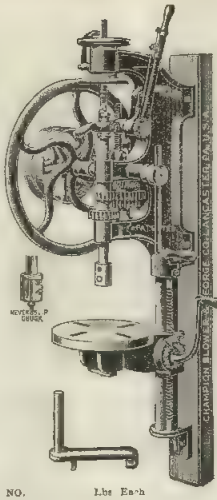


POST

The Champion patented combination automatic self-feed and double compound lever-feed drill is the most powerful medium priced drill ever built. Special attention is called to the double compound lever-feed, which gives the benefit of every possible invention that a drill can have. This feed produces 80 per cent more pressure at the point than any other drill without it. The automatic self-feed and double compound link and rack lever-feed are independent of each other, and can be changed in the fraction of a second.

It has two speeds, the change from slow to fast speed or from heavy to light work is accomplished by sliding the gears and requires but an instant. Table is lathe-turned and slotted, and can be swung to either right or left or raised up and down. Can be removed for drilling tires. Drills holes up to 1⅓-in. to center of 18-in. circle. Spindle is 1⅔ in. diameter and has an up and down run of 5½ in. Spindle bored like Never-Slip Chuck for ⅝-inch shank drills. With tight and loose pulleys, 11-in. diameter by 2½-in. face for power.

NO.	Height	Weight Each	EACH
200½P	55 in.	285 lb.	$75 00

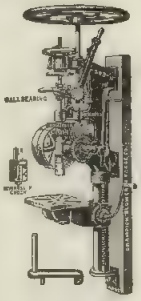


POST

Champion combination automatic self-feed and double compound lever-feed post drill with tight and loose pulley. Made with cut gears and ball bearings.

Specifications: Drill to center of 21-in. circle. Spindle 1¾-in. diameter, has up and down run 5½ in. Equipped with never-slip chuck to take ⅝-in. straight shank bits. Tight and loose pulley 11-in. diameter, 2½-in. face. Speed 100 r.p.m.

NO.	Lbs Each	EACH
201P	430	$95.00



POST

This patented powerful compound lever and automatic self-feed, each independent of other, or changed from one to the other in the fraction of a second, accomplishes wonders in turning out work; there is no time lost, as the raising or lowering of the drill is instantaneous in both feeds. There is no turning back of the feed screw nut with either feed. With this machine, a blacksmith can drill holes as cheaply and quickly as an up-to-date machine shop. This lever also makes the drill a first class wood boring tool.

Specifications.—Automatic self-feed and lever-feed upright drill, with ball bearings; fitted with tight and loose pulleys for hand and power combined. This drill has all the latest improvements as described in the No. 201 Drill, but is heavier in construction and has the fly wheel on top instead of side, which spins on ball bearings. Has two speeds, automatic and lever feed. Square table with lever and ratchet adjustment and wheel rack. Drills from 0 to 1½-in. holes to center of a 21-inch circle and has 1¾-inch spindle with up and down run of 5½ in. Fitted with Never-Slip Chuck bored for ⅝-in. round shank drills. Power pulley 11x2½ in. Speed for ordinary work 180 revolutions per minute.

NO.	Height	Weight Each	EACH
203P	72 in.	470 lb.	$135.00

Lawn Mowers

Channon Special

Ball Bearing Wheels, Four Manganese Steel Blades, 9-inch Dia. Wheels.

Manganese steel blades, crucible steel cutter bar. Only the very best material used throughout. A light running, serviceable machine. Adjustments are easily and quickly made.

Blade, inches	16	18	20
Price, each	$19.00	$20.00	$21.00

Worchester

Ball Bearing 9-inch Dia. Wheels

This ball bearing mower is a thoroughly dependable mower, easy operating and capable of very fine work. 9-inch wheels of the open type; four special alloy crucible steel blades; lipped underknife. The entire construction is solid and sturdy and of the best materials. No shims, cotter pins nor springs in the construction of this mower.

Blade, inches	16	18
Price, each	$16.00	$18.00

Boughton Ball-Bearing Lawn Mower

Five Manganese Steel Blades, 10-inch Diameter Wheels.

One of our most popular models. Strictly high grade, light running, noiseless and serviceable. Two blades are on the cutter bar at all times, giving a short cut. The turned-up lip makes the cutter bar self-blade self-sharpening.

Blade, inches	16	18	20
Price, each	$23.00	$24.00	$25.00

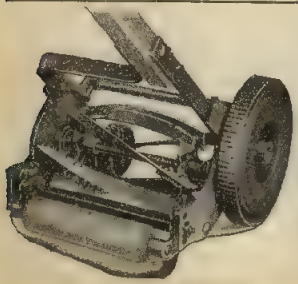
Mt. Tom

Plain bearing Manganese, Four Steel Blades, 8-inch Dia. Wheels

Manganese steel blades, crucible steel cutter bar. Only the very best material used throughout.

A light running, serviceable machine. Adjustments are easily and quickly made.

Blade, inches	14	16	18
Price, each	$12.00	$12.50	$13.00



Worcester Lawn Trimmer

For mowing close to trees, borders, fences etc., a thoroughly efficient and practical machine extensively used in parks, country clubs, and by City and Suburban home owners.

It provides the finish touch.

Price, each $15.00

Chausse Kerosene Torches

Model C1 Three Gallon Portable Torch

For

Thawing,
Drying,
Pre-heating,
Soldering,
Tempering,

Expanding
and
General Shop
and Foundry
Service.

The only self-contained portable 3-gallon torch which will burn its entire fuel capacity in any position—vertically, horizontally or upside down. The only one which cannot be blown out by high winds or extinguished by water or rain. Weighs only 30 lbs. filled with 3 gallons of kerosene or distillate. Generates 1600 to 2000 degrees (F) of heat in a long clean 24-inch flame. Burns 3 hours on one filling.

Price complete.....**$30.00**

Thawing Out Switches and Frogs

Model C3 2-Quart

Models C3 and C4
One and Two Quart Torches

The widespread demand for small kerosene torches is met by the Chausse one and two quart torches. They are safer and more economical than gasoline torches, give a clean, non-carbonizing flame and can be used to heat soldering tools. They can be filled or emptied from the top.

These torches can be used in houses, apartments and other buildings where gasoline torches are forbidden by building codes. They are cleaner, safer and more satisfactory than antiquated charcoal burners.

Chausse hand torches are used in large quantities. One of the largest tractor makers in this country has used thousands of them, equipping each machine to preheat kerosene to facilitate starting. Another manufacturer, of fuel oil stationary engines, equips every engine with a one-quart torch.

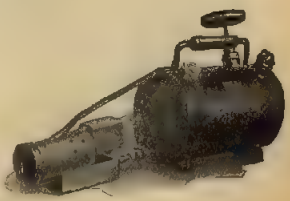
These torches are also made with burner horizontal and soldering iron rests. Specify horizontal or vertical burner on orders.

Price Model C4, one quart.....**$6.00** Price, Model C3, two quarts.....**$12.00**

No. 55 Hauck Thawing Torches

This torch gives excellent service in severe sleet and ice storms. Has bracket reinforcement. The 1½-gallon rust-proof oil tank is equipped with hand pump. Pressure gauge registers 60 lbs. Burner is equipped with heating pan. Windshield protects flame. Length of flame, 22 inches. Oil consumption, 3 quarts of kerosene oil an hour. Weight, 11 pounds.

No. 55. Price, each.....**$25.00**



Clements Cadillac Portable Electric Blower —Suction Cleaner—Sprayer

The Approved Method of Industrial Cleaning

Cleaning

It cleans motors, generators and all machinery, shop and office equipment, etc., either by blowing or by suction

This tool is equipped also to handle liquid insecticides, paints, lacquers and cleaning fluids. Simple. No upkeep. Operates from any light socket. Clements-Cadillac Portable Electric Blower has been chosen by thousands of industrials, large and small, to answer all cleaning requirements because of its low price, adaptability to all cleaning requirements, low operating cost and because it delivers clean DRY air in large volume but at comparatively low pressure to clean safely the most delicate equipment.

All Cadillac Blowers are equipped with Universal motors, operating on A C or D C. (specify voltage when ordering), ball bearings which require no oiling, complete with 20-ft. super-service cable and armoured plug (separable).

Suction Cleaning

(Illustration No. 2 at left)

It converts instantly from blower to suction cleaner. Simply remove rubber nozzle and attach Dust bag. Remove wire screen at side, clamp on Hose connection and attach Hose and cleaning tool desired.

The standard attachments are sufficient for all ordinary suction cleaning purposes. This equipment is ample for cleaning out stock bins, office furniture, automobile upholstery, or any job where ordinary suction cleaning is desired.

There are also special tools for special requirements, including a long tube with an adjustable brush for reaching high places—for cleaning overhead pipes and line shafting. Also a Floor Nozzle with detachable brush for easy and thorough cleaning of floors, rugs and carpets. With their added power, the new Clements-Cadillac models make practical the use of type-cleaning devices for printers—telephone braid brushes curry combs and curry brushes and many other special attachments obtainable only with the Clements-Cadillac.

Special attachments can be purchased separately.

Spraying

A Model for Every Requirement

Prices

Model G-3	$90.00
Model F-3	67.50
Model AY-2	60.00
Model L-2 (hot and cold)	82.50
Blow Torch (gas-electric portable forge)	82.50
Furnace Blast (for heat treating furnaces)	90.00
Standard Set of Suction Attachments	15.00

Details and prices on special suction and spraying equipment on application.

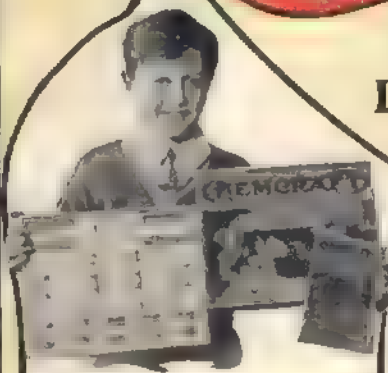
REGISTERED TRADE MARK

CHEMCRAFT

THE CHEMICAL OUTFIT

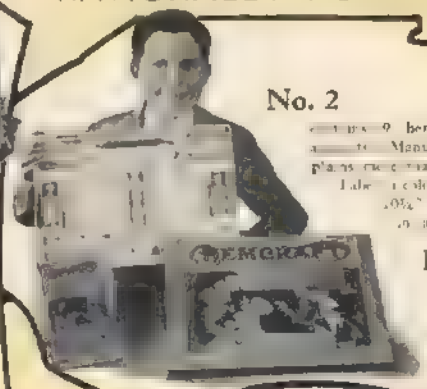
THE ORIGINAL AND LEADING CHEMISTRY SET

NATIONALLY ADVERTISED



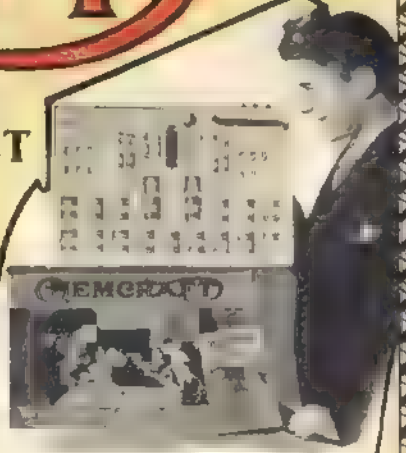
No. 1 contains 19 chemicals and pieces of apparatus with more than 100 experiments explained in the Manual of Instruction. Box size [illegible] Packed 24 in carton

List Price $1.00



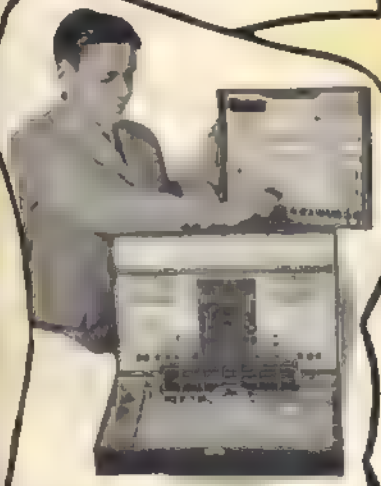
No. 2 contains 9 chemicals and pieces of apparatus with more than 100 experiments explained in the Manual of Instruction. Explains over 100 experiments. Label reads, wood case 7½" x 10¾" x 1½". Packed 12 in carton

List Price $2.00



No. 3½ contains 14 chemicals and pieces of apparatus with 205 experiments explained in the Manual of Instruction. Box size 18" x 11" x 1¾". Packed 6 in carton

List Price $3.50



No. 10 Wood Cabinet with removable tray. Contains 85 chemicals and pieces of apparatus as pictured, explained in the book. More than 500 experiments can be performed. Cabinet size 14" x 12" x [illegible] Packed 1 in carton

List Price $10.00

No. 5

Wood Cabinet beautifully finished and with hinged cover, contains 54 chemicals and pieces of apparatus. Manual of Instructions explains 50 experiments. Cabinet size 15" x 11" x 3". Packed 1 in carton

List Price $5.00

No. 15 Wood Cabinet with separate [illegible] Contains [illegible] chemicals and pieces of apparatus as pictured and explained in the Manual of Instructions. More than 500 experiments can be performed. Cabinet size [illegible] Packed 2 in carton

List Price $15.00

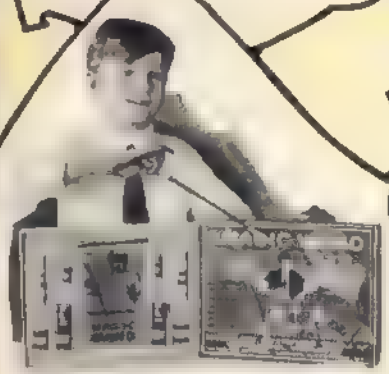
Manufactured by THE PORTER CHEMICAL COMPANY
Hagerstown, Maryland

CHICAGO TOY FAIR — PALMER HOUSE — ROOM 727

New York Office
200 Fifth Avenue — Mr. Leo Levy

San Francisco Office
788 Mission Street — Mr. M. Sneed

Southern Rep. Mr. L. S. Wetman, 100 Edwin Place, Asheville, N. C.



The MAGIC WAND

[illegible] Contains [illegible] and pieces of apparatus as pictured and explained in the Manual of Instructions. Cabinet size [illegible] Packed 1 in carton

List Price $1.00

No. 25 Complete Home Laboratory [illegible] chemicals and pieces of apparatus as pictured. Many [illegible] Cabinet size 22" x 12" x 8½". Packed 1 in carton

List Price $25.00

The TELEPHONE BOOK

A [illegible] and [illegible] Contains [illegible] Many [illegible] Box size 13½" x [illegible] Packed 1 in carton

List Price $5.00

MasterCraft

NATIONALLY ADVERTISED

PAINTING SETS

WITH THE NEW

UNIT TRAY CONSTRUCTION

Stainless, Non-poisonous, Washable Paints . . . Attractively Labeled Sets. Leading in Value and Quality.

No 103

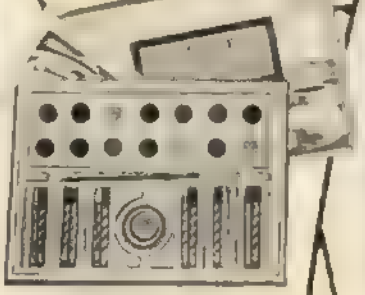
Contains 8 paints on [illegible] 5 crayons, 2 water dips, No. 2 brush, [illegible] Colored label Box size [illegible] packed 6 in carton

No. 103 List Price 25c

No. 106

[illegible] Tray Construction Contains 12 [illegible] 2 colors, 6 crayons, No. 1 brush, [illegible] book. Colored label Box size [illegible] x 9¾" x [illegible] Packed 6 in carton

No. 106 List Price 50c



No 111

[illegible] Tray Construction Contains 14 [illegible] 12" x [illegible] glass water cup, [illegible] brush, Colored label Box size 10¾" x [illegible]" x [illegible]" Packed 12 in carton

No. 111 List Price 1.00

Sunset

No 110

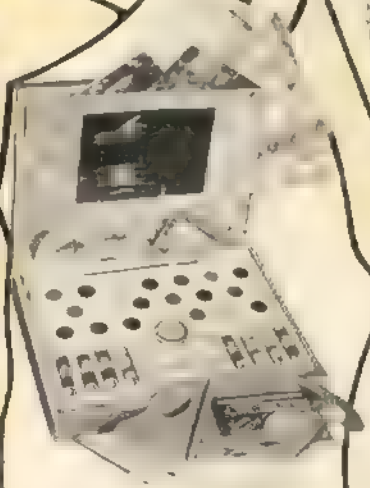
[illegible] Tray Construction Contains 14 [illegible] large [illegible] water [illegible] water cup, [illegible] brush, [illegible] dipping device, No. 1 brush, colored label Box size [illegible] x 13⅜". Packed 12 in carton

No. 110 List Price $1.50

No 120

Artists Unit Tray Construction Contains 19 large [illegible] No. 3 [illegible] 2 large [illegible] water colors, glass water cup, separate [illegible] dipping device, No. 1 brush, colored label Box size [illegible] x 13½" x [illegible] Packed 6 in carton

No. 120 List Price 2.50



No 140

Unit Tray Construction Wood Cabinet Contains 12 [illegible] 2 water colors, glass water dish, glass water cup, [illegible] 2 brushes, Complement board [illegible] Hinged Cabinet size 15" x 11" x [illegible] Packed 6 in carton.

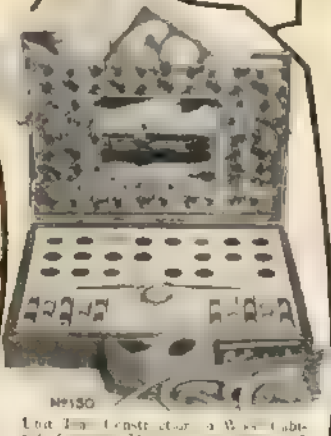
No. 140 List Price $5.00

Young Artist

No. 130

Unit Tray Construction Contains 24 water colors, [illegible] large tube white, [illegible] water cup, separate porcelain mixing tray, No. 2 brush, [illegible] dipping device, [illegible] Complement board [illegible] and [illegible] Hinged lid Box size 15" x 12" x [illegible] Packed 6 in carton

No. 130 List Price $4.00



No 150

Unit Tray Construction Wood Cabinet Contains 24 water colors, [illegible] large tube white, [illegible] water cup, separate porcelain mixing tray, No. 2 brush, [illegible] dipping device, [illegible] Complement board [illegible] and [illegible] Hinged lid Box size 15" x 12" x 3½". Packed 3 in carton

No. 150 List Price $7.50

WOODCRAFT

THE BOYS' HOME WORK SHOP

A new practical application of the popular home workshop idea specially developed for boys. Sets packed in strong wooden tool box with all necessary tools

No. 5 Contains assortment of [illegible] lumber, [illegible] shop, [illegible] [illegible] making, [illegible] Cabinet size [illegible] Packed 6 in carton

List Price $5.00

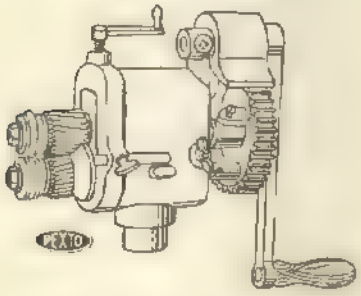
No. 10 Contains extra large assortment of tools, lumber, finishing materials, [illegible] [illegible] making [illegible] Cabinet size 16" x 12" x 3½" Packed 3 in carton

List Price $10.00

SHEET METAL WORKERS' MACHINES

PEXTO

CRIMPER AND BEADER



Interchangeable.

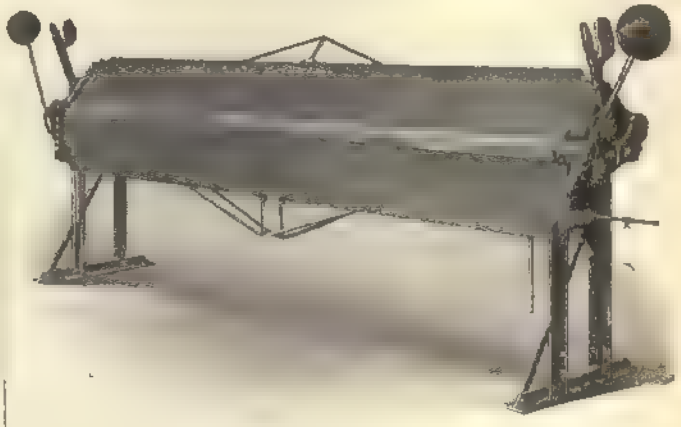
Capacity 20 Gauge Iron and Lighter.

For producing a neat, uniform crimp and bead or crimp without bead these machines recently made from new patterns will be found superior to any other make for general pipe crimping or beading. They have been designed with a view to giving maximum strength and rigidity and can be depended upon for producing snug fitting pipe joints that hold when put together. A very practical feature is offered in the arrangement of the driving gears. Two speeds are provided for; back geared for heavy stock and direct drive when lighter gauges of materials are used. The driving gears can be removed and the machine converted instantly into a direct acting crimper by attaching the crank to lower shaft. Connecting gears are of machine cut steel the frame and cap machined to insure perfect fit of all working parts for accurate and uniform work. Rolls are made of a high grade steel, scientifically hardened and the gauge is of extra wide proportions made from tool steel properly hardened. Adjustments are provided for regulating the relative depth of crimp and bead. The adjustment will be found in a wedge between the rear bearings. This wedge is adjusted by wing nuts in front and back of frame near handle end. The upper shaft can be tipped toward front or back as desired thus making a deep crimp and shallow bead or shallow crimp and deep bead. Face of rolls are flush with their arbors. When the blank rolls as furnished are placed behind the crimping rolls a plain crimper is procured. Furnished with No. 975 standard.

No. 585. Diameter of beading rolls 1 15/16 inches, diameter of crimping rolls, 1 13/16 inches, width of crimp rolls 1¾ inches, width of bead rolls 1 inch, size of ogee bead ½ inch, ratio of gearing 3 to 1, distance between shaft centers 1¾ inches. Shipping wt., approximately 65 lbs. Each $35 00

CHICAGO

BENDING BRAKES



Shipment from Factory Only.

The construction is such that although the machines are strong and rigid they are light in weight. Steel is used throughout in their construction. The rated capacity is for mild steel sheets and for bending a flange of one inch or wider on sheets of full capacity. To secure additional leverage for bending heavy metal a steel angle extension is attached to the bending leaf Full length sheets can be worked by one man; one end is clamped on the mark and the other end of the sheet can be moved to the desired mark without disturbing the first mark. The balance is perfect to make easy and rapid operation. Bending edges are made of special hard alloy steel to withstand wear. Adjustable stop gauge is furnished.

No	Length	Cap'y, Gau.	Wt.	Each
1	12 ft., 1 in.	18	4300	$600 00
1B	10 ft., 1 in	14	3000	420 00
2	10 ft., 1 in	16	2500	350 00
2B	10 ft., 1 in	18	2100	300 00
2A	10 ft., 1 in	20	1800	270 00
2C	8 ft., 1 in	14	2000	300 00
3	8 ft., 1 in.	16	1500	225 00
4	8 ft., 1 in	18	1000	165 00
3B	6 ft., 1 in	16	1200	185 00
4B	6 ft., 1 in.	18	800	145 00
4C	5 ft., 1 in	18	750	130 00
5	4 ft., ½ in.	14	800	150 00
5B	3 ft., ½ in.	14	650	125 00
6	4 ft., ½ in.	16	500	115 00
6B	3 ft., ½ in	16	400	100 00

TELEPHONES

CHICAGO

Generator—Mechanically and electrically perfect, sturdy and powerful, and capable of generating a sufficient amount of current to ring through the heaviest loaded lines. The gear wheels are solid brass, made extra wide to insure strength and durability. The shunt springs are of nickel silver.

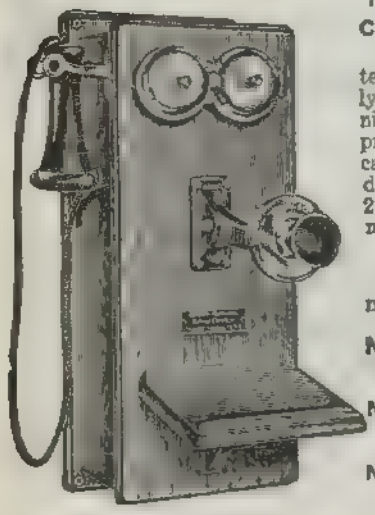
Transmitter—Latest improved solid back long distance transmitter. A transmitter of increased talking efficiency, excellent quality of articulation, clear and distinct tones. The carbon granulas used, are imported from France.

Receiver—Bi-polar receiver. Accurately and distinctly reproduces the tones of the human voice. All parts easily accessible and self-contained.

Switch Hook—Simple in design, positive in action, compact durable and reliable. The contact springs are of nickel silver with pure platinum contacts.

Ringer—Produces a clear, penetrating tone, and is noted for its sensitiveness even under unfavorable line conditions.

Lightning Arrester—The bi-polar lightning arrester is a part of the regular equipment of each telephone, and is a positive protection against damage by lightning.



"CHICAGO DE LUXE"
Compact Type—Bridging.

Improved design, quarter-sawed oak cabinet, highly polished finish; black and nickel trimmings. Space is provided in lower part of cabinet for two 2½x6 inch dry cells. Size cabinet 23x8x7 inches. (Prices do not include Batteries).

Style A.

Regular bridging code signal, party line instruments.

	Each
No. 18A—Five-bar generator; 1000-ohm ringer	$41 25
No. 19A—Five-bar generator; 1600-ohm ringer	41 25
No. 20A Five-bar generator; 2500-ohm ringer	41 79
No. 22A—Six-bar generator; 1600-ohm ringer	42 75
No. 23A—Six-bar generator; 2500-ohm ringer	43 35

Style B.

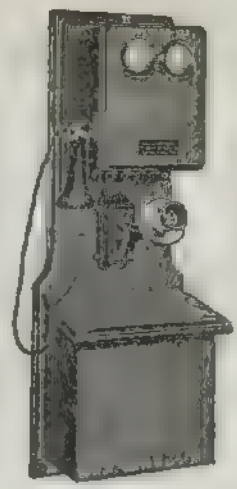
Equipped with low capacity condensers in secondary circuit. Will ring last telephone on line with receivers of every intermediate telephone removed.

	Each
No. 19B—Five-bar generator; 1600-ohm ringer	$42 75
No. 20B—Five-bar generator; 2500-ohm ringer	✦ 43 35
No. 22B—Six-bar generator; 1600-ohm ringer	✦ 44 25
No. 23B—Six-bar generator; 2500 ohm ringer	44 85

One in wood box; wt each 40 lbs.

✦F. O. B. Indiana Factory Only.

TELEPHONES



"CHICAGO WONDER"
Standard Type—Bridging.

Quarter sawed oak cabinet, highly polished finish; black and nickel trimmings. Space is provided in lower part of cabinet for batteries. Size cabinet 30x8x8 inches. (Prices do not include Batteries).

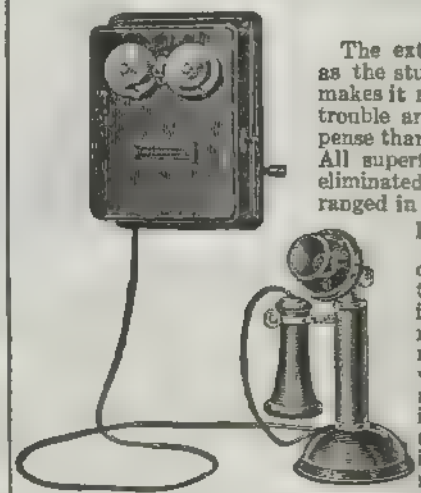
Style A.

Regular bridging code signal, party line instruments.

	Each
No. 34A—Five-bar generator; 1600-ohm ringer	✦$46 50

One in wood box; wt each 50 lbs.

"CHICAGO DESK SETS"
Bridging.



The extreme simplicity as well as the sturdiness of construction makes it no more susceptible to trouble and increased upkeep expense than the standard wall type. All superfluous parts have been eliminated and the equipment arranged in a way that makes every part instantly accessible.

The equipment is standardized. The same transmitter, receiver induction coil, generator, ringer and lightning arrester are used as in the wall types. The generator, ringer movement, induction coil and lightning arrester are mounted in a neat, compact magneto box, quarter-sawed, golden oak finish; nickel trimmed.

The desk stand is sturdily constructed so as to withstand rough usage. Mouth piece and receiver are of hard rubber; black enameled post; nickel plated base and transmitter.

Size box 8x5¾x4½ inches; size desk stand, diameter base 5¼ in.; height over all 11 inches. (Prices do not include Batteries).

	Each
No. 75A—Five-bar generator; 1600-ohm ringer	$45 00
No. 78A—Six-bar generator; 2500-ohm ringer	46 50

One in wood box; wt each 40 lbs.

Factory Guarantee on Chicago Telephones—A written guarantee and Insurance Policy accompanies every Chicago telephone. Any part or parts which prove defective through fault of the factory will be repaired or replaced free of charge without regard to date of purchase. This guarantee also protects the owner of the telephone from any and all kinds of repair expense and binds the Manufacturer to pay all such expenses (including the time and expense of the trouble man who makes any needed repairs), according to the terms and conditions of Trouble Insurance Policy.

✦F. O. B. Indiana Factory Only.

PUSH BUTTONS

Plate Type.

One piece solid back, satin brass finish; black composition center; narrow construction, for use on door frames. Length 3½ inches; width 1¼ inches.

No.	E-605
Less stand pkg, Per 100	65 64
Stand pkg, Per 100	52 50

50 in stand pkg; wt per 100, 7½ lbs. $35 00

High Voltage.

Shell turned from brass rod; phosphor bronze springs and contacts, condensite center. Requires ¾ inch hole. For all voltage up to 110 volts A. C. or D. C. Will pass up to 1½ amperes.

No.	E-85
Less stand pkg, Per 100	✚450 00
Stand pkg, per 100	✚360 00

10 in stand pkg; wt per 100, 19 lbs. $240 00

For Concealed Wiring.

Brass case, nickel plated; pearl center, easily removed for engraving purposes. Made with knife switch, self-cleaning sliding jaw contacts perfectly insulated.

Screw connections, no soldering necessary for installing. Diameter body ⅝ inch.

No.	E-620
Less std pkg, Per 100	73 14
Std pkg, Per 100	58 50

50 in std pkg; wt per 100, 2¼ lbs. $39 00

PENDANT PUSHES

Pear shape, plain maple wood, with white bone extension push. Length 2$^{29}/_{32}$ inches; diam 1⅜ inches.

No.	E-25526
Less than stand pkg, Per 100	$36 00
Stand Pkg, Per 100	32 40

25 in stand pkg; wt about 2 lbs.

FLOOR PUSHERS

Wrought brass plate, nickel plated; to be inserted in floor and operated by foot. Can be used under dining room table, under desk, or any other place where a floor push is desirable. Diameter plate 2 inches.

No.	E-25500
1 to 49, Per 100	$136 80
50 to 499, Per 100	123 15
500 or more, Per 100	110 85

Half doz in cardboard box with screws; wt per box 1 lb.

BURGLAR ALARM SPRINGS, EDWARDS

Open circuit type springs.

Nos.	28	34
Used for	Window	Door
Size plate, ins	2⅛x2⅛	2⅛x1½
Less stand pkg, Per 100	✚101 25	✚63 00
Stand pkg, Per 100	✚ 81 00	✚52 50

50 in stand pkg; wt per 100, 5½ lbs. $54 00 $35 00

BELL RINGING TRANSFORMERS

PORCELAIN

Low Voltage, For Alternating Current Cannot be used on Direct Current.

Porcelain case. No parts to get out of order, the windings are dipped in a compound and sealed in a moisture proof-case. Approved by the National Board of Fire Underwriters.

110 Volts, 60 Cycles—Secondary Voltage, 12.

No.	87
Volt capacity	8
Less than std pkg, Per 100	$290 64
Stand pkg, Per 100	232 50

50 in stand pkg; wt each 2 lbs.

✚F. O. B. New York Factory Only.

BELL RINGING TRANSFORMERS

National Code Standard.

3-WAY, For A. C. only, 60 Cycles.

Has three secondary terminals. This means that it can be connected to give six, eight or fourteen volts. This range will take care of everything up to heavy signal work. Does the work of ten dry cells.

The windings are dipped into an insulating compound that makes them moisture proof and cements them into a solid block. The whole is encased in sheet steel case. Makes a very suitable transformer for all occasions. Size 3⅝x2⅛x1¾ inches.

25 Watts, 110 Volts.

No.	1603
1 to 11, Each	$2 55
12 to 24, Each	2 40
25 or more, Each	2 25

One in cardboard box, with directions; wt each 2 lbs.

HEMCO

Moulded black bakelite case, damp and moisture proof. Requires no ground wire. Approved by the National Board of Fire Underwriters. Size 4¼x2⅝x1¾ inches.

Single Circuit, 110 Volts, 60 Cycles, Secondary Voltage 8

No.	221
1 to 9, Each	$2 70
10 to 19, Each	2 55
20 or more, Each	2 40

One in cardboard box; wt each 1¾ lbs.

JEFFERSON, Nucode.

Heavy steel case with knockout for drop cord, black enameled; mounted on 4 inch outlet box cover. Size case 2¼x2⅝x2¼ inches, projects from cover 2⅛ inches. 100-120 volts, 50-133 cycles, 25 watts.

No.	1605
1 to 11 Each	$2 40
12 to 24, Each	2 25
25 or more, Each	2 10

One in cardboard box; wt each 1⅜ lbs.

JEFFERSON

Wizard.

Heavy steel case, black enameled. Designed primarily for the average residence or small flat building. Small and compact for easy installation anywhere.

The secondary is 10 volts, which is sufficient to operate door bells, buzzers, annunciators, and door openers used in the above service. Size 2¼x2⅝x2⅛ inches, 100-120 volts, 50-133 cycle, 25 watts.

No.	1601
1 to 11, Each	$2 10
12 to 24, Each	1 95
25 or more, Each	1 80

One in cardboard box; wt each 1 lb.

3 Reasons Why Boys Want

SELLEY

Model Airplanes—

they *FLY* Featherweight and scale models alike are ***guaranteed to fly at least*** 75 to 300 feet.

they are ***EASY TO BUILD*** . . . Sold in ***semi-built*** construction sets with detailed plans and directions.

they are ***REALISTIC*** . . closest replicas of big ships that will actually fly.

YOU'LL want to stock Selley Parts and Supplies, too. Boys patronize stores that sell parts for models of their own design, and for replacement. Selley's complete line of standard parts fill every need of boy model builders and keep them coming back to your store the year 'round.

THAT'S why Selley Models bring REPEAT BUSINESS . . . the boy who builds one Selley Model wants to build them all.

Six models, from 75c to $7.50 retail. . . . Lark featherweight R.O.G.; scale models of Curtiss Ace, Bremen, Bellanca Columbia, Spirit of St. Louis, Stinson Detroiter Biplane. A complete line of featherweight models to be introduced in near future.

Selley Mfg. Co., Inc.
1377 Gates Avenue
Brooklyn, N. Y.

At
Chicago Toy Fair
Palmer House
Room 757
George Bathgate

HAPPINESS ON WHEELS

MAM-A-CAR Specialties

Excel in Beauty of Finish

One of the outstanding features of every number in the Mam-A-Car Line is the beautiful, modern finish.

This, combined with sturdy construction, makes for a standard of quality and utility that is unexcelled. Push the Mam-A-Car Line for real Spring and Summer profit.

No. 195 MAM-A-CAR

The famous Baby Walker that makes satisfied customers. Note these features, full sized back, hardwood seat especially designed to prevent bowlegs and rupture.

MAM-A-CAR CORPORATION
SALES OFFICE
200 FIFTH AVENUE NEW YORK
ROOM 305

Seiss
NOISE MAKERS

Cymbell

A combination Bell and Noise Maker It Rings and Shouts—using only one hand. Furnished in assorted colors—Red, Green nd Blue lacquer finish.

One Dozen, Packed in Paper Carton

Seiss Rooters

Loudest Fun and Toy Novelty. A miniature auto horn; a real loud noise-maker for all celebrations. Packed one dozen in a display container, and furnished in Plain Tin, Black and Orange, or assorted Red and Green.

Jingle Bells—Nos. 10 and 12

A perfect Miniature Cow Bell. A hit with the children and grown-ups. Finished in Brass Bronze lacquer with handle in bright Nickel. One dozen, packed in paper carton.

Advertising Bells

That ring their message with everlasting returns as a Favor, Premium or Souvenir. Advertisement is stamped into the metal—will never wear off. Finished in either Brass, Silver or Copper Bronze.

New Year Bells

Imprinted, "A Happy New Year," and finished in Brass Bronze lacquer. Packed one dozen in a paper carton.

No. 25 Cow Bell

A large Cow Bell in bright Copper Plate finish, with nickel Strap Holder. A big seller throughout the year. Packed one dozen in a paper carton.

No. 6 Tea Bell

This is a large size Dinner Bell in bright Nickel finish, with glossy black enameled wood handle. Packed one dozen in a paper carton.

No. 5 Tea Bells

Furnished assorted and is a big seller, for it is a good value. Bell is finished in bright Nickel with black enameled wood handle. Packed one dozen in a paper carton.

Nos. 1 and 2 Souvenir Bells

Used for attaching to Buttons, Canes, Umbrellas, etc., and furnished either in Brass, Silver or Copper Bronze lacquer finish.

Souvenir Trowels

Made of Solid Nickel Silver or either Brass in bright polished finish. Stamped with emblem or either plain. Handle in Mahogany finish. Packed in individual box with cotton.

The Seiss Manufacturing Co.
3845 Alexis Ave., Toledo, Ohio

CHRISTMAS Decorations

Write for Prices and Samples

The New Idea in Tree Decorations

Snow Drift and Tinsel Icicles

TINSEL ICICLES ARE PACKED IN

Beautiful Cut-out 5c, 10c and 25c Boxes

AND ON

5c and 10c Display Cards

Snowdrift in 10c Boxes

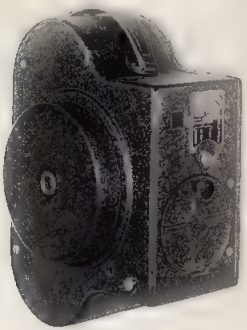
METAL GOODS CORP.
2400 N. 10th Street St. Louis, Mo.

Q. R. S. DE VRY MOVIE CAMERAS & PROJECTORS

A Popular Line at Popular Prices

A line of cameras and projectors that is efficient in every detail, at a price that makes it possible for anyone to own a movie outfit. Every De Vry Movie Camera and Projector is guaranteed for one year against any defects in material.

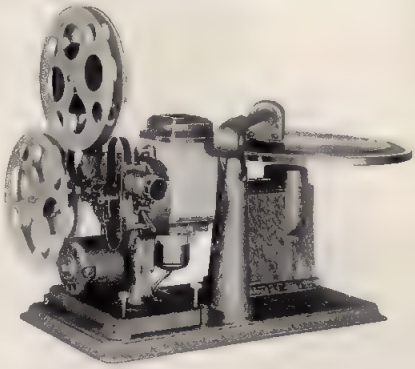
Prices are list, subject to wholesale discounts.



DE VRY Model B Camera

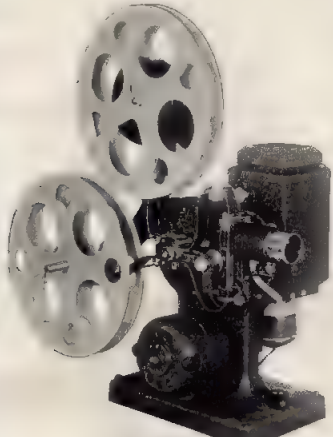
N8500 . . . . . $90.00
Takes amateur standard 16 mm. films in 50 or 100 ft. lengths. Equipped with Graf 3.4 Lens. Simple arrangement of loading film, fast and slow motion effects can be obtained by using hand crank provided; automatic spring motor; two finders—waist and eye-level, footage dial and tripod socket; color—black frostine, weighs approximately 6 pounds. Dimensions 9 x 6½ x 4½ inches.

N8501 Carrying Case for above $8.50
Black imitation leather with hand and shoulder strap. Strong and serviceable.



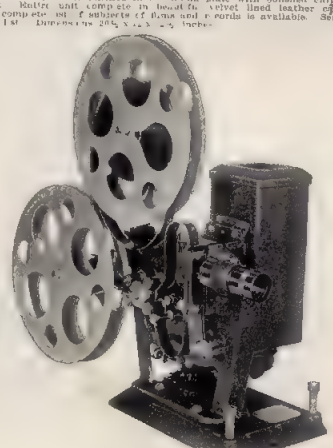
DE VRY Cinetone for Talking Pictures

N8502 . . . . . $425
The Cinetone consists of a motion picture projector connected to a phonograph in such a manner that positive synchronization is assured. The volume control is located in the supporting base of the turntable, while the leads may be attached to either an existing radio set or a special amplifier. A specially designed governor insures the utmost smoothness in operation. Latest type two-tone gold bronze. All moving parts heavily plated with chromium. Lamp house finished in chromium plate with polished chromium trimming. Built into complete unit of beautiful velvet lined leather carrying case. A complete list of subjects of films and records is available. Send for complete list. Dimensions 20½ x 8½ x 9½ inches.



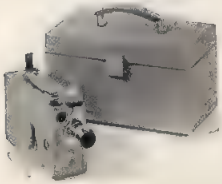
DE VRY Model G Projector

N8503 . . . . . $150
All metal construction—black lacquer finish, weight, seven pounds; universal motor operating on A.C. or D.C., positive white claw movement, five-watt controls adjustable speed, F2.5 50 mm. lens, interchangeable with other focal lengths, perfected optical system, rapid geared rewind, film idlers lock in position, lamp, equipped 200 Watt prefocus base—instantly interchangeable, framer (operates during projection), capacity 400 ft. equivalent of 1,600 ft. of standard 35 mm. film, safety stop-on-film prevents blistering, all moving parts heavily plated with chromium. Dimensions 11½ x 8½ x 11¼ inches.



DE VRY Model B Projector

N8504 Hand Driven Model $58
N8505 Motor Driven Model 80
Silent operation whether hand or motor driven; simple film threading action, positive self framing precision claw movement, equipped with 2 in. Graf focusing lens (interchangeable), quick accessibility to all parts; standard base 150 watt prefocus lamp, film can be rewound by hand crank or electric motor; equipped with automatic light trap which makes possible stop projection without injury to film. Dimensions 11 x 12 x . inches.



N8400 Ciné-Kodak, BB, f. 1.9. . $225
Ciné-Kodak, Model BB, f 1.9, is small and light. 50 ft. film capacity. Spring motor driven. Built-in exposure guide. Waist and eye finders. Footage indicator. Half speed adjustment. Supplied in blue, gray, brown, or black with carrying case to match. Please specify color. Size 8⅜ x 2 1/16 x 4 13/16 inches. **Retail price $140.**

N8403 Ciné-Kodak, BB, f. 3.5 . $120
Except for lens equipment, this camera is the same as the model BB, f 1.9 above. It is equipped with the Kodak Anastigmat f 3.5 lens. Ciné-Kodak, Model BB, f. 3.5 is offered in black only. It will appeal to those who desire a small, easily carried and moderately-priced high-quality movie camera. Size 7½ x 3 7/16 x 4 11/16 inches. **Retail price $75.**

CINÉ-KODAKS

Prices are list, subject to wholesale discounts.

HOME movie-making is one of the most fascinating sports ever devised, and is creating large volumes of business for those who stock the equipment. Yet movie-making is more than a sport—it is a means of preserving for the future precious moments, happy events. It is a means of capturing in motion the outstanding events of one's life and the lives of loved ones, so that they may happen on the home screen as often as desired.

To make home movies, one has only to sight the subject in the finder and press the lever. That's all there is to it, and the action before the lens is being recorded for all time on a thin strip of film. With the Kodascope Projector it is possible to show those movies on the home screen just as easily as they were made with the Ciné-Kodak. One merely snaps the electric switch and the screen leaps to life with the movies.

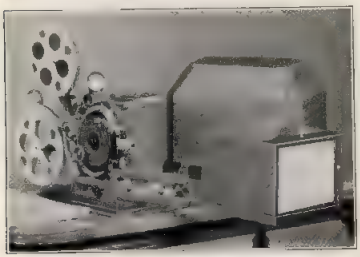
In addition to films of one's own making, there are available Kodak Cinegraphs of comedy, travel and cartoons and professional photoplays of full theater length. Write for complete list.

Once a store is established as home movie headquarters with a good representation of the Eastman line profitable trade will result.

Send for Complete Catalog
of Ciné Kodaks.

N8401 Ciné-Kodak, B, f. 1.9, in color with case $225
N8402 Ciné-Kodak, B, f. 1.9, black, without case $240
Ciné-Kodak, Model B, f. 1.9, has all the features of the model BB, f. 1.9, except for the latter's half speed feature. It is larger and will accommodate the 100-foot or 50-foot roll. Available in gray, brown or black with carrying case to match, or in black. Size 9⅝ x 3 1/16 x 5 9/16 inches. Please specify color.

N8404 Ciné-Kodak, B, f. 3.5 . $135
This camera, except for lens equipment, is identical with the Model B f 1.9, in black. It is equipped with Kodak Anastigmat f 3.5 lens which is fast enough for all ordinary purposes, and has a special portrait attachment for close up movies. It will take either the 50-foot or 100-foot roll of Ciné-Kodak film and is the ideal hand movie camera. Size 8 13/16 x 3 3/16 x 5 9/16 inches. Supplied in black only. **Retail price $85.**



The Library Kodascope set up on a table—opened and ready for use. Size 10¼ x 7½ x 9¼ inches.

N8405 Complete Library Kodascope $475
The Library Kodascope represents the ultimate in home movie projectors. It combines an exquisite piece of furniture with a home movie projector of the highest excellence. Briefly, the Library Kodascope consists of the justly-famed Model B Kodascope Projector, a handsome walnut case, a self-contained screen and one-inch and two-inch projection lenses, together with a 400-foot aluminum reel, spare lamp, connecting cord, splicing outfit and oiling equipment—everything that is necessary for a "de luxe" home movie program. **Retail price $390.**

BONSERS to Retail for 25c

I AM A BONSER DOLL

No. 118

In individual display boxes 10" long.

No. 118 Soft Doll. Stockinet body in bright colors, knit cap to match

No. 15 Rattle Doll. Composition heads and soft bodies in attractive colors.

No. 15

Ask Your Jobber for Samples

\+ + +

BONSER PRODUCTS, Inc.
Mineola, New York

Sensational PLAY-SPEED-BUOY

No. 100 Play Speed Buoy

Consists of a wood canoe-shaped frame with adjustable seat attached. To be mounted on an inner tube for safety of child's play in water. Easy to carry around when tube is deflated.

Visit Our Display
Room 428, Hotel McAlpin, New York City

THE FOX TOY COMPANY
BEREA, OHIO

Something New!

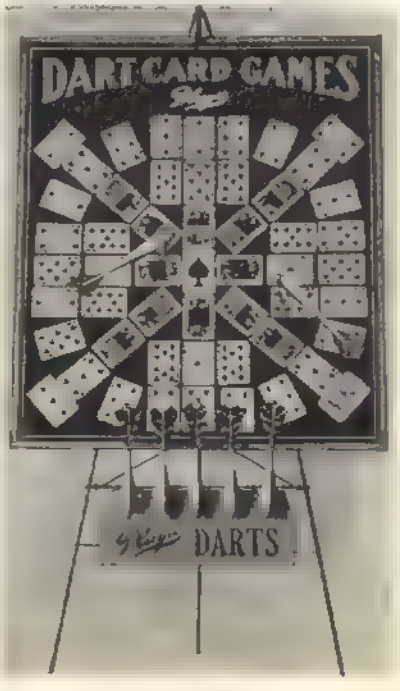
STARK'S BALL GUN

The
"BIG SHOT"
In Toys

It is a big, rugged, handsome gun. Finished in bright red and comes complete with a soft red rubber ball. Absolutely safe and harmless.

Made in two sizes—Retails 50c and $1.00

THE FORREST MFG. CO.
8116 Lake Ave. Cleveland, Ohio



GAME consists of 1 heavy cardboard mount with a beautiful colored label, size 16 x 19". 1 complete pack playing cards, 1-36" iron green enameled folding stand, 5 feathered needle pointed darts. Packed complete in box – one dozen in shipping carton.

Price, $18.00 per dozen, F.O.B. New York

Direct Toy Sales Corp.
215 Fourth Ave. New York

LINES WORTH KNOWING

You Owe It to Yourself to Get Acquainted with Them

"LIALLA" Dolls

Lovely new faces. Original costumes. Both are sure to please your customers. A real quality line produced by careful workmanship.

"QUAKER" Stuffed Toys

A fine line that has pleased all buyers who have seen it. A good value. Has excellent sales appeal for the public.

In both of these lines we are giving buyers the best quality at the lowest price We want to give you satisfaction and profits, because we are building a strong business foundation for the years to come as well as for the present. "There is a reason." Come in and see for yourself, or write for samples.

PENN STUFFED TOY CO., Inc.

Factory and Showrooms
9094 Grand St., New York

A Sparkling New Christmas Tree Tip

Patented in U. S. and Canada

Can Be Sold and Used With or Without Lights

ALL METAL
NON-BREAKABLE
GLITTERING, SPARKLING
ORNAMENT

Adds Immensely to the Appearance of the Tree

Sample and Prices on Request

SCHWAB STAMPING CO.
1024 Somers Street
MILWAUKEE WISCONSIN

No. 14—Longflight Glider 75c

The Jack Loughner Line of Balsa Wood Airplanes

COMPLETELY ASSEMBLED at prices from 75c to $3.50. We offer the balsa wood type model ready to fly at these remarkable prices.

RECORD FLIGHTS. Our planes are scientifically designed by Jack Loughner, National Model Airplane Champion for three years. Boys want contest winners.

YEAR ROUND SELLERS. The light weight slow flight balsa airplane flies indoors as well as outside.

MICHIGAN MODEL AIRPLANE SUPPLY CO.
4768 Grand River Detroit, Mich.

Three Novelty Balls of Pyralin--Beautifully Decorated

"CRYING BAWL": Cries lustily as it rolls.

"WATER BAWL": Everybody wonders how the water and floating fish got in and why they can't get out.

"BOUNCING DURABALL": New process of manufacture gives it a real snappy bounce.

Patented No. 1337758 Patented No. 1708841

Manufactured by
ARTHUR V. DA COSTA, 12 Beverly St., Providence, R. I.

WRENCHES

COES' GENUINE

Knife Handle. Black.

Made of special analysis steel, with bearing or wearing surface hardened.

In.	6	8	10
Opens, in.	¾	1 1/16	1⅝
Wt. doz., lbs	10½	18	28½
Doz.	$15 00	18 00	22 00
In.	12	15	
Opens, in.	2 3/16	2 1/2	
Wt. doz., lbs.	44	62	
Doz.	$28 00	38 00	
In.	18	21	
Opens, in.	3⅛	4	
Wt. doz., lbs.	86	117	
Doz.	$48 00	58 00	

COES' GENUINE

Steel Handle. Black.

Made of special analysis steel, with bearing or wearing surfaces hardened.

In.	8	10	
Opens, in.	1 1/16	1⅝	
Wt. doz., lbs.	18	28½	
Doz.	$18 00	22 00	
In.	12	15	
Opens, in.	2 3/16	2 1/2	
Wt. doz., lbs.	44	62	
Doz.	$28 00	38 00	
In.	18	21	
Opens, in.	3⅛	4	
Wt. doz., lbs.	86	117	
Doz.	$48 00	58 00	

All above, 6 to 12 inch, 15 and 18 inch, ⅛ dozen; 21 inch 1/12 dozen in a package

COES' KEY MODEL

Steel Handle. Black.

Made entirely of steel forgings, with all working or wearing parts hardened.

In.	28	36
Opens, in.	5⅛	6¼
Wt each, lbs.	19	27
Each	$18 00	38 00

Open stock.

WRENCHES

AGRICULTURAL

Black.

Forged steel head, bar and shank; machine cut adjusting screw, with knurled head; one piece polished hardwood handle.

In.	6	8
Opens, in.	⅞	1¼
Wt. doz., lbs.	8¾	15½
Doz.	$10 00	12 00
In.	10	12
Opens, in.	1¾	2¼
Wt. doz., lbs.	22	27
Doz.	$14 00	18 00

Half dozen in a package.

CRESCENT

REGULAR ADJUSTABLE

Handle drop forged from best carbon steel, hardened all over; movable jaw made from special alloy steel.

Adjustable, 22½ degree angle. Will go into small spaces; especially useful for engineers, machinists, and around automobiles and all kinds of machinery. Full polished except web in handle, which is black finish; polished knurled adjusting screw

Length, in.	4	6	8	10
Capacity, in.	½	¾	15/16	1⅛
Wt. doz., lbs.	1½	4	7½	13½
Doz.	$9 00	9 00	12 00	13 20
Length, in.	12	15	18	
Capacity, in.	1 5/16	1 11/16	2 1/16	
Wt. doz. lbs.	24	52	84	
Doz.	$21 00	30 00	42 00	

One in a box.

DOUBLE END ADJUSTABLE

Sizes	4-6	6-8
Capacity, in.	½-¾	¾-15/16
Wt. doz., lbs.	4½	8¼
Doz.	$15 60	18 00
Sizes	8-10	10-12
Capacity, in.	15/16-1⅛	1⅛-1 5/16
Wt. doz., lbs.	14¼	27
Doz.	$21 00	29 00

One in a box.

WRENCHES

CRESCENT

ASSORTMENTS

Consists of six 6-inch and six 8-inch genuine Crescent wrenches, three of each size mounted on a card, remainder packed in individual cartons. Display board, 8½x11 inches

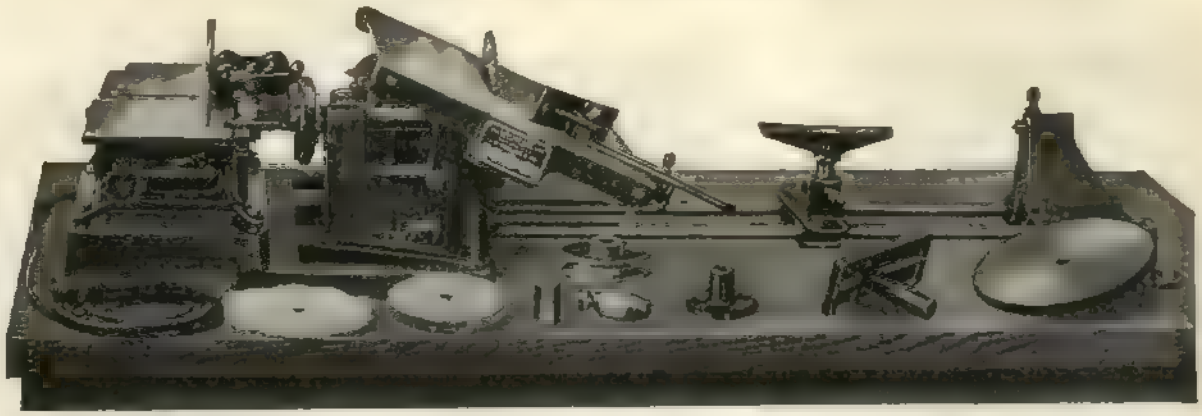
No. DB9 Asst. Wt. 6½ lbs..Assmt. **$10 00**

The display board is made of quartered oak. Pictures are shown on each board, illustrating the wrenches in full size; size of board 25x25 inches. Contains the following Crescent Wrenches:

6 only	4 in.	Each	$0 65
12 only,	6 in.	Each	65
12 only,	8 in.	Each	80
6 only,	10 in.	Each	1 00
3 only,	12 in.	Each	1 50
1 only,	15 in.	Each	2 25
1 only,	18 in.	Each	3 25
6 only,	6- 8 in.	Each	1 25
3 only,	8-10 in.	Each	1 50

No. DB5 Asst. Wt., 75 lbs...Each **$49 30**

ELECTRIC WOODWORKER
WORKACE



This 5-foot shop includes a 4 inch planer, 8 inch circular saw, 6x36 inch lathe, 8 inch disc sander, 6 inch buffer, 5 inch grinder, ¼ inch drill and chuck, and a ½ H. P. General Electric motor, endless "V" belt, two separate pulleys, rust iron base and 10 feet of cord, and saparable plug

The motor, a General Electric ½ H. P. constant speed type, 110 volts, which will operate from the ordinary electric lighting circuit. The lathe is of the latest type construction, heavy steel rods which are ground to .001, assuring quick adjustment and secure fit of the tool rest and rail stock. When using the lathe the saw spindle and blade are removed and either the screw chuck or the spur center mounted on the saw arbor

When the grinding attachments or sanding attachments are used these are mounted on the saw arbor and the tool rests on work table shown is used in connection with the lathe tool rest holders for convenience in working. The drill chuck is also mounted on the saw arbor when used, so is the buffing wheel. The change is quickly and easily made.

The Workace Electric Woodworker will help the man and the boy of the house to enjoy their hobby, and to make the necessary items for the home. It is an inexpensive and very efficient unit for commercial purposes and we invite your close inspection to this clever and efficient tool.

Workace Woodworker. Complete as described above. Net wt., 145 lbs. Shipping wt., 165 lbs. .....Each **$95 00**

ELECTRIC SHAPER
WORKACE

A popular priced shaper, up to the minute in design with direct drive—no belts to slip and waste power and to replace. The Workace shaper is provided with a direct, positive, powerful economical drive. 10,000 R. P. M. no load speed. Take the Workace Shaper where it will be convenient for the work—save steps. Stands securely without fastening. Smooth running.

Ball Bearing. Design prevents oil reaching motor; excess oil thrown into drain by slinger below bearing.

Adjustable Table; table mounted on screw. Locks securely, by hand wheel.

Husky steel shaft equipped with two grooved shaper collars, four spacing collars and locking nut. Spindle locked by inserting pin in hole thru housing and spindle (pin placed by convenient pocket when not used, as shown)

Capacity, between shaper collars 2½ inches; using solid cutters 3¼ inches.

General Electric, universal motor. Can be used where light socket is available, 110 volts; operates with equal efficiency on D. C. or A. C., any cycle 25 to 60, single phase

Air cooled. Fan draws air thru base, expells at top of motor. Increases efficiency

The Workace Electric Shaper is a product of J. D. Wallace & Company, specialists in portable woodworking machinery. All parts guaranteed against defect in workmanship nd material for one year.

Specifications.

Diameter of Table	16 in.
Diameter of Base	16 in.
Height of Table	13 in.
Table, adjustment range	1½ in
Speed, no load, R.P.M.	10,000
Spindle, steel, diameter	⅝ in.
Shaper Collars (2) grooved, steel, dia. 2 in. thickness	⅝ in.
Spacing Collars (4) thickness	½ in
Motor universal type, conservative rating	½ H.P.

10 foot lamp cord, and saparable plug furnished.

Workace Shaper. 110 volts. Net wt 42 lbs. ship. wt 80 lbs. .....Each **$100 00**

GUARD AND FENCE

Extra Equipment for Workace Electric Shaper. Each $11 00

WRENCHES

Coe—Knife Handle

Forged tool steel; case hardened jaws; shank extends through to end of handle; polished malleable iron ferrules; varnished hardwood grips riveted to handle with heavy iron rivets; knurled steel adjusting screw.

NO.	Length	Open	Wt. Doz.	DOZEN
1-8	8 in.	1¼ in.	16 lb.	$18.00
1-10	10 in.	2¼ in.	25 lb.	22.00
1-12	12 in.	2½ in.	38 lb.	28.00
1-15	15 in.	2⅞ in.	53 lb.	38.00
1-18	18 in.	3¼ in.	80 lb.	48.00
1-21	21 in.	4⅛ in.	105 lb.	58.00

6 to 12 in., one-half doz. in box; 15 to 18 in., one-third doz. in box; 21 in., one-twelfth doz. in box.

Coe—Steel Handle

Forged steel bar and screw; solid steel jaws and strap, bolster; cast steel handle, strongly cross riveted to bar; knurled steel adjusting screw.

NO.	Length	Open	Wt. Doz.	DOZEN
2-8	8 in.	1¼ in.	17 lb.	$18.00
2-10	10 in.	1⅞ in.	26 lb.	22.00
2-12	12 in.	2¼ in.	43 lb.	28.00
2-15	15 in.	2⅞ in.	62 lb.	38.00
2-18	18 2n.	3¼ in.	89 lb.	48 00
2-21	21 in.	4⅛ in	121 lb.	58 00

4 to 12 in., one-half doz. in box, 15 to 18 in., one-third doz. in box, 21 in., one-twelfth doz. in box.

Coe—Key Model

Drop forged from tool steel; hardened natural finish head; jaws and handle extra heavy in every part; does not batter or jam large nuts; holds anything within opening capacity, whether square or hexagon, without slipping.

NO.	Length	Capacity	Wt. Each	EACH
95-28	28 in.	5¼ in.	15 lb.	$18.00
95-36	36 in.	6¼ in.	25 lb.	38.00

One in a box.

Pexto Stronghold—Knife Handle

The bar is forged solid of one piece of a special grade steel, while the handle frame is of tough malleable iron. The grips are of selected hardwood, riveted through the frame and bar. Rivets headed over countersunk washers. Fully guaranteed to withstand hardest usage. Black finish.

NO.	Length	Opens	Wt. Doz.	DOZEN
25K-8	8 in.	1¼ in.	16 lb.	$24.00
25K-10	10 in.	1⅞ in.	25 lb.	28.00
25K-12	12 in.	2¼ in.	40 lb.	36.00

6 to 12 in., one-half doz. in box; 15 to 18 in., one-third doz. in box; 21 in., one-twelfth doz. in box.

AGRICULTURAL WRENCHES

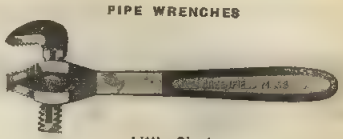
Wrought Bar

Wrought iron bar, head and screw; oil finished; hardwood handle.

NO.	Length	Opens	Wt. Doz.	DOZEN
15-6	6 in.	¾ in.	8¼ lb.	$10 00
15-8	8 in.	1¼ in.	14½ lb.	12 00
15-10	10 in.	1⅝ in.	22 lb.	14 00
15-12	12 in.	2¼ in.	26 lb.	18.00
15-15	15 in.	2⅝ in.	40 lb.	24 00

6 to 12 in., one-half doz. in box; 15 to 18 in., one-third doz. in box

PIPE WRENCHES



Little Giant

While just as efficient for any service as the ordinary pipe wrench, the open-end design of the Little Giant makes it particularly adaptable for use close to walls or ceilings and in many other places hard to get at with the ordinary pipe wrench. Reversible jaws double length of life. All metal, hardened and polished jaws.

NO.	Length	Wt. Doz.	EACH
LG-8	8 in.	14 lb.	$2.20
LG-10	10 in.	17 lb.	2 85
LG-14	14 in.	24 lb.	3.85
LG-18	18 in.	30 lb.	5 50

One-half dozen in box.

M

PIPE WRENCHES

GENUINE STILLSON

Drop forged tool steel polished shank frame and hardened jaws, frame fastened to jaw by movable steel pin. Jaw adjusted by steel nut. Shank extends through ferrule and handle and screws in cap at end.

Master Stillson—Wood Handle

NO.—Lgth	For Pipe	Wt. Each	EACH
GSW-6	⅛ to ¼ in.	½ lb.	$2.00
GSW-8	¼ to ⅝ in.	¾ lb.	2.30
GSW-10	⅜ to 1 in.	1½ lb.	3.15
GSW-14	½ to 1¼ in.	3 lb.	4.25

Master Stillson—Steel Handle

NO.—Lgth	For Pipe	Wt. Each	EACH
GSS-6	⅛ to ½	½	$1 90
GSS-8	⅛ to ¾	¾	2 20
GSS-10	⅛ to 1	1½	2 85
GSS-14	⅛ to 1½	3	3.85
GSS-18	⅛ to 2	4½	5.50
GSS-24	⅛ to 2½	8	8 50
GSS-36	⅛ to 3½	15	15 00
GSS-48	1 to 5	24	25 00

Up to 18-in., six in a box, 24 to 48-in., packed in bulk.

STILLSON PATTERN

Pexto—Wood Handle

Drop forged steel; wood handle. Full polished head and jaws.

NO.—Lgth	For Pipe	Wt. Each	EACH
20W-6	⅛ to ¼ in.	½ lb.	$ 2.00
20W-8	⅛ to ⅝ in.	¾ lb	2.30
20W-10	⅛ to 1 in.	1½ lb.	3 15
20W-12	⅛ to 1½ in.	2½ lb	3 60
20W-14	⅛ to 1½ in.	3 lb.	4.25

One-half dozen in a wooden box.

Pexto—Steel Handle

Drop forged steel, one piece steel handle.

NO Lgth	For Pipe	Wt. Each	EACH
208-6	⅛ to ¼ in	½ lb.	$1.00
208-8	⅛ to ⅜ in.	¾ lb.	2 20
208-10	⅛ to 1 in.	1½ lb.	2.85
208-14	⅛ to 1½ in.	3 lb.	3.85
208-18	⅛ to 2 in.	4½ lb.	5.50
208-24	⅛ to 2½ in	8 lb.	8 50
208-36	⅛ to 3½ in.	15 lb.	15.00
208-48	1 to 6 in.	24 lb.	25 00

Packed as wanted.

PARTS FOR GENUINE STILLSON AND STILLSON PATTERN

Nut Frame Jaw

For Wrench	Nuts EACH	Frames EACH	Jaws EACH
6 in.	$0.15	$0.45	$0.65
8 in.	.15	.55	.70
10 in.	.20	.70	1.10
12 in.	.30	.60	1.00
14 in.	.30	.80	1.50
18 in.	.35	.95	2.15
24 in.	.55	1.75	3.60
36 in.	1 10	2.75	6.70
48 in.	2.00	3.50	9.00

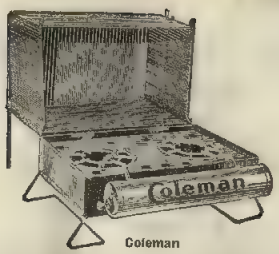
PIPE WRENCHES

Lawson

All drop forged from a high grade of steel. Movable jaw housing forged solid with the handle. Because it has an angle handle this wrench is adaptable to many positions. Has access to pipes lying close to floors, etc

NO	lb Each	EACH
5-8	1	$2.25
5-10	1¾	2 50
5-14	3¼	3 50
5-18	5¼	5.00
5-24	8	7.25

CAMP STOVES



Coleman

Folds into one package, everythinig inside, oven and all. Suit case style with strong handle. The lid folded back makes a handy shelf. If wind is blowing raise lid and sides for protecting burners. The main features are the quick hot blast starter, built in pump, built in oven and wind baffle. Tank always connected and swings on swivel hinges and turns inside when folded.

NO.	Size Folded	Wt. Each	EACH
2D	18½x11½x4 in.	18½ lb	$12.50

One in a carton.

Coleman

A compact, sturdy stove, built to stand hard camp life and give good service.

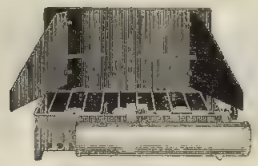
NO.	Size Folded	Wt. Each	EACH
9D	18½x11½x4 in.	13 lb	$9.00

CAMP STOVE STANDS

Fits all Coleman camp stoves.

NO.	Size Folded	Wt. Each	EACH
1	2x2x17 in.	3 lb	$2.40

One in a carton



Gypy—Coleman

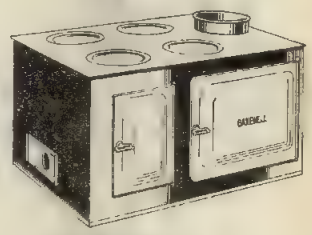
A compact, serviceable low-priced stove. Large built-in wind baffles. Steel wire grate, cast iron burner caps. Easily removable tank. Burner box of sheet metal.

NO.	Size Folded In.	lb Each	EACH
10	4x9½x16½	12	$6.75

Kerogas

The ideal cooking apparatus for use in the open along trails, touring or camping. Always ready for service, rain or shine. Kerogas burner generates gas from kerosene, which affords a powerful blue gas flame. Circular body built higher than grate, with opening in front only, protecting the flame from false drafts or wind. Staunch steel body and legs will support great weight. Height 13½ in. Diameter 10½ in

NO.	Wt. Each	EACH
19	11 lb	$8 00



Sheet Steel—Flat Top

Strong and well-made of cold rolled sheet steel with heavy steel hinges and latches; 4-inch pipe collar. Has large perfect baking oven.

NO.	Hole	Size In.	Ht. In	lb Each	EACH
132	2	12x23	12	14	$3.50
134	4	15x23	12	18	5.00

Cast iron top. Otherwise same as No. 134.

136	4	16x22	12	36	$12 00

Packed as wanted.

CAMP GRATES

Simplex—Lacquered

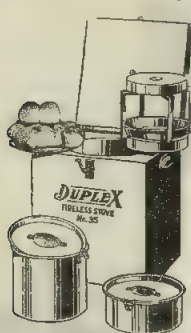
Made of heavy aluminized wire; ¾-in. wire legs. The cross wires of No. 1 made of No. 11 wire; of No. 2, made of No. 8. The cross wires are electrically welded to side wires and center brace.

NO.	Size	Wt. Doz.	DOZEN
1A	10x14 in.	25 lb.	$ 9.00
2A	13x22 in.	45 lb.	15.00

G FIRELESS COOKERS

In the Duplex Fireless Cookers the construction is such that a whole meal may be cooked either for a large or a small family. They have deep wells with large cooking capacity, automatic steam vents. The heating units are stone discs. They have aluminum linings throughout, and are equipped with aluminum vessels, baking racks, legs.

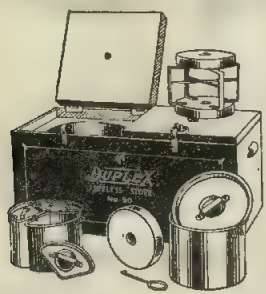
All Duplex Cookers are furnished with legs at same price.



Single well capacity, one 8 and one 4 qt. vessel and one baking and roasting disc, lifter, folding baking rack, aluminum mat and steel legs.

No. Wells	Lgth. In.	Wd. In.	Ht. In.	Size Wells In.
1	16	15	19	13¼x10¼

NO.	lb Each	EACH
35	75	$25.00



Two well capacity, one 8 and three ¾ round 2-qt. vessels, three baking and roasting discs, disc lifter, folding baking rack, aluminum mat and steel legs.

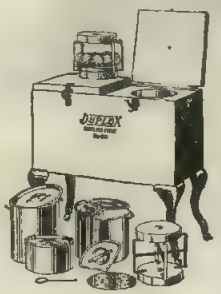
No. Wells	Lgth. In.	Wd. In.	Ht. In.	Size Wells In.
2	30	15	16	10¼x10¼

NO.	lb Each	EACH
50	105	$38 50

Two well capacity, one 12, one 4 and two 2-qt. vessels, three baking and roasting discs, disc lifter, folding baking rack, aluminum mat and steel legs.

No Wells	Lgth. In.	Wd. In.	Ht. In.	Size Wells In.
2	30	15	19	13¼x10¼—13¼x8¾

NO.	lb Each	EACH
55	112	$41.00



Three well capacity, one 12, and 8, one 4-qt. (shallow) vessels, four large baking and roasting discs, disc lifter, two folding baking racks, aluminum mat and steel legs.

No. Wells	Lgth. In.	Wd. In.	Ht. In.	Size Wells In.
3	40	15	19	(2) 13¼x9¼—13¼x8¾

NO.	lb Each	EACH
75	172	$ 58.50

A new cooker that is equally as valuable on a camping trip or picnic as it is in a home. Equipped with one 4-qt., one 2-qt. baking dish, one large soapstone disc, disc lifter, aluminum mat and Duplex cook book.

NO.	Size In.	EACH
0	12x14	$13.00

Extra Cast Iron Legs

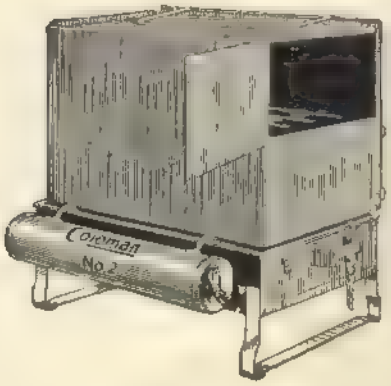
NO.		EACH
10	Set of 4	$5.00

Extra Soapstone Discs

NO.		EACH
11	For all Cookers	$2.75

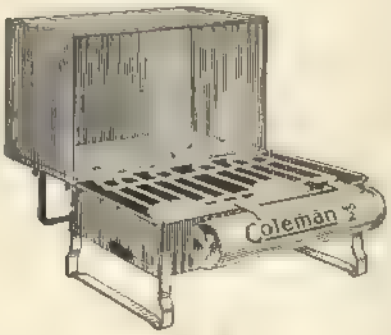
GASOLINE CAMP STOVES

COLEMAN



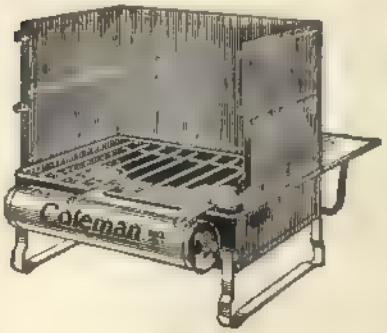
No. 2D

Showing built-in folding oven set up.



No. 2D

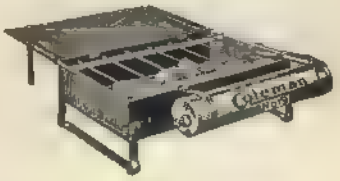
Showing oven tipped back to make warming cabinet to keep food hot while making coffee.



No 2D

Showing wind break set up.

No. 2D. With built-in oven, drum heater, warming cabinet and wind baffle, hot blast pre-heater and self-cleaning generator; it is complete, a miniature kitchen range; oven when set up makes a dandy drum heater for tent or cabin. Wt.ea.20 lbs..Each **$12 50**



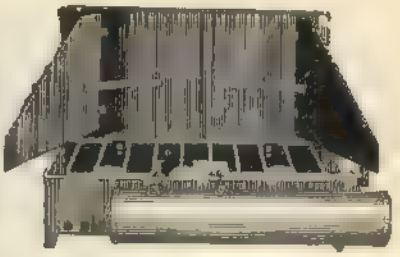
No. 9D.

With wind baffle folded, the lid forming a handy shelf.

No. 9D.

Wind baffle set up, surrounds grate on three sides.

No. 9D. With large built-in folding wind baffle; built-in pump and hot-blast generator; detachable fuel tank combined with generator in single unit construction and hinged grate. Wt. ea. 18½ lbs. .....Each **$9 00**



No. 10 Gypsy. Supplies a demand for a compact serviceable, **low priced** stove. Designed and built especially for use on picnics and week-end outings, short vacation trips, etc., but will give good service on extended trips...Each **$6 75**

Showing No. 2D or 9D folded like a suit case, 18½x11¼x4 inches.

FOLDING HIGH STANDS

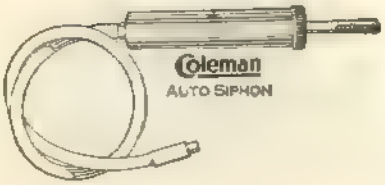
No. HS10. Folding High Stand Adjustable for all models of Coleman Camp Stoves and most all other standard makes; folds up to 2½x2x26½ inches. Wt., about 7½ lbs. Each **$2 40**

COLEMAN CAMP STOVE PARTS

FOR MODELS NO. 2D AND 9D

No. 2CS8. Generator Rolled Screens. Each **$0 06**
No. 2CS9. Pump Leathers.2 for **15**
No. 2C17. Pump Plunger ..Each **45**
No.2D18. GasTip andHolder.Each **18**
No. CSTC. Cleaning Needle with Tube .....2 for **15**
No. 2CS23. Three-piece Burner Cap and Bolt .....Each **60**
No 2D26. BurnerCasting only.Each **1 80**
No. 2D28. Auxiliary Valve Core with Stem and Nut .....Each **60**
No. CS36. Filler Plug Gasket.2 for **99**
No. 2C32. Pump Air Stem..Each **30**
No. CS56. Generator Valve Stem with Nut .....Each **45**
No. 2D62. Gen'r'tr complete..Each **1 20**
No CS64. Filler Plug ....Each **36**
No. 2D65. Tank Complete with Feed Wire .....Each **4 80**
No. 2D66. Tank and Generator complete .....Each **6 00**
No. 2D71. Feed Wire and Connections .....Each **36**

GASOLINE SYPHONS



Nickel Plated Brass Barrel.

With 34 Inch Gasoline Hose.

For drawing gasoline from automobile supply tank for filling camp stoves, lamps, etc.; for filling automobile vacuum tanks; to operate simply insert hose in gasoline tank, pull out plunger and gasoline begins to flow

Gasoline Syphon. Wt. doz., 5 lbs. ..... Dozen **$12 00**

CAMP STOVES

Common.

Smooth Top. No Holes.

Made of No. 28 gauge sheet steel throughout.

No. 2C. Length, 21¼ inches; width, 12½ inches; height, 10¼ inches; oven, 12½x10x5½ inches; fire box, 12½x10x9 ins. Ship. wt. each, 10¾ lbs. Each **$2 50**

No. 4C. Length, 21¼ inches; width, 16½ inches; height, 10¼ inches; oven, 16½x10x5½ inches; fire box, 16½x10x9 ins. Ship. wt. each, 13 lbs. Each **$3 00**

Three in a crate.

CAMP STOVES

Cast Top.

Body made of 24 gauge sheet steel; cast iron top with 4 holes; back of fire box double construction and asbestos lined.

4 Hole. Length, 24½ inches; width, 16 inches; height, 10¼ inches; oven, 13¾x10x6 inches; fire box, 13¾x10½-x10 inches. Shipping wt. each, 32½ lbs. .....Each **$10 00**

Two in a crate.

CAMP STOVE PIPE

TELESCOPE

Made in six 12-inch sections which telescope. When extended, pipe is 6 feet long and fits a 5-inch collar.

Telescope Pipe. Wt. set, 5 lbs. Set **$1 50**

NOTE: All our camp stoves are made to use 5 inch stove pipe.

FOLDING CAMP STOVES OR GRIDS

Tinned Bar Top with Sides.

Shield protects the fire from the wind. Cooking may be done much faster than on an open fire as all the heat is retained; can be set up securely and taken down instantly; folds up into the size of the top surface and about one inch thick; it is a substantial stove, made of sheet iron with a wire top.

No. 692. Size top, 12x20 inches. Wt doz. 55½ lbs. .....Dozen **$24 00**

CAMP GRATES GRIDS OR BROILERS

Folding.

Retinned Wire.

No. 401. 12x24 inches; No. 2 wire in frame, No. 6 wire in bars, No. 1 wire in legs. Wt. doz. 52 lbs.....Dozen **$18 00**

Quarter dozen in a package.

COAL OIL STOVES

OPTIMUS

Roaring Burner. For Outdoor Use.

Container is made entirely of polished brass; wickless blue flame; the coal oil is turned to gas under pressure and burns with an intense hot flame; easily knocked down for packing.

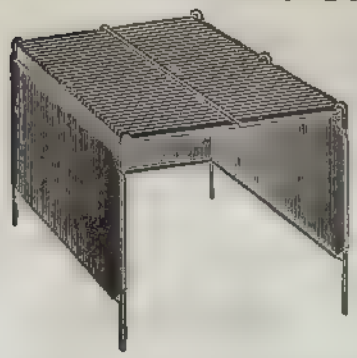
No. 45. Wt., 2⅜ lbs.....Each **$8 00**

Silent Burner. For Indoor Use.

Container is made entirely of polished brass; wickless blue flame; the coal oil is turned to gas under pressure and burns with an intensely hot flame; easily knocked down for packing.

No. 48. Wt., 2⅜ lbs.....Each **$8 00**

CAMP STOVES



SUPERIOR

Heavy steel wire frame; top reinforced by heavy bar which prevents warping or sagging; all joints welded. Sheet metal windshield attached on three sides, lacquer finish. Folds neat and compact.

Each

No. D317 — Size cooking surface 12x20 ins..... **$4 20**

Packed loose; wt each 5 lbs.

KEROGAS

Burners Same as Used in Blue Ribbon Oil Stoves.

Steel body and legs, black enameled Kerogas burner drawn from one piece brass. Burner drum mixes large quantity of air with gas, burns kerosene and produces an intensely hot flame; blue porcelain enamel finish. Leaded steel fount, filler hole has tube extension of 1½ inches with plug.

Each

No. D119—Tank capacity 1 qt; height 13½ ins; diam 10½ ins..... **$12 45**

One in carton; wt each 11 lbs.

COLEMAN, GYPSY

Double Burner.

Heavy sheet steel frame, black baked enamel. Single unit construction tank and burners, steel wire grate rigidly hinged to stove box.

Large size grey cast iron burners; large built-in wind baffles held in place by spring locks. Hot blast preheater quickly generates the stove to full cooking heat. Built in filling funnel with large hand operated filler plug. Valve controls instantly regulate heat. Folds compact for carrying.

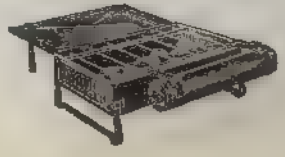
Each

No. D106—Tank capacity 1 qt; size folded 4x9½x16¾ ins..... **$15 45**

One in carton; wt each 12 lbs

COLEMAN

Heavy sheet steel frame, black enameled; detachable heavy metal tank double seamed and soldered. Tank combined with generator in single unit, and built-in pump. Two burners with valve controls, heavy gauge brass burner caps with flame spreaders. Folding built in wind baffle. Strap steel legs with positive snap locks. Tank capacity 1⅓ quarts.



Each

No. D9—Size folded 18½x11¼x4 ins..... **$20 25**

One in carton; wt each 16 lbs.

CAMP STOVES

D 9

COLEMAN

Heavy sheet steel frame, black enameled; heavy metal tank double seamed and soldered. Tank always connected, swings on hinge, inside when stove is folded for carrying. Built in pump, funnel, oven and wind baffle. Burns gasoline and produces an intensely hot flame. Tank capacity 1⅓ quarts.

Each

No. D2—Size folded 18½x11¼x4 ins..... **$28 05**

One in carton; wt each 20 lbs.

(Folds Flat)

KAMPKOOK

Heavy sheet steel case and frame. Steel wire carrying handle tank. Brass generator. First burner requires generating, second burner may be turned on and off at will. Burns gasoline and produces an intensely hot flame. Automatic cleaning device keeps gas tip free from carbon.

Two Burner, Olive Drab Baked Enamel.

Each

No. D3—Tank capacity 1 qt; size folded 14½x8x3½ ins..... **$12 15**

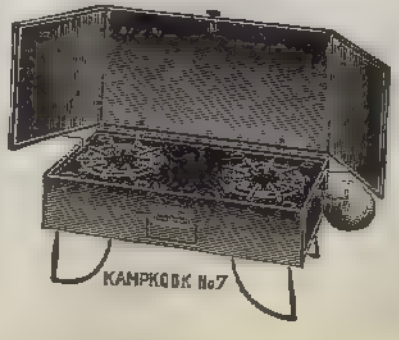
One in carton; wt each 8 lbs.

Double Burner, Olive Drab Baked Enamel.

Each

No. D1—Tank capacity 3 pts, size folded 3½x10x17½ ins..... **$13 80**

One in carton; wt each 11 lbs.



KAMPKOOK

Tank capacity 3 pts; burns 4½ hours; size folded 4¼x10½x19½ ins.

Each

No. D7..... **$17 70**

One in carton; wt each 14½ lbs.

CAMP STOVES

KAMPKOOK

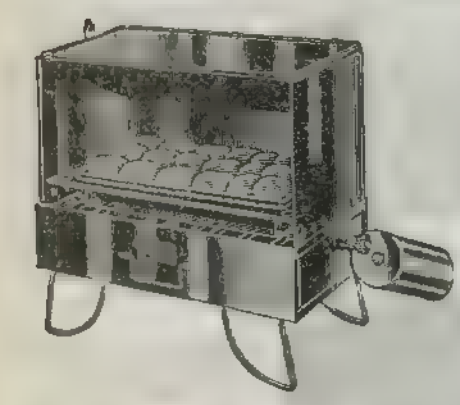
Heavy sheet steel case and frame. Steel wire carrying handle tank. Brass generator. First burner requires generating, second burner may be turned on and off at will. Burns gasoline and produces an intensely hot flame. Automatic cleaning device keeps gas tip free from carbon.

KAMPKOOK

Each

No. D10—Tank capacity 2 qts; burns 4½ hours; size folded 4¼ x 10½x26 ins $26 40

One in carton; wt each 17½ lbs.



KAMPKOOK

Sheet steel frame, olive drab enameled body, black enameled frame. Oven can be used as heater, warming closet, or windshield to protect fire and utensils. Burns 6 hours.

Each

No. D8—Tank capacity 2 qts; cooking top 10⅛x19½ ins; size oven 19x10x10 ins; size folded 4⅛x10⅞x19⅝ ins $21 90

One in carton; wt each 21 lbs.

CAMP STOVE STANDS

For Kampkook Stoves.

FOLDING

Steel, dull nickel plated, securely riveted folding joints. Folds to 1½x2½x18⅝ inches when not in use. Height 27 inches.

Each

No. 40—Fits Nos. 3 and 7; wt each 3½ lbs..... $3 90

No. 41 Fits No. 10; wt each 4 lbs..... 4 50

One in carton.

For All Makes Of Camp Stoves.

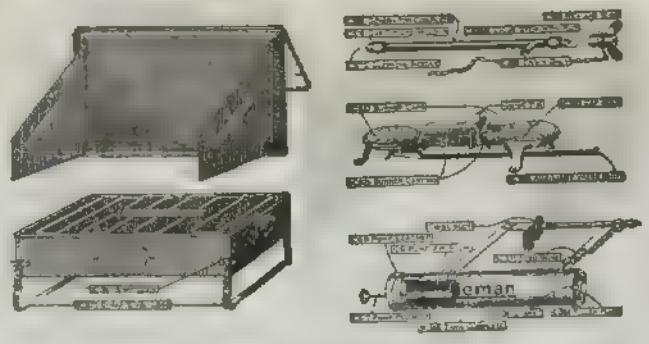
One piece angle iron frame black enameled. Rigidly braced and riveted. Sliding joints make folding easy. Size folded 2½x2x26½ inches.

Each

No. C10—Height 27 ins $5 70

One in carton; wt each 7½ lbs.

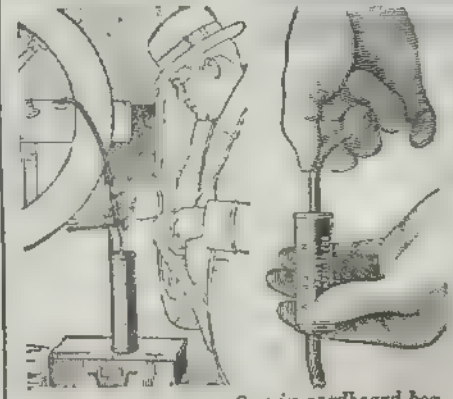
REPAIRS FOR CAMP COOK STOVES



		Per Doz
	FOR Nos 2 and 9 STOVES	
No. CS8	—Generator wick and screen	$1 65
No. CS9	—Pump leather	1 95
No. CS17	—Pump plunger	12 75
No. CS18	—Gas tip and holder	4 80
No. CSTC	—Cleaning needle and holder	1 95
No. 2CS23	—Burner caps (for No. 2 stove only)	14 40
No. 2CS32	—Pump air stem (for No. 2 stove only)	7 95
No. 2CS34	—Stove grates (for No. 2 stove only)	7 95
No. CS36	—Filler plug gaskets	90
No. CS56B	—Generator valve stem with nut	12 00
No. CS62	—Generator complete	31 50
No. CS64	—Filler plug	9 90
No. CS89	—Key and ring	2 55
	FOR Nos. 4, 7, 8 and 10 STOVES	Per Doz
No. 3912	—Generator and cleaners	$33 00
No. 3913	—Regulating needles	13 20
No. 3910	—Needle points	6 75
No. 4121	—Burner rings	8 70
	FOR No. 3 STOVES	Per Doz
No. 2281	—Generator and cleaner	$33 00
No. 2282	—Regulating needle	13 20
No. 2286	—Needle points	6 75
	FOR Nos. 3, 4, 8 and 10 STOVES	Per Doz
No. 30	—Pump	$15 90

SIPHONS

FOR FILLING CAMP STOVES



Consists of brass nickel plated siphon pump ⅞x8½ inches long and 30 inches of rubber hose.

A practical device for siphoning gasoline out of tank for filling camp stoves, gasoline lanterns etc. Complete with instructions.

Per Doz

No. 1S—Wt per doz 3½ lbs..... $26 40

One in cardboard box.

COMBINATION CAMP GRATE AND BROILERS

A grate for the coffee pot and skillet and a broiler for steaks.

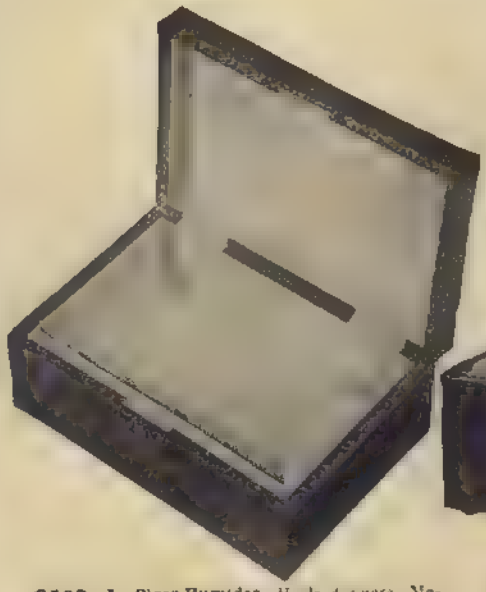
Heavy retinned steel wire frame and legs; crimped cross-wires. Can be folded when not in use. Per Doz

No. 1214C—Size 12x14 ins..... $66 00

Packed loose; wt per doz 26 lbs.

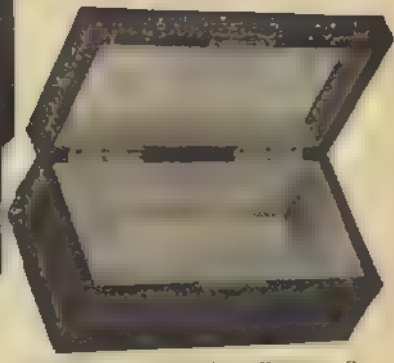
The Latest in Humidors

Every Man Who Smokes Wants One

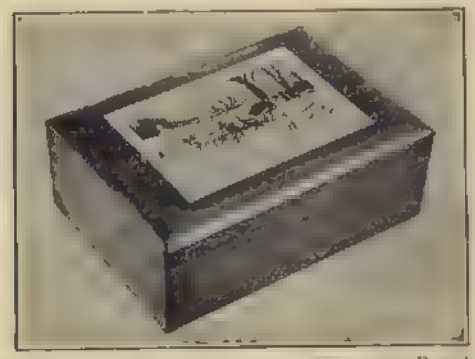


G103 1 Cigar Humidor [illegible] Mahogany [illegible] Dimensions 11½ in. x 7½ in. x 4½ in. Fitted with lock and key. A very popular number. **$10.50**

G103 2 Cigar Humidor Solid American walnut case, [illegible] Fitted with lock and key. As fine as can be built for office **$15.50**



G103+3 Cigarette Box Humidor. Capacity [illegible] Mahogany [illegible] long, [illegible] wide and [illegible] deep **$7.00**



G103 4 Chinese Red Humidor With [illegible] English [illegible] 11½x8½ in. [illegible] damp **$10.50**

G103+5 Cigarette Box [illegible] pale green [illegible] **$5.25**

G103+6 Pipe Rack and Tobacco Jar. Mahogany finish. Holds [illegible] of cut glass with polished brass [illegible] **$6.75**

Beautiful Silver and Gold Thimbles

Good Weight. Nicely Finished Throughout. Priced Each

G103+7
Sterling Silver
Light [illegible]
$0.55

G103+8
Sterling Silver
[illegible]
$0.90

G103+9
Sterling Silver
Chased [illegible] Band
$1.10

G103+10
Sterling Silver
Heavy [illegible]
$1.35

G103-11
Sterling Silver
[illegible] Band
$1.50

G103+12
Sterling Silver
Octagon [illegible]
$1.60

G103+13
Sterling Silver
Flowered [illegible] Band
$2.00

G103-14
Sterling Silver
Enameled Wreath
$3.20

G103+15
Solid Gold
Grecian Bush. 10k
$6.00

G103+16
Solid Gold
Chased Rim. 10k.
$8.70

G103+17
Solid Gold
Narrow, Plain.
18 Facets. 10k
$7.50

G103+18
Solid Gold
Plain Band
10k Nice Weight
$8.10

THE ABOVE PRICES ARE SUBJECT TO THE REGULAR DISCOUNT.

IF ANY ARTICLE PROVES UNSATISFACTORY, RETURN AT ONCE. WE WILL EXCHANGE OR REFUND MONEY.

"THE HOUSE OF QUALITY, SERVICE AND SATISFACTION"

Radio or Table Figures

Gift Numbers That Instantly Appeal

G104+1 Tiger Radio or Table Ornament. This tiger stands 5 inches over all and [illegible] inches high. A beautifully shaded piece [illegible] finished in oxidized copper. The white teeth and red tongue give the animal a life-like look. **$10.00**

G104+2 Elephant Figure. This is, without a doubt, the best elephant figure made. Stands 3¾ inches to the tip of the trunk. [illegible] colored either red or Nigger black. [illegible] **$11.20**

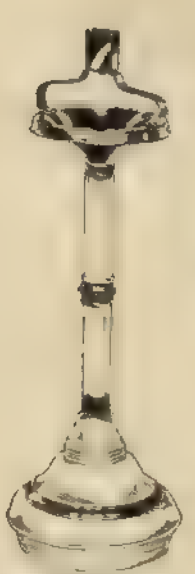
G104+3 German Police Dog Figure. The smallest detail is faithfully carried out. Stands 7 inches high. Finished in Old English brass. A beauty. **$6.00**

G104+4 Lion "King of Beasts." Caught in a characteristic pose. Red mouth. White teeth. Stands 6½ inches high. Finished in Old English brass. [illegible] **$9.00**

G104+5 The Bull Moose. This rich looking piece has portrayed the moose in fullness. The smallest detail has been carried out. Mounted on a metal base and both Old English brass finished. It stands 8 inches over all. [illegible] **$15.75**

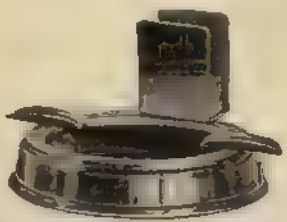
Smokers Accessories That Win Favor

A Few Very Popular Numbers



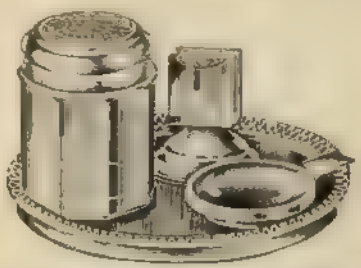
YORKSHIRE
THE ULTIMATE IN ODOR-LESS SMOKERS

G104+8. This smoker is finished in fine lacquer in the following colors: Red, black, mahogany and green. It is spotless, odorless and sanitary. The stand is made entirely of spun steel and the top is bronze plated to prevent burn stains. Each **$8.50**



G104+6 Flat Ash Tray. Colored glass dish. Fine nickel plate. Two cigar rests and matchbox holder. Size, 5¼x3¼ inches. **$1.80**

G104+7 Fine Statuary Bronze Finished Ash Tray. The work on this tray is beautiful, the figure of the dog being brought out in fine detail. Removable glass ash tray. **$4.25**



G104+9 Silver Plated Smoker's Set. Consisting of [illegible] cigar rests, [illegible] and ash tray. The tray has a perforated rod [illegible] covered glass lined [illegible] over base and rests. Has the usual rest and [illegible] holder. Makes a fine quart [illegible] outfit complete. Size of tray [illegible] in diameter. **$3.75**

Smokador

Patented Oct. 27, 1925. Dec. 1, 1925
Registered U.S. Pat. Off.
Copyright Smokador Mfg. Co., Inc. 1927

G104+10 Smokador. Nationally Advertised. It cannot tip over and spill. Ashes, stubs, etc., drop out of sight. [illegible] no ashes to blow around. A slight [illegible] of the stem [illegible] the bowl for emptying. A bevel [illegible] Smokadors are seen everywhere in [illegible] trains and ocean liners. Choice of **Mahogany, Chinese Red, Bronze or Green** colors. Each. **$15.00**

THE ABOVE PRICES ARE SUBJECT TO THE REGULAR DISCOUNT.

IF ANY ARTICLE PROVES UNSATISFACTORY, RETURN AT ONCE. WE WILL EXCHANGE OR REFUND MONEY.

"THE HOUSE OF QUALITY, SERVICE AND SATISFACTION"

AUTOMATIC PISTOLS

COLT'S

Government Model, 45 Caliber. 8 Shot.

Adopted by the U. S. Government as the Service Side Arm.

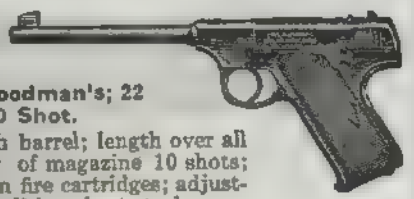
Blued, 5 inch barrel; length over all 8½ inches; capacity of magazine 7 shots; shoots 45 rimless smokeless cartridges, metal cased.

	Each
No. CA0456—Checkered walnut stock	$ 96 90
No. CA0456P—Pearl stock	♦123 60

One in cardboard box, wt each 39 ozs.

	Each
No. CA0456M—Extra Magazines for No. CA0456 Colt's Automatic pistols	$3 30

COLT'S



Target Model Woodman's; 22 Caliber; 10 Shot.

Full blued; 6½ inch barrel; length over all 10½ inches; capacity of magazine 10 shots; shoots 22 long rifle, rim fire cartridges; adjustable sight; checked English walnut stock.

	Each
No. CA0226½T—Wt each about 28 ozs	$86 25
No. CA0226½TM—Extra Magazines for No. CA0226½T Colt's Automatic pistols	5 25

COLT'S

Government Model Super 38 Caliber, 9 Shot on 45 Caliber Frame.

Built on the same lines as the famous Colt 45 Caliber Government Model Automatic pistol frame.

It has high velocity with flat trajectory, great shocking power and deep penetration.

Constructed with all of the safety features, the arched housing which permits a firmer and surer grip, safety lock, etc.

5 inch blued steel barrel; American walnut checked walnut stock; checked trigger; length over all 8½ inches. Capacity of magazine 9 cartridges; weight each 39 ounces.

	Each
No. CA0385—Shoots Colts Automatic 38 cartridges with a velocity of 1190 ft per second	$96 90

One in cardboard box.

♦F. O. B. Connecticut Factory Only.

AUTOMATIC PISTOLS

SMITH & WESSON

32 Caliber, Hammerless, Seven Shot.

Blued Black Finish.

Automatic loading, cocking and ejection of fired shells is combined with easy loading in the new automatic pistol. The recoil spring is not compressed when operating the arm by hand to load. Provided with two safeties, the first on the grip and only operated when arm is properly held for shooting and a deliberate pressure applied by the second finger, second safety prevents discharge when magazine is withdrawn. Rigid frame and barrel. Wide flat top sights. Chambered for 32 rimless smokeless cartridges.

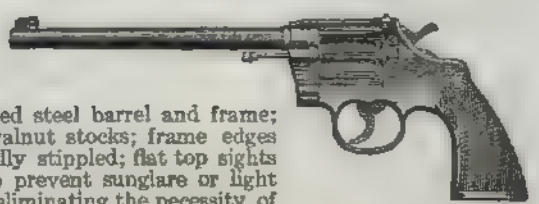
	Each
No. 032 Circassian walnut stock; length of bbl, 3½ ins; length over all 6½ ins	♦$94 50

One in cardboard box, wt each 25 ozs.

PISTOLS

COLT'S CAMP PERRY MODEL

22 Caliber. Single Shot Target.



Full blued steel barrel and frame; checked walnut stocks; frame edges mechanically stippled; flat top sights matted to prevent sunglare or light reflection eliminating the necessity of smoking the sights to obtain clear, sharp definition. Action, hand finished with light pull trigger, clean and smooth with no back lash. Trigger and back strap finely checked to prevent slipping. Equipped with Patridge type sights: front sight adjustable for elevation, rear sight with adjusting screw adjustable for windage, sighting radius 9⅛ inches. Barrel chambered to insure that great degree of accuracy demanded by experts. Length barrel 10 inches; length over all 13¾ inches.

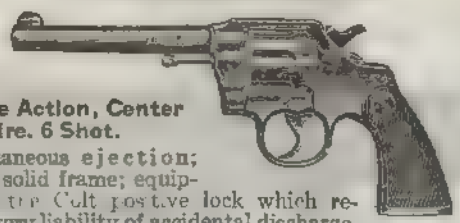
	Each
No. CP02210—Shoots 22 long rifle	$107 55

One in cardboard box; wt each $4½ ozs.

♦F. O. B. Massachusetts Factory Only.

REVOLVERS

COLT'S OFFICIAL POLICE



Double Action, Center Fire. 6 Shot.

Simultaneous ejection; jointless solid frame; equipped with the Colt positive lock which removes every liability of accidental discharge.

Takes the place of the old "New Army" and "New Navy", possessing all of their good features and many improvements. **32 Caliber.** Chambered for 32-20 Winchester Rifle Cartridges.

Blued.

Nos.	Barrel, ins	Stock	Wt, ozs	Each
AS0324	4	Rubber	32	$79 20
AS0325	5	"	34	79 20
AS0326	6	"	34	79 20

38 Caliber. Using in the same arm 38 long Colt, 38 short Colt, 38 Colt special, also 38 S&W special, full and mid range loads, and U. S. service cartridges.

Nickel Plated.

Nos.	Barrel, ins	Stock	Wt, ozs	Each
AS384	4	Rubber	32	+$79 20
AS385	5	"	34	+ 79 20
AS386	6	"	34	+ 79 20
AS384P	4	Pearl	32	+ 93 30
AS385P	5	"	34	+ 93 30
AS386P	6	"	34	+ 93 30

Blued.

AS0384	4	Rubber	32	79 20
AS0385	5	"	34	79 20
AS0386	6	"	34	79 20
AS0384P	4	Pearl	32	93 30
AS0385P	5	"	34	93 30
AS0386P	6	"	34	93 30

COLT'S NEW SERVICE

Double, Action Center Fire, 6 Shot.

Simultaneous ejection; jointless solid frame; fitted with the Colt positive lock that absolutely prevents accidental discharge.

38 Caliber. Chambered for 38-40 Winchester Rifle cartridges.

Blued.

Nos.	Barrel, ins	Stock	Wt ozs	Each
05384½	4½	Rubber	40	$89 70
05385½	5½	"	41	+ 89 70
05387½	7½	"	42	+ 89 70
05384½P	4½	Pearl	40	+120 00
05385½P	5½	"	41	+120 00
05387½P	7½	"	42	+120 00

44 Caliber. Chambered for 44-40 Winchester Rifle cartridges.

05444½	4½	Rubber	40	89 70
05445½	5½	"	41	+ 89 70
05444½P	4½	Pearl	40	+120 00
05445½P	5½	"	41	+120 00

45 Caliber. Chambered for 45 Colt cartridges, full, medium or gallery loads.

05454½	4½	Rubber	40	89 70
05455½	5½	"	41	89 70
05457½	7½	"	42	+ 89 70
05454½P	4½	Pearl	40	+120 00
05455½P	5½	"	41	+120 00
05457½P	7½	"	42	+120 00

All above one in cardboard box.

+F. O. B. Connecticut Factory Only.

AUTOMATIC PISTOLS

COLT'S

Pocket Model, 25 Caliber, Hammerless. 7 Shot.

Capacity of magazine 6 shots; shoots 25 rimless smokeless cartridges with metal cased bullet. Length of barrel 2 inches length over all 4½ inches,

	Each
No. CA252—Nickel plated, wood stock	$45 00
No. CA252P—Nickel plated, pearl stock	51 75
No. CA0252—Blued, wood stock	45 00
No. CA0252P—Blued, pearl stock	51 75

One in cardboard box; wt each 13 ozs.

Extra Magazines.

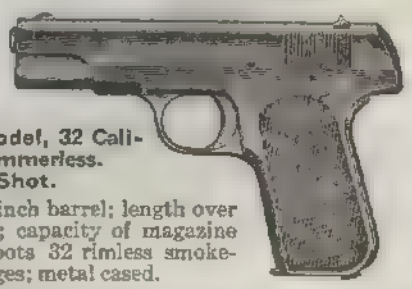
	Each
No. CA252M—Nickel plated, for No. 252 Colt's Automatic pistols	$1 71
No. CA0252M—Blued, for No. 0252 Colt's Automatic pistols	1 71

Pocket Model, 380 Caliber, Hammerless. 8 Shot.

	Each
No. CA03803¾—Blued, 3¾ in. barrel; length over all 6¾ ins; capacity of magazine 7 shots; shoots 380 rimless smokeless cartridges, metal cased; checkered rubber stock; wt each about 28 ozs	$54 00

One in box.

	Each
No. CA03803¾M—Extra Magazines for 380 Colt's Automatic pistols	$1 95



Pocket Model, 32 Caliber, Hammerless. 9 Shot.

Blued, 4 inch barrel; length over all 7 inches; capacity of magazine 8 shots; shoots 32 rimless smokeless cartridges; metal cased.

	Each
No. CA0324—Blued, checkered, rubber stock	$54 00
No. CA0324P—Blued, pearl stock	70 65

One in box; wt each 23 ozs.

	Each
No. CA0324M—Extra Magazines for No. CA0324 Colt's Automatic pistols	$1 95

AUTOMATIC PISTOLS

COLT

POCKET MODEL HAMMERLESS

.25 Caliber. 2 inch barrel; 6 shots; length overall, 4½ inches; checked walnut stocks; blued finish; equipped with automatic grip and slide lock safety; uses the .25 Colts automatic cartridges. Wt. each, 13 ozs.....Each **$17 00**

Calibers: .32 and .380.

.32 Caliber. 3¾ inch barrel; 8 shots; length overall, 6¾ inches; checked walnut stocks; blued finish; equipped with automatic grip and slide lock safety; handles the .32 Colts automatic cartridges. Wt. each, 23 ozs..Each **$20 50**

.380 Caliber. 7 shots; uses the .380 Colts automatic cartridges; otherwise same as .32 Caliber. Wt. each, 23 ozs. .....Each **$20 50**

COLT

SUPER MODEL HAMMER

.38 Caliber. 5 in. barrel; 9 shots; total length, 8½ in.; checked walnut stock; blued finish; checked trigger; arched housing; handles .38 Colts Automatic cartridges. Wt. ea. 39 ozs. .....Each **$36 75**

GOVERNMENT MODEL HAMMER

.45 Caliber. 5 inch barrel; 7 shots; total length, 8½ inches; checked walnut stocks; blue finish only; equipped with automatic grip and slide lock safety; handles .45 Colts automatic cartridges. Wt. each, 39 ozs..... .Each **$36 75**

AUTOMATIC PISTOLS

LUGER.

HAMMERLESS.

.30 Caliber.

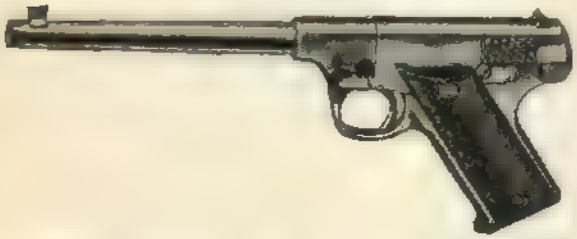
7.65 m/m (.30) Caliber. 3⅝ inch barrel; 9 shots; length overall, 9 inches; walnut stocks; blued finish; uses the 7 65 m/m Luger cartridges. Wt. each, 29 ozs...Each $30 00

7.65 m/m (.30) Caliber. 6 inch barrel; 9 shots; length overall, 10½ inches; walnut stocks; blued finish; uses 7.65 Luger cartridges. Wt. each, 2 lbs.....Each $32 50

7.65 m/m (.30) Caliber. 8 inch barrel; 9 shots; length overall, 12⅜ inches; walnut stocks; blued finish; uses the 7.65 m/m Luger cartridges. Wt. each, 2¼ lbs..Each $35 00

HARTFORD

MODEL 1925 TARGET AND SPORTING

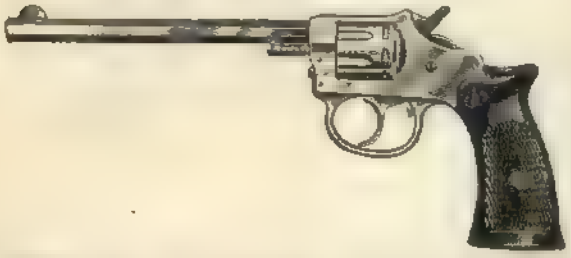


.22 Caliber. 6¾ inch barrel; length over all 10¾ inches; satin blue finish; black rubber grips; open target sights; capacity of magazine 10 shots; safety locks the sear positively; uses 22 long rifle cartridges. Wt. each 31 ozs.
Each $21 00

REVOLVERS

HARRINGTON & RICHARDSON

TRAPPER MODEL



.22RF Caliber. 6 inch barrel. Blued finish; 7 shots; checked walnut target grip; gold front sight. Shoots .22 long rifle, .22 long or .22 short cartridges. Wt. ea. 12¼ ozs. .....Each $8 25

REVOLVERS

HARRINGTON & RICHARDSON

922 MODEL

.22RF Caliber. 6 inch barrel. Blued finish; 9 shots; checked walnut target grips; gold front sight; shoots .22 long rifle, .22 long or .22 short cartridges. Wt. each 21¾ ozs. .....Each $8 25

SPECIAL MODEL HEAVY FRAME

Blued finish; hinge type; checked walnut target grip stocks; gold front sight.

.22RF Caliber. 6 inch barrel. 9 shots; shoots .22 long rifle, .22 long or .22 short cartridges. Wt. ea. 23 ozs. .....Each $12 75

.22 W. R. F. Caliber. 6 inch barrel. 7 shots; shoots .22 W. R. F. cartridges. Wt. ea. 23 ozs. .....Each $12 75

EXPERT MODEL.

.22RF Caliber. 10 inch barrel. Blued finish; 9 shots; hinge type automatic shell ejector. Checked walnut target grip stocks; gold front sight. Shoots .22 long rifle, .22 long or .22 short cartridges. Wt. ea. 28 ozs. .....Each $13 50

COLT'S REVOLVERS

J

SINGLE ACTION

Single Action, Army or Frontier

Colts Frontier single action revolver, called the Frontier from the fact that it is made to take the same ammunition as used in magazine rifles, thus obviating the necessity of carrying two kinds of ammunition. This revolver has case hardened frame, blued barrel and rubber stocks

Center fire, 6 shots, rod ejection.

38-40 caliber, using 38-40 W. F. C. cartridges.

NO.	Barrel	Wt. Each	EACH
644	4½ in.	38 oz.	$34 00
645	5½ in.	39 oz.	34.00

45 Colt's caliber, using 45 Colt's cartridges.

NO.	Barrel	Wt. Each	EACH
674	4½ in.	37 oz.	$34.00
675	5½ in.	38 oz.	34.00
677	7½ in.	40 oz.	34.00

CAMP PERRY MODEL—TARGET PISTOL

Single Shot

Chambered for 22 long rifle cartridge, blued finish, checkered walnut grips. Partridge or Bead sights. Rear sight adjustable for windage.

NO	Barrel In.	Oz. Each	EACH
512	10	34½	$40.75

22 CALIBER TARGET

Police Positive Target—New Heavy Model

Jointless frame, swing-out cylinder, double action, hand ejector. Checkered walnut stocks; blued finish. Removable target front sight, adjustable rear sight. Cylinder stop.

22 W.R.F. caliber. Six shots.

NO.	Length Barrel	Wt. Each	EACH
508	6 in.	22 oz.	$30.00

22 caliber, short or long, and long rifle rim fire cartridges. Otherwise same as 508.

NO.	Length Barrel	Wt. Each	EACH
510	6 in.	30 oz.	$30.00

OFFICERS' MODEL TARGET

Colt officer's model target revolver. Jointless solid frame, simultaneous ejection. The following cartridges can be used interchangeably, 38 Long Colt, 38 Colt Special, also 38 S. & W. Special, full and mid-range loads. Any of these cartridges may be used in the same revolver. Strap and trigger finely checked. Action—hand finished and without equal for smoothness and excellence of pull. Sights—front sight adjustable for elevation; rear sight with adjusting screw, adjustable for wind gauge. Six shots. Blue finish. Checkered walnut stocks.

With Partridge Sights

NO.	Barrel	Wt. Each	EACH
556	6 in.	34 oz.	$40.75
557½	7½ in.	36 oz.	40 75

With Gold Bead Sights

NO.	Barrel In	Oz. Each	EACH
B556	6	34	$41.75
B557½	7½	36	41.75

All packed one in a box.

J SMITH & WESSON REVOLVERS

Military and Police, Model 1905

Double action, solid frame, swing out cylinder, hand ejector, checkered wood stock, blued finish

32-20 W. F. C. caliber, 6 shots

NO.	Barrel	Wt. Each	EACH
454B	4 in.	29 oz.	$32.50
455B	5 in.	30 oz.	32.50
456B	6 in.	31 oz.	32.50

38 caliber, 6 shots, using 38 S. & W. Special 38 long Colt's

NO.	Barrel	Wt. Each	EACH
464B	4 in.	27 oz.	$32.50
465B	5 in.	28 oz.	32.50
466B	6 in.	29 oz.	32.50

Model 1917 Military—44 Caliber

Uses 44 caliber S. & W. Special cartridges, 6 shots; extra heavy solid frame, new improved swing out cylinder. Double action, rebounding lock, square checkered wood grip, blued finish.

NO.	Barrel	Wt. Each	EACH
448B	6½ in.	40 oz.	$36.25

45 Caliber

Using 45 Auto. rim cartirdges.

NO.	Barrel	Wt. Each	EACH
490B	6½ in.	40 oz.	$36.25

Military and Police, Model 1905—Partridge Target Sights

Double action, solid frame, swing out cylinder, hand ejector, checkered wood stock, blue finish. Chambered for 32-20 W.C.F. Cartridge.

NO.	Barrel Lgth.	Wt. Each	EACH
320TS	6 in.	31 oz.	$37.25

Chambered for 38 caliber—S. & W. Special Cartridge

386TS	6 in.	30 oz.	$37.25

NOTE—Call Sights, additional .. $2.50

Regulation Police Model

Double action, solid frame, swing out cylinder, square butt, checkered wood stock, blued finish.

38 caliber, 5 shots, using 38 S. & W. or 38 short Colt's cartridge

NO.	Barrel	Wt. Each	EACH
424B	4 in.	17½ oz.	$30.50

Model 1903; Hand Ejector

Uses 32 caliber S. & W. center fire cartridges, 6 shots; solid frame, swing out cylinder, double action, rebounding lock, rubber stock, blued finish, round butt

NO.	Barrel	Wt. Each	EACH
435B	4½ in.	18½ oz.	$29.00

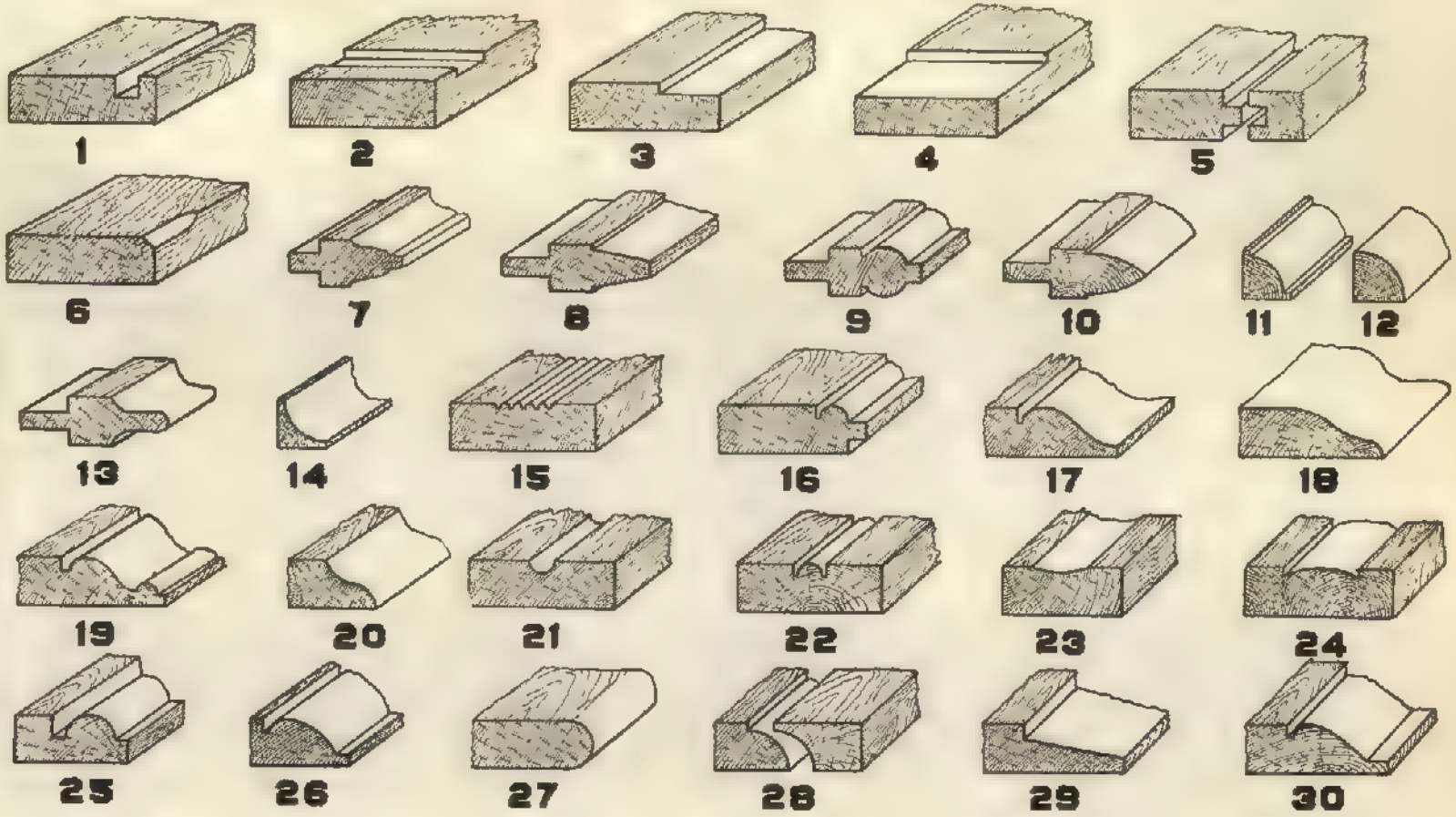
Target, Model 1911

22 caliber swing-out cylinder, 6 chambers; shoots 22 short, long, and long rifle rim fire cartridges. Blued steel, checkered circassian walnut grip, S. & W. target sights, trigger pull under 4 lbs.

NO.	Barrel	Wt Each	EACH
191122	6 in.	23 oz.	$33.00

All of above one in a box.

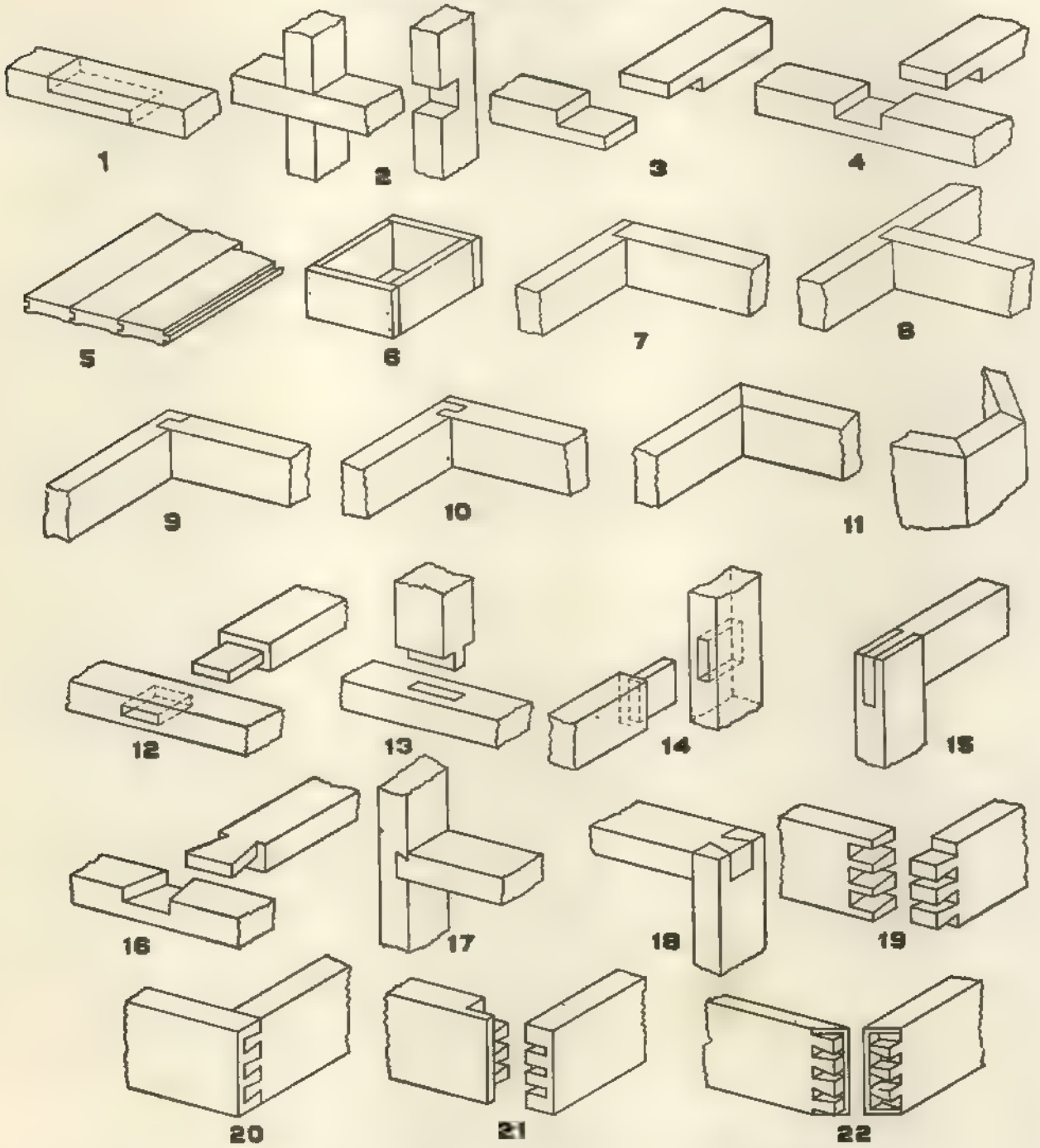
COMMON CUTS
MADE WITH STANLEY TOOLS



1—Plow Cut.
2—Dado Cut.
3—Rabbet Cut.
4—Filletster Cut.
5—Tongue and Groove.
6—Chamfer.
7—Ogee Sash.
8—Bevel Sash.
9—Ovalo Sash.
10—Gothic Sash.
11—Scotia.
12—¼ Round.
13—Lambs Tongue Sash.
14—Cove or ¼ Hollow.
15—Reed.
16—Edge Bead.
17—Common Ogee.
18—Roman Ogee.
19—Grecian Ogee with Bead.
20—Reverse Ogee.
21—Flute.
22—Center Bead.
23—Hollow.
24—Round.
25—Astragal.
26—Torus Bead.
27—Nosing.
28—Table Joint.
29—Ship Lap.
30—Grecian Ovalo or Base.

COMMON WOOD JOINTS

MADE WITH STANLEY TOOLS



1—Half Lap Joint.
2—Cross Lap Joint.
3—End Lap Joint.
4—Middle Lap Joint.
5—Tongue Groove Joint.
6—Butt Joint.
7—Rabbet Joint.
8—Dado Joint.
9—Dado and Rabbet Joint.
10—Dado Tongue and Rabbet Joint
11 Mitre Joint.
12—Thru Mortise Tenon.
13—Stub Mortise Tenon.
14—Blind Mortise Tenon
15—Open Mortise Tenon.
16—Lap Dovetail.
17 Dovetail Dado.
18—Thru Single Dovetail.
19—Thru Multiple Dovetail.
20—Lap Dovetail or Half Blind Dovetail.
21—Stopped Lap Dovetail
22—Blind Mitre or Secret Dovetail.

SELL MORE DOLLS!

Good Display Will Create Sales

BUTLER DOLL STANDS

show any size of doll to best possible advantage.

Attract Attention

Easily adjusted to accommodate various sizes. Just bend the upright—which is riveted to base—slightly and there you are! Easy to handle. They're a great selling aid in any toy department. Don't be without these great sales helps.

Order from Your Jobber

Butler Doll Stand Co.
Dept. F., 208 S. East Ave.
OAK PARK, ILL.

FRED. K. BRAITLING

BRIDGEPORT, CONN.
Established 1869

DOLL SHOES

SLIPPERS and STOCKINGS
REAL HAIR and MOHAIR WIGS

Complete Line of Shoes and Novelty Shoes for Effanbee Genuine Patsy Dolls

"LIKE-MOTHER'S"

TRADE MARK REGISTERED

TOY ALUMINUM SETS

Tea Percolator — Cooking Pastry

BOWMAN WHEEL TOYS
Both lines are Popular and PROFITABLE

The Geo. H. Bowman Co., *Manufacturers*
Factories at Cleveland, Carrollton, Salem, Akron and Alliance, Ohio

A "Heaven-Sent" 10 CENT SELLER

Here's a new line of spinning tops—the No. 25 Comstock All Steel YO-YO, Assorted Colors. These beautiful lacquered tops meet the demands of the most discriminating buyer on the lookout for a quick-selling novelty. This 10-cent seller is a fit running mate for the ever-famous No. 15 Comstock All Steel and Nickel Plated YO-YO—the *"Speediest YO-YO Ever Built."*

A New One No. 25

COMSTOCK'S Original All-Steel YO-YO

4 BEAUTIFUL COLORS

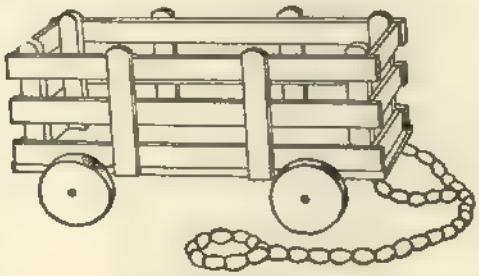
No. 25 Assorted Colors	AND	No. 15 Nickel Plated
10c		15c

Business volume—rapid turnovers are available from the sale of these dazzling spinning tops. *Uniform Quality, Exclusive Style,* and *SPEED* are the distinguishing features of the Comstock YO-YO. Free samples and prices to rated firms. Write Dept. 25-TN. Yes! We make prompt shipments!

COMSTOCK-BOLTON COMPANY
H. P. Comstock, Owner and General Manager
335 Southwest Boulevard — Kansas City, Missouri

TOY KRAFT

Wooden Toys for Summer Play



No. 6010 Slatted Wagon

SAND PAILS—PULL TOYS
WHEELBARROWS—CARTS

Unique in Design—Rich in Color—Sturdily Built

Ideal Outdoor Playthings for Little Children

THE TOY KRAFT CO.
WOOSTER, OHIO

New York Showroom
200 5th Avenue

Catalog Sent Upon Request

Permanent Toy Fair
22 East 21st St. New York

Factory Prices Guaranteed

N. L. Page & Son Co.
Pool and Card Tables

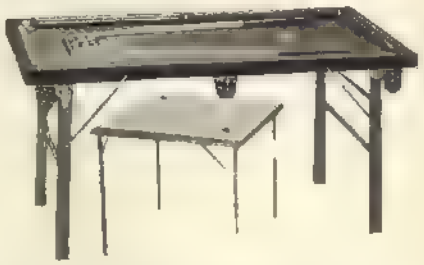
H. & J. Toy Mfg. Co.
Stuffed Animals

The Wm. Tienken Co.
Artificial Christmas Trees

Maxine Doll Co., Inc.
"Baby Gloria" Dolls

Commander Toy Corp.
Toy Soldier Sets

M. Carlton Bank Toy Corp.
"Boy Toymaker"



S. O. LUDWIG
FACTORY SALESMAN
DOLLS — TOYS

Electric Tree Outfits *Fox Foxy Toys*

It's the Jingling Bell that makes them sell

JINGLBLOX
Reg. U. S. Pat. Off
WITH BELLS

Bring Miles of Baby Smiles

They are the only baby play blocks made with mellow toned tinkling bells. Decorated in the gayest colored fairy tale pictures. Strong, durable and washable. Packed in a very attractive colored display box, five blocks to a set. Write for circular describing JinglBlox

JinglBlox sell fast when displayed

Mrs. Mary Lou Kirkland, 1423 A. Merchandise Mart, 222 North Bank Drive, Chicago,

JinglBlox Toy Mfg. Co.
3927 Dickson Avenue
Cincinnati, Ohio

Patent No. 1842961

SANTA'S HANDY HELPER

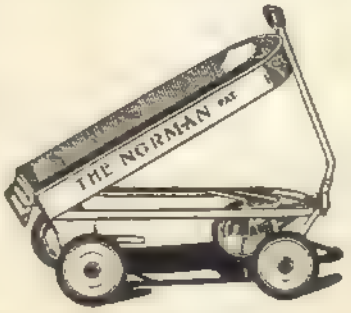
A Mighty Convenience

Saves TYING—TWISTING

The one best way to attach ornaments to Christmas trees. Millions have been sold. Known everywhere. 50 hangers in 10-cent box; 50 boxes in attractive display carton. Liberal profit. Order now for Christmas delivery.

ETGES MFG. COMPANY
Sole Manufacturers
1472 Summerdale Avenue Chicago, Ill.

The All-Steel Wagon—Steel Chassis—Steel Body



The Only Wagon with the
NORMAN PATENTED STEEL DRAW BAR
NO PULL ON KING BOLT
ALL PULL ON FRAME
WELDED
NO BOLTS, NO NUTS

Made in Three Styles, Two Sizes
THE 3 IN 1 EXPRESS-COASTER-DUMP WAGON
THE 2 IN 1 EXXPRESS-COASTER
THE EXPRESS

Send for Catalogue and Price List

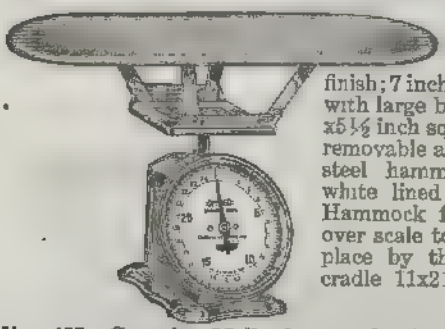
The NORMAN MANUFACTURING CO., Inc.
Shickshinny, Penna.

PARCEL POST SCALES
—BLUE GRASS—
Glass covered, slanting dial.

Complies with all the requirements of the law, shows weight up to 20 lbs., by ozs. Computes automatically, and indicates immediately the exact cost of postage, in cents, for the different zones of mileage for Parcel Post. Also weight limit and size limit of package is printed on dial.

Each
No. BG175—Capacity 20 lbs by ozs; diam dial 6 ins.. $9 75
One in carton; wt per doz 50 lbs.

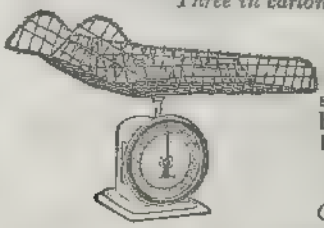
BABY SCALES
UNIVERSAL



Cast iron frame, sheet steel outer case, blue enamel finish; 7 inch white slanting dial with large blue numerals. 5½ x5½ inch square steel top with removable aluminum and sheet steel hammock covered with white lined crash toweling. Hammock frame work slides over scale top, held securely in place by thumb screws. Size cradle 11x21½ inches.

Each
No. 425—Capacity 25 lbs by ozs; height over all 8½ ins, with cradle 12 ins. $11 25
Three in carton; wt each 6 lbs.

CHATILLON



Steel body and basket, white enameled. Basket is removable so that scale can be used for household purposes. Each
No. 46—Capacity 25 lbs by ozs; 7 in. aluminum dial $16 50
One in carton; wt per doz 48 lbs.

BATH ROOM SCALES
UNIVERSAL

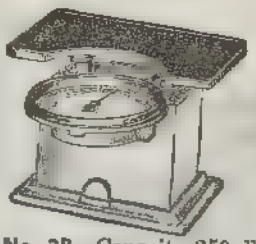
Non tip cast iron base, ribbed steel frame and platform, white enamel finish with blue and gold medallion on front dial housing. Rotary dial with large red and black numerals; weight registers at one central point on dial. 3¼x1 1/16 inch glass sash that recedes below surface of one piece cork platform. Adjustable screw in back for making adjustment. Complete with weight chart. Each
No. 9300—Capacity 300 lbs; platform 7¼x10½ ins; height over all 8½ ins $27 00
One in carton; wt each 23 lbs.

ROTO-DIAL HEALTH-O-METER

Cast iron frame and platform, white baked enamel finish; inlaid composition mat affords protection against slipping. Speedometer type dial with powerful magnifying glass lens that makes it easy to read. Rubber feet on base prevents slipping and protects tile floor or floor covering. Rust-proof, heat treated working mechanism

Each
No. 15—Capacity 250 lbs by 1 lb graduations. Platform 7¾x10¾ ins.. ..... $22 50
One in in carton; wt each 21 lbs.

BATH ROOM SCALES
HEALTH-O-METER



All metal frame, white enameled; white porcelain dial with large figures and nickel plated rim; metal plate form fitted with cork mat. Weighs in pounds up to 250 lbs.

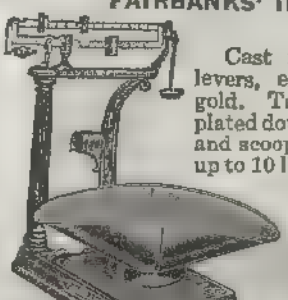
An adjusting device on the scale enables it to be set at zero mark if a basket is placed on the platform to weigh infants. Each
No. 3B—Capacity 250 lbs; height 8¼ ins, platform 7½x11 ins; base 7x10 ins; diam dial 7 ins..... $27 00
One in carton; wt each 27 lbs.

PHYSICIANS' SCALES
CONTINENTAL
With Telescoping Measuring Rod.

White baked enamel base, upright, beam base, and telescoping measuring rod; inlaid cork platform. Full capacity die cast alloy metal beam with agate bearings, notched graduations with figures in relief. No loose weights. Sliding tare poise on upper bar graduated by ¼ lb. for 50 lbs. indicating the weight, lower bar has notched graduations at 50 lbs, for 250 lbs. Telescoping measuring rod adjustable from 30 to 78 inches with ¼ inch graduations, equipped with flat head piece. Carefully inspected and tested with U. S. Standard test weights. Conforms to all weighing regulations.

Each
No. 202—Floor space required 11x22 ins; size platform 10½x 14 ins; height over all 60 ins...$120 00
Crated; wt each 82 lbs.

PLATFORM COUNTER SCALES
FAIRBANKS' IMPERIAL GROCERS'
Double Beam.

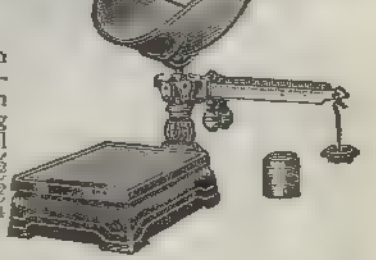


Cast iron frame, pillars, platform and levers, enameled black and striped with gold. Temperedsteel knife bearings; nickel plated double brass beams with sliding poises and scoop balance poise. Upper bar in ozs up to 10 lbs; lower bar in ½ lb up to 50 lbs. Platform 12x15 inches.

Capacity 1 ounce to 250 pounds.

Each
No. F505—Tin scoop... $ 97 50
No. F507—Brass scoop 102 00
One in wood box; wt each about 82 lbs.

FAIRBANKS'



Cast iron frame, platform and levers. Brass notched top; arrow point beam with nickel plated hanging poise. Maroon baked enamel finish. Platform 10½x13½ ins. Capacity 30 lbs x½ oz in scoop and 240 lbs x¼ lbs on platform.

Each
No. 508—Single beam; tin scoop; upper graduations, 5 lbs x½ oz; lower graduations 40x¼ lbs $48 00
No. 514—Double beam; brass scoop; front bar graduated 4 lbs x½ oz; back bar graduated 32x¼ lbs... 58 50
One in wood box; wt each about 70 lbs.

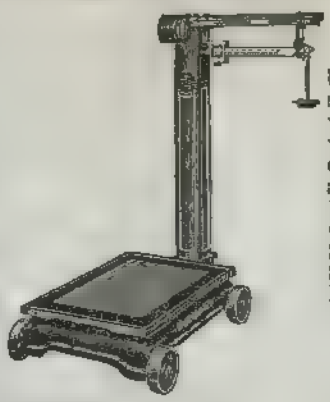
PORTABLE PLATFORM SCALES

AMERICAN
Self-Aligning Ball-Bearing.

Frame, platform and wheels extra heavy, pillar painted and varnished hardware, solid brass beam and poise, each scale carefully tested.

	Each
No. 49—Capacity 600x½ lbs; size platform 16x24 ins	$58 50

One in wood box; wt each 160 lbs.



FAIRBANKS'
Polished brass arrow-tip beam and sliding poise, with set screw; cast iron frame and wheels, enameled black; wood pillar and pillar cap, finished in blue. Full length steel axles; steel bearings.

Nos.	1128	1124
Capacity, lbs	500	1000
Size platform, ins	16x22	18x27
Ship wt, lbs.	150	175
Each	$57 00	66 00

One in wood box.

WAGON AND STOCK SCALES

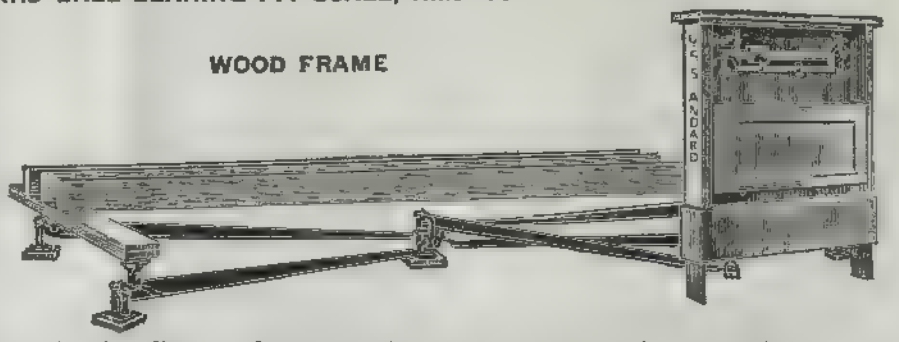
STANDARD BALL BEARING PIT SCALE, AMERICAN

Sealed to the U. S. Standard of Weights and is actually set up at the factory and tested under load. Levers in all types are of cast semi-steel; will not bend and are large enough to carry more than the required weight; well painted to prevent rust. All bearings are of tool steel, accurately ground and tempered to the required hardness. Provided with hardened ball bearings, placed between the platform and the main bearings, which absorbs the shock of driving on or off the scale.

Each scale provided with a standard full capacity compound beam brass faced, accurately graduated, notched on top roller bearing sliding poise. There are no loose weights as the upper bar is graduated by 200 pounds to full capacity of scale. Fractional weight bar with 2½ pound notches, tare bar graduated by 5 pounds, to full capacity of scale.

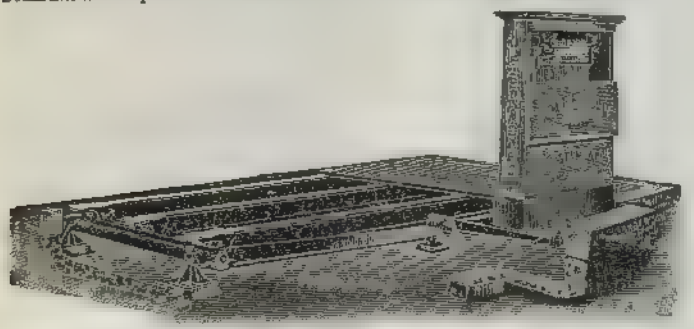
The beam box is well proportioned, substantially built of No. 1 Fir; painted three coats lead and oil; white, trimmed in black. Ball bearing platform, which absorbs shocks and protects the knife edge bearings. Furnished with all working parts including standard compound beam and beam box. Customer must supply the following: heavy timbers which support the platform material for the platform, concrete for pit and wood coping around pit. The pit should be about 28 inches deep.

WOOD FRAME



With Full Capacity Beam (No weights required).

Nos.	Capacity Tons	Platform Ft.	Ship Wt, lbs.	Each
23	5	8x14	550	✦$204 00
45	8	8x14	800	✦ 300 00
146	10	8x14	835	✦ 321 00
48	10	8x22	1000	✦ 399 00



STEEL FRAME, SHALLOW PIT, AMERICAN

By purchasing this type of scale a considerable saving is effected in the cost of installation, which offsets the higher initial cost. Steel joists are furnished with the scale and the depth of the pit is only 16 inches. The customer furnishing the wood for the platform, the concrete for the shallow pit and the timbers for the wood coping around the pit.

With Full Capacity Beam (No weights required).

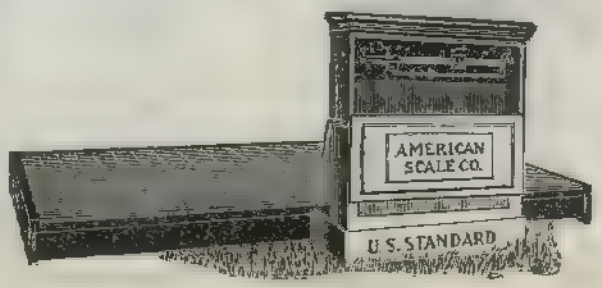
Nos.	Capacity Tons	Platform Ft.	Ship Wt, lbs.	Each
136	5	8x14	800	✦$294 00
88	8	8x14	950	✦ 495 00

STEEL FRAME PITLESS SCALE

Scale furnished complete with everything except the wood for the platform. Ready for use by setting it upon top of ground, building the wood platform and approaches of dirt, cinders or concrete at each end. All parts are of iron, steel or brass, except the beam box. Channel steel frame work and platform supports.

With Full Capacity Beam (No weights required.)

Nos.	Capacity Tons	Platform Ft.	Ship Wt, lbs.	Each
31	5	8x14	1400	✦$336 00
25	8	8x14	1800	✦ 498 00
26	10	8x14	2000	✦ 540 00
71	10	8x22	2600	✦ 720 00



✦F. O. B. Missouri Factory Only.

Genuine Coral and Carnelian Jewelry

THE rich reds and orange colors make most effective combinations when blended with these fine solid gold mountings. These coral and carnelian pieces are of choice quality and color, and the hand carvings are executed by master artisans. Because of the nature of these pieces, it is not always possible to duplicate them exactly, but from our extensive stock, we can match them very closely.

Mountings are all 14 Kt. solid gold. Illustrations show actual size

Selections of fine Coral or Carnelian, priced from $200.00 to $1000.00. List, sent for inspection.

Prices are list, subject to wholesale discounts.

J3250 Carved Carnelian, artistically carved choice color 14 Kt. green solid gold ring mounting $32.00

J3251 Genuine Coral Necklace and Pendant, 2 fine coral plaques of choice color and artistic workmanship in finely pierced mounting, 14 Kt. solid green gold chain. Length including drop, 16 inches $240.00

J3252 Genuine Coral Necklace and Pendant fine coral center plaque of choice color and carving, in 14 Kt. green gold mounting. 14 Kt. green gold chain, 16 inches long $110.00

J3253 Genuine Carnelian Necklace and Pendant. Large size Carnelian Pendant and center piece of fine deep color and exquisite carving. 14 Kt. green gold chain of effective new design and appropriate piercing. Length including drop, 21 inches $135.00

J3254 Genuine Coral Earrings. Exquisite pink coral, expertly carved with sunburst coral buttons on top. 14 Kt. solid green gold mountings for pierced or unpierced ears. Unusually effective and modern. Per pair $55.00

J3255 Genuine Coral Necklace. Choice ox-blood color coral beads, expertly graduated. 14 Kt. solid white gold spring ring. Choker length 15 inches $40.00

J3256 Genuine Coral Necklace, same as J3255 but of pink coral color $30.00

J3257 Genuine Carnelian and Seed Pearl Circle Brooch. Selected color, artistically carved, surrounded by 60 lustrous, genuine seed pearls. 14 Kt. solid green gold mounting $60.00

J3258 Genuine Coral and Seed Pearl Brooch. Choice color, carved by master craftsman. Surrounded by row of lustrous genuine seed pearls. 14 Kt. solid green gold mounting $90.00

J3260 Genuine Coral Novelty Bracelet. 5 fine ox-blood coral beads and 1 pear shaped drop. 14 Kt. solid green gold bracelet $30.00

J3261 Genuine Coral Bracelet. 3 selected ox-blood coral pieces, artistically carved. 14 Kt. green gold bracelet, entirely new and attractively pierced design $120.00

J3262 Genuine Carnelian Bracelet. 4 fine carnelian pieces, of choice color and artistic workmanship. New pierced bracelet of 14 Kt. solid green gold most effective and modern $90.00

Genuine Coral and Carnelian Jewelry

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Prices are list, subject to wholesale discounts.

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J3251 Genuine Coral Necklace and Pendant, 2 fine coral plaques of choice color and artistic workmanship in finely pierced mounting, 14 Kt. solid green gold chain. Length including drop, 16 inches $240.00

J3252 Genuine Coral Necklace and Pendant fine coral center plaque of choice color and carving, in 14 Kt. green gold mounting. 14 Kt. green gold chain, 16 inches long $110.00

J3253 Genuine Carnelian Necklace and Pendant. Large size Carnelian Pendant and center piece of fine deep color and exquisite carving. 14 Kt. green gold chain of effective new design and appropriate piercing. Length including drop, 21 inches $135.00

J3254 Genuine Coral Earrings. Exquisite pink coral, expertly carved with sunburst coral buttons on top. 14 Kt. solid green gold mountings for pierced or unpierced ears. Unusually effective and modern. Per pair $55.00

J3255 Genuine Coral Necklace. Choice ox-blood color coral beads, expertly graduated. 14 Kt. solid white gold spring ring. Choker length 15 inches $40.00

J3256 Genuine Coral Necklace, same as J3255 but of pink coral color $30.00

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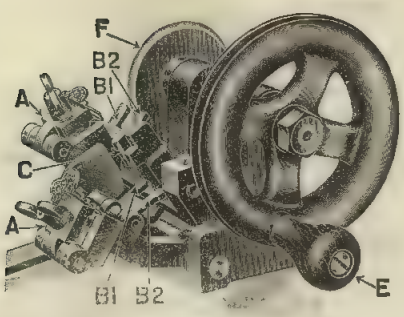
J3262 Genuine Carnelian Bracelet. 4 fine carnelian pieces, of choice color and artistic workmanship. New pierced bracelet of 14 Kt. solid green gold most effective and modern $90.00

AUTOMATIC KEY DUPLICATING MACHINES

DORUIN



This key cutting machine will cut duplicates of all makes of pin tumbler cylinder keys, all flat keys, double bitted keys, and solid and hollow barrel or stem keys, by changing the cutter or gauge. It will do this without complicated changes and adjustments, and possible loss of accuracy.

Equipped with two types of cutters, milling cutter (F) for cutting pin tumbler keys, and cutting saw (G) (not illustrated) for cutting all other kinds of keys. Can be operated by hand or driven by power if desired.

The hinged vises (A, A) hold both original key and blank to be duplicated in a rigid and correct position. A shelf on the end of each vise supports the bow on the cylinder key. On each vise is a hinged stop, which serves both as a top shoulder stop (B1) and as a setting stop (B2). The top shoulder stop is indispensable when cutting cylinder keys, as all cutting from the original should be started from the top shoulder. This stop (B1) insures accurate reproduction of the original key. The setting stop (B2) gives the correct distance from the cutter to the gauge by resting the shoulder of one stop (B2) against the cutter and the shoulder of the other stop (B2) against the gauge (C).

Two gauges (C, C), one for cylinder and one for other types of keys, are furnished with this machine. They can be interchanged quickly, and easily placed in correct position. The exactness of each may be quickly proved by the setting stop (B2).

After the original key and the blank to be cut are placed in position, raise lever (D) (not illustrated) with left hand, turning handle (E) until cutter (F or G) (G not illustrated) engages and cuts into blank to be duplicated.

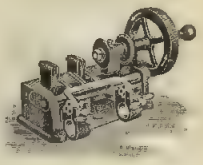
NO.	Wt. Each	EACH
85	**12 lb.**	$51.00

One in a wooden box.

Extra Cutters From Factory Only

	EACH
Milling Cutters	$10.00
Cutting Saws	.90

SEGAL



Cuts all makes of flat keys, such as trunk, letter-box, padlock keys, etc., as well as cylinder or paracentric keys.

Cutters and guides need not be changed.

Cuts from the lowest groove as the manufacturer does, or from the bottom of the key, as you prefer.

The patented constructed vise holds the key in place so firmly that it cannot slip.

Gauges key from upper shoulder.

Extra length rotary shaft bearing, which insures accuracy, strength and durability.

Cuts key in less than one minute.

Makes an accurate duplicate out of an inaccurate blank. That is why it is called the Rectifying Key Cutter.

Operates by hand or power.

NO.	lb Each	EACH
800	10	$73.50

One in a box.

Same as the No. 800 except it will cut paracentric cylinder keys only.

NO.	lb Each	EACH
900	10	$60.00

One in a box.

KEYS CUT TO SAMPLE

Extra keys cut for padlocks, cabinet locks, door locks and cylinders when furnished from our stock.

Note—The prices listed for cut keys, does not include master keys. Master keys are priced elsewhere.

	EACH
Cylinder Keys	$0.40
Flat Padlock Keys	.40
Flat Cabinet Lock Keys	.30
Mortise Lock Bit Keys	.45

NOTE—See page 1840 for exceptions to price on mortise lock bit keys.

"MY MOTHER AND DAD ARE THE BEST IN THE WORLD"

BLACK BEAUTY

That's what Bobby says as he throws out his little chest. Why?—because they've just given him a new Corcoran Black Beauty.

Kiddies love them—and because they do—fond parents everywhere are buying them. That's why progressive merchants cannot afford to overlook Corcoran Green Arrow Toys. They are as true to life both in appearance and action as it is possible to make a toy: constructed of all steel, assuring long life, and yet not excessively heavy and easily handled. Write for your catalogue containing complete information.

The Black Beauty—mechanism gives sensation of actually riding a horse—will delight any girl or boy.

The Red Bird—built close to the ground and has a gentle, safe, planing motion—for the younger girl or boy.

The Red Hawk—for the older child who wants a little more speed and action—looks like a real plane.

The Red Eagle—a "real" toy for a "real" boy—has joy stick that throws plane into a climbing position. Thrills—speed—action and perfectly safe.

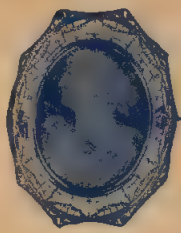
Corcoran Vehicles are made only in Cincinnati

THE CORCORAN MFG. CO.

Juvenile Vehicle Division

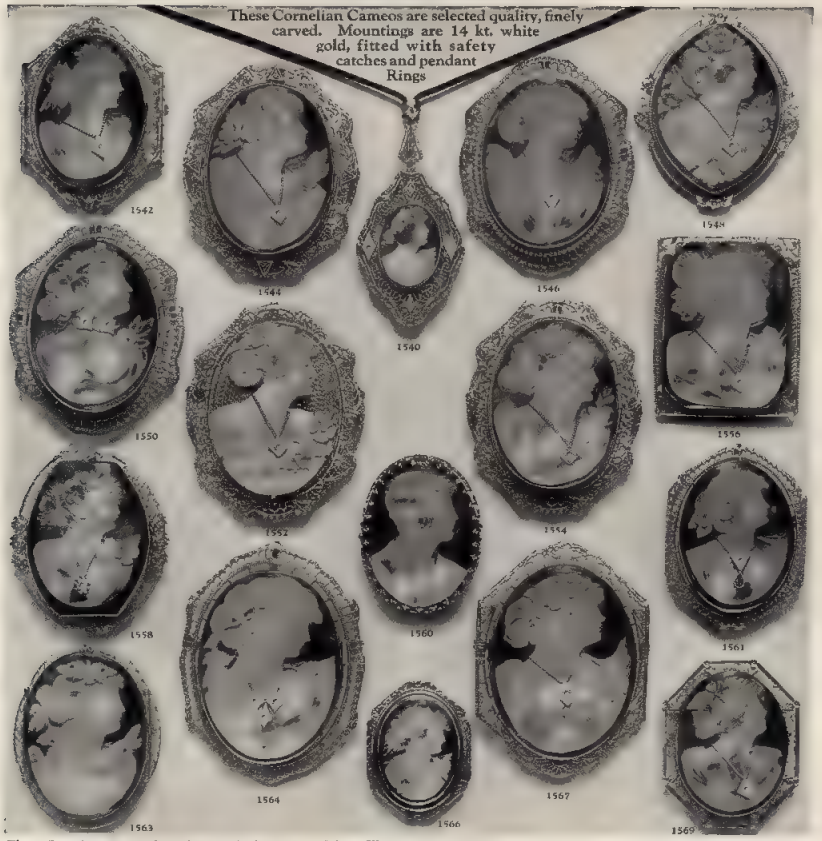
NORWOOD Dept. T-830 CINCINNATI, O.

Fine Quality Genuine Cameo Brooches



No. 8602 CAMEO BROOCH. Sterling Silver, open Filigree frame, in permanent Chromium finish. Picture shows it natural size. Set with genuine Cornelian Cameo with artistic cut portrait in old ivory and brown shading effect. Very excellent and rich looking brooch. Each .. .. ..

GENUINE CORNELIAN CAMEOS



These Cornelian Cameo Brooches are Light Copper Color. Illustrations Actual Size. *Prices are list, subject to wholesale discounts.*

No.	Diamonds Are Selected Quality, Fine White Color	Price
1540—	14Kt. White Gold, finely carved, 2 genuine Diamonds, 2 Im. Emeralds, combination sautoir and brooch, removable attachment	$76.00
1541—	14Kt. White Gold, same as 1548, without Diamond	58.00
1542—	14Kt. White Gold, pierced; 14Kt. Chain, Fine Diamond	40.00
1543	14Kt. White Gold, same as 1542, without Diamond and Chain	26.50
1544—	14Kt. White Gold, Finely Pierced; Fine Diamond; 4 Im. Blue Sapphires 14Kt. Gold Chain, Effective Design	54.00
1545—	14Kt. White Gold, same as 1544, without Diamond	30.00
1546—	14Kt. White Gold, Finely Pierced, 100 Genuine Seed Pearls, Fine Diamond, 14Kt. White Gold Chain, Very Effective	85.00
1547	14Kt. White Gold, same as 1546, without Diamond and Chain.	53.00
1548—	14Kt. White Gold Engraved; 14Kt. Chain Fine Diamond	44.00
1549—	14Kt. White Gold same as 1548, without Diamond & Chain.	30.00
1550—	14Kt. White Gold Pierced, 14Kt. Chain, 2 Fine Diamonds	53.00
1552	14Kt. White Gold Cut Out Head on 14Kt. White Gold Pierced Mounting, 14K. Gold Chain, Fine Diamond	$37.00
1553—	14Kt. White Gold, same as 1552, without Diamond & Chain	24.50
1554—	14Kt. White Gold, Pierced 14Kt. Chain, Fine Diamond	43.00
1555—	14Kt. White Gold; same as 1554; without Diamond & Chain	31.00
1556—	14Kt. White Gold, Pierced, 14Kt. Chain; Fine Diamond	$46.00
1557—	14Kt. White Gold same as 1556 without Diamond & Chain	32.00
1558—	14Kt. White Gold Pierced, 14Kt. Chain, Fine Diamond	40.00
1559	14Kt. White Gold, same as 1558 without Diamond & Chain	27.00
1560—	14Kt. White Gold Bobbed Hair Design, No Pendant Loop	15.70
1561—	14Kt. White Gold, Finely Pierced, Fine Diamond, Im. Blue Sapphire 14Kt. Gold Chain The Very Newest	41.00
1562—	14Kt. White Gold, same as 1561 without Diamond & Necklace	26.00
1563—	14Kt. White Gold, Finely Pierced, Stylish Mounting	22.60
1563A—	14Kt. Green Gold same style and size as 1563	22.00
1564—	14Kt. White Gold, Finely Pierced, 8 Matche Fine Small Diamonds, 14Kt. Gold Chain; A Charming Number	70.00
1566—	14Kt. White Gold Hand Engraved, Popular Small Design	14.50
1567—	14Kt. White Gold, Pierced; 14Kt Chain Fine Diamond	48.00
1568—	14Kt. White Gold same as 1567 without Diamond & Chain	30.30
1569—	14Kt. White Gold Finely Pierced, 14Kt. Gold Chain, Fine Small Diamonds, Our Special, Best Value on the Market	26.50
1570—	14Kt. Green Gold same as 1569, Fine Small Diamond	27.00
1571	14Kt. White Gold, same as 1569; without Diamond	17.50
1572—	14Kt. Green Gold, same as 1570, without Diamond	17.80

Sterling Silver Sautoir Chains; Neat Bar and Cable Links, Length, 26 inches, Furnished at $4.00 List.

GLOW PRODUCTS CO. Manufacturers of Games 20 West 22nd Street, New York

"VERDUN" THE TRENCH GAME Retails at $1.00

"TICKER" THE WALL ST. GAME Retails at $5.00

All Aces and Sure Tricks . . . Be Sure to Visit Room 783 Palmer House

WRITE FOR SAMPLES

CONTRACT DIAL SCORE AND BRIDGE COVER
To Retail for $2.00
A Splendid Cover and a Contract Scoring and Trick Value Guide (2 in 1)
A Wonderful Item for Your Adult Game Department.

ON DISPLAY AT CHICAGO—ROOM 783, PALMER HOUSE, A. V. HOEST, REP.

HARVA
RED and COLORED Rubber TOYS

The HARVA Toy group illustrated above is one of many Red and Colored rubber toy assortments being offered. The HARVA Line is the most extensive of its kind and provides a variety that responds to all requirements. These Toys are renowned for their superior quality and detailed character. Other assortments contain both animal and doll figures. Immediate deliveries are made from large stocks maintained at all times in New York.

JULIUS SCHMID, Inc. 423-439 W. 55th ST. NEW YORK CITY

"COR-COR"
Real Steel Toys
Big Sensational Sellers!

SPOT welded, baked enamel finish. Consist of Busses, Dump Trucks, Delivery Trucks, Army Trucks, Auto Van, Airplanes, Scooters, etc.

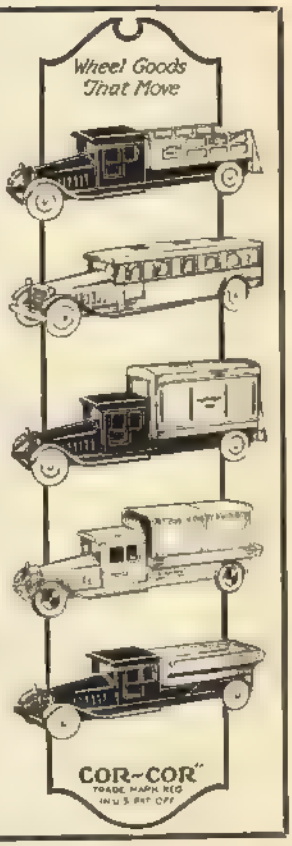
MADE IN ONE OF THE LARGEST TOY PLANTS IN AMERICA

Each toy individually boxed. Length of toys, 24" to 26". Height, 6½ to 9½ in. New items all the time. Keep in touch with our distributors.

Distributed by
Strobel-Wilken Co., Inc.
33-37 E. 17th St., N. Y.

Exclusive Canadian Representatives:
HAROLD F. RITCHIE & CO., Ltd., TORONTO

CORCORAN MFG. CO.
Washington, Indiana, U.S.A.



SALABILITY — PROFITS — CUSTOMER SATISFACTION

If YOU measure a product by such standards, you want the complete SCHWERDT Line of Toys.

SCHWERDT'S STUFFED DOLLS & ANIMALS

made up in Powder Puff Velvet, Crushed Plush, Terry Cloth, Crepe—Sizes 8½" to 11½". Wrapped with or without Cellophane.

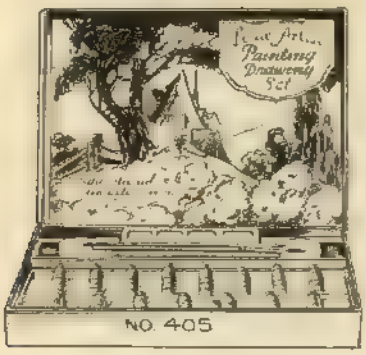
Priced right SCHWERDT Toys give you a satisfactory margin of profit—and because of their salability they turn over FAST.

WRITE FOR SAMPLES AND PRICES—IMMEDIATE DELIVERY

Schwerdt Mfg. Co.

608 36th ST, UNION CITY, N. J.

New York Representatives: STROBEL-WILKEN CO., INC., 33-37 East 17th Street



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SURE SELLERS!

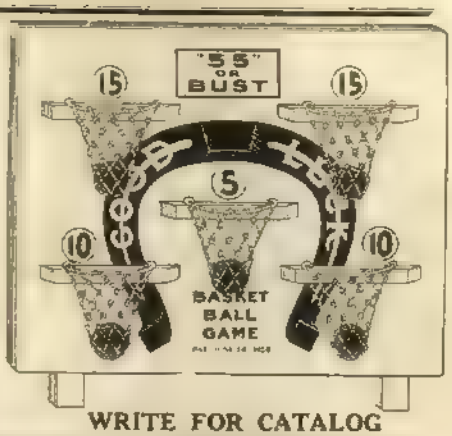
Offering greater value than ever before, every Jobber and Dealer should get the facts on our NEW and IMPROVED

Art Needlework Sets
Little Artist Painting Sets
Little Artist Crayon Sets
Bean Bag Games
Picture Sewing Cards
Picture Cut Outs
Basket Ball Games
Musical Solophones, etc., etc.

Catalogues and samples cheerfully submitted on request

Standard Solophone Mfg. Co.
128-2 WEST 18th ST. NEW YORK

On Display At The
CHICAGO TOY FAIR
ROOM 783, PALMER HOUSE
A. V. HOEST, Rep.



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An Outstanding Line of

CHRISTMAS SURPRISE PACKAGES

To Retail at 25c and 50c

Also a Wide Range of
BOXED GAMES and TOYS

Including

Combination Painting & Stencil Outfits, Kindergarten & Work Box Outfits, Etc.

To Retail from 10c to $1.00

We also manufacture a Complete Line of Paper Specialties suitable for Resale and Give-aways.

UNIVERSAL TOY & NOVELTY MFG. CO.
2327 Third Ave. New York City

ACME

Quality Dolls for 19 years

BABY, MAMA AND SLIM BODY STYLES

Colorful Costumes, Smartly Styled

Acme Toy Mfg. Co.
121-131 WEST 19th STREET
(Bet. 6th and 7th Ave.), New York

The New SILVER ACE *Flamingo*

½ ounce flying model construction set @ $1.50, and the other outstanding leaders in all price classes, make the SILVER ACE Squadron the fastest selling line of flying models.

Send today for the new 1930 catalog of ships, sets, kits and accessories

AERO MODEL COMPANY
Dept. I-21
111 NORTH WACKER DRIVE, CHICAGO
Chicago Toy Fair Headquarters, 606 Palmer House

Three Novelty Balls of Pyralin — Beautifully Decorated

Patented No. 1327758

"CRYING BAWL": Cries lustily as it rolls.

"WATER BAWL": Everybody wonders how the water and floating fish got in and why they can't get out.

"BOUNCING DURABALL": New process of manufacture gives it a real snappy bounce.

Patented No. 1788641

Manufactured by

ARTHUR V. DA COSTA, 12 Beverly Street, Providence, R. I.

JOBBER and SYNDICATE SPECIALS

First Time Offered to the Trade

STUFFED ANIMALS AND TEDDIES

Complete Line on Display During
Pacific Coast Toy Fair at
STANDARD TOY AGENCIES
718 Mission Street, San Francisco, Cal.

NATIONAL FRENCH FANCY NOVELTY CO.

2058 Pitkin Avenue Brooklyn, N. Y.

Salesroom: 215 Fourth Avenue, New York

Sheep Dog

"COR-COR"
Real Steel Toys

Big Sensational Sellers!

SPOT welded, baked enamel finish. Consist of Busses, Dump Trucks, Delivery Trucks, Army Trucks, Auto Van, Airplanes, Scooters, etc.

MADE IN ONE OF THE LARGEST TOY PLANTS IN AMERICA

Each toy individually boxed. Length of toys, 24" to 28". Height, 6½ to 9¼ in. New items all the time. Keep in touch with our distributors.

Distributed by

Strobel-Wilken Co., Inc.

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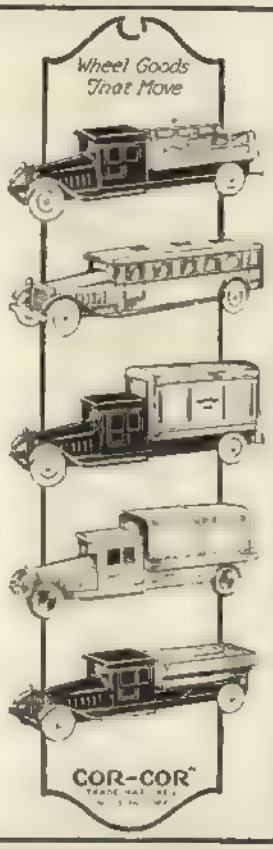

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JULIUS SCHMID, Inc. 423-429 W. 55th ST. NEW YORK CITY

Molly-'es

WRITE for PRICES

Come and See the Very Latest in

EXCLUSIVE
HAND SMOCKED and HAND EMBROIDERED

DOLLS CLOTHES

including Dresses, Hats, Coats and Pajamas. These Outfits will clothe domestic and imported dolls of various makes.

Permanent Display in the Showroom of

E. I. HORSMAN CO., INC.

200 5th Avenue, New York City Room 522

MOLLY-'ES
6348 WOODLAND AVE., PHILADELPHIA, PA.

Three Novelty Balls of Pyralin — Beautifully Decorated

THE ORIGINAL WATER BALL MFD & PAT'D A.D. U.S.A.

"CRYING BAWL": Cries lustily as it rolls.

"WATER BAWL": Everybody wonders how the water and floating fish got in and why they can't get out.

"BOUNCING DURABALL": New process of manufacture gives it a real snappy bounce.

ORIGINATED IN U.S.A. CRYING BAWL TRADE MARK MFD BY A.V.D. PATENT PENDING

Patented No. 1227758 Patented No. 1709661

Manufactured by

ARTHUR V. DA COSTA, 12 Beverly Street, Providence, R. I.

SHAW DOLLS

For JOBBERS and QUANTITY BUYERS

25c to $10.00 SELLERS

We will exhibit only at our showroom during Summer Toy Week

SHAW DOLL CO., Inc.

Factory and Showrooms:

141 WOOSTER STREET NEW YORK CITY

Phone Spring 2882

Something New!

STARK'S BALL GUN

THE BIG SHOT IN TOYS

It is a big, rugged, handsome gun. Finished in bright red and comes complete with a soft red rubber ball, absolutely safe and harmless. Made in two sizes. Retails 50c and $1.00.

THE FORREST MFG. CO.

8110 LAKE AVE. CLEVELAND, O.

KAZOOS

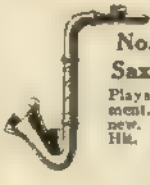
Protected by Patents

MUSIC MAKERS AND FUN MAKERS

WM. SHALAND

7 East 17th Street, New York

NEW YORK OFFICE



No. 7—Miniature Saxophone Kazoo

Plays like the big instrument. Something entirely new. The Season's Biggest Hit.

Retails at 5c

No. 35—Kazoo Bell Noise Maker. The best and most attractive tenor noise maker on the market. This item is very strongly made of heavy metal. Nothing to get out of order. It is 8 in. long overall. Has two cymbals 3½ in. diameter that sell like rattlers on the beside. Lithographed in assorted colors. Packed one dozen to the box.

No. 19 The Old Reliable

Always a Favorite and a Big Money-maker Now Offered in Handsome 2-Color Combinations and Imitation "Finger Notes"

KAZOO CO., Inc.

Office 535 E. Utica St., Buffalo, N. Y.

Factory: Eden, Erie Co., N. Y.

Oldest and Largest Kazoo Mfrs. in the World

Originators of Kazoo Instruments, Horns, Noise Makers, Advertising Novelties and Games

Ask Your Jobber About These Items—WRITE FOR PRICES

No. 717 LARGE SAXOPHONE KAZOO

9 in. long. Melodious Tone. Plays Real Jazz The Season's Biggest Hit.

25c Value at 10c

TELEPHONE MOUTH PIECES

BURNS

USES—For replacing mouth piece on transmitter of standard telephones.

SPECIAL FEATURES—Germproof, sanitary and attractive. May be wiped clean without removal or can be quickly removed and disinfected. Approved by operating telephone companies.

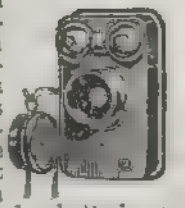
MATERIAL—Clear crystal glass with threaded metal section for screwing into transmitter front.

	Each
No. GM-2—Fits Chicago, Bell and Swedish American (Old Style)	84 $0 40
No. GM-4—Fits Kellogg, Garford and Swedish American (New Style)	84 40
No. GM-6—Fits American Electric, Leich, Monarch, and Stromberg Carlson	84 40
No. GM-8—Fits Automatic	84 40
No. GM-19—Fits Chicago Telephone and Supply Co. *One in cardboard box; wt each 2 ozs.*	84 40

TELEPHONES

COUCH

YANKEE WALL SET



Set consists of two black enameled steel case wall telephones, each fitted with transmitter receiver and mechanism mounted on steel frame; nickel plated trimmings. Designed for two station operation only, a system may consist of two Yankee wall sets or one wall and one hand set. Easily installed by connecting two wires in which case two dry cell batteries should be fitted at each end or by running three wires between the phones, one battery or three or four dry batteries and choke coil may be fitted at one end only. Installation permits communication between the house, garage, upstairs, downstairs, basement, etc.

Supplied with fixing screws and wiring diagram ready for quick installation.

Takes at least 2 or more phones to make a set.

	Each
No. YWS—Size wall station box 6½x4¼ ins	$22 20

One in carton; wt per set 6 lbs.

YANKEE HAND SET

Set consists of two hand microtelephones fitted with calling button and press to talk key for controlling talking circuit which is attached by 48 inches of cord to black enamel finish metal wall station containing buzzer line and battery terminals. Easily installed. Installation permits communication between the house, garage, upstairs, downstairs, basement, etc.

Supplied with fixing screws and wiring diagram ready for quick installation.

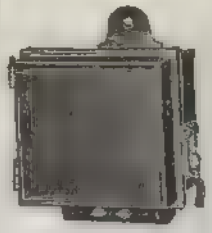
Takes at least 2 or more phones to make a set.

	Each
No. YHS—Size wall station box 4½x2¾ ins	$33 00

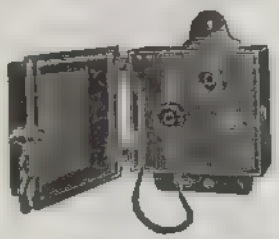
One set in carton; wt per set 2½ lbs.

TELEPHONES

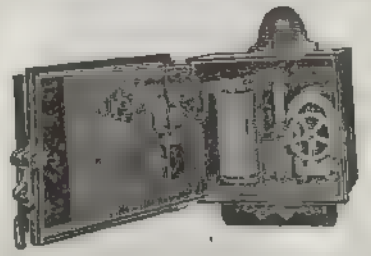
MINE



An all metal telephone waterproof, fire and gas proof and rust proof; for underground use. All parts are enclosed in an iron case which is treated with a metallic rust-proof paint that will resist the action of moisture or coal gas fumes. Double constructed doors, fitted with rubber and felt gaskets.



Equipment consists of standard bridging telephone parts, including powerful five bar generator, three inch gongs, solid back transmitter, bi-polar receiver, etc. Impregnated ringer coils, induction coil, armature, receiver cord and bobbins, absolutely moisture proof and afterwards covered with an insulating varnish. Brass screws and parts are used wherever possible and all steel parts heavily tinned preventing corrosion or rust. Intended for installation under ground or in exposed places, but are wired for standard bridging circuits and can be used in connection with regular wall or desk type bridging telephones.



	Each
No. 91—Five bar generator; 2000-ohm ringer	+$106 05
No. 92—Five bar generator; 2500-ohm ringer	+ 106 50

One in wood box; wt each 50 lbs.

MICA FUSES

Western Union Style.

Copper Terminals.

¼ ampere, 2¼ inches long. For use in telephone fuse blocks and lightning arresters. Fuse wire enclosed between two strips of mica.

	Per 1000
No. 8-CTC—Closed type, 50 in box	$75 00

Wt per 100, ¼ lb.

FUSE BLOCKS

For Telephone Work.

Without fuses; Porcelain Base; Brass Mountings.

To be used with 2¼ inch mica fuses.

	Per 100
No. 18—Size ¾x3½ ins	68 05 *$20 00*

5 in cardboard box; wt per box 1 lb.

LIGHTNING ARRESTERS

Double Pole; Porcelain Base; Horizontal Carbons.

To be used with 2¼ inch mica fuses.

	Per 100
No. 86—Size 1¾x4½ ins	104 40 *$35 00*

5 in cardboard box; wt per box 2 lbs.

+F. O. B. Indiana Factory Only.

TELEPHONE PARTS

CHICAGO

	Each
No. 256 — Transmitter complete	$5 25
No. 440 — Mouth piece only	24
No. 246— Receiver and cord	4 95
No. 1C—Cap only	60
No. 15—Shell only	90
No. 466—Cord only	63

Packed loose.

EXTENSION BELLS

CHICAGO

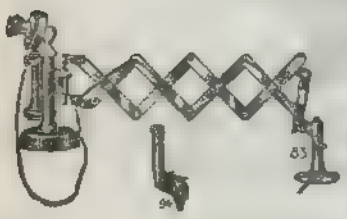
Neat and compact. Made of quartered sawed oak, golden gloss finish. Size 6x6x4¾ ins.

	Each
No. 237A—1000 ohm	$10 50
No. 237B—1600 ohm	11 25
No. 237C—2500 ohm	12 00

One in box; wt each about 10 lbs.

TELEPHONE BRACKETS

BURNS REGULAR



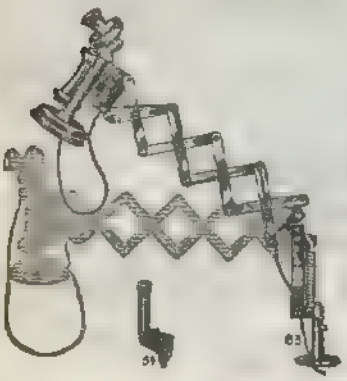
Used for mounting telephones.

Adjustable in and out. Steel, black finish.

Furnished with either No. 94 mounting for roll top desks, or No. 83 mounting for flat top desks. Unless otherwise specified No. 94 mounting will be furnished.

Nos.	87	107	127
Length bracket extended, ins	26	30	34
Wt each, lbs	5	6	7
Each	9 45	10 50	11 65
One in cardboard box.	*$4 50*	*5 00*	*5 50*

BURNS HILO



Used for mounting telephones.

Adjustable in and out and up and down. Steel, black finish.

Furnished with No. 94 mounting for roll top desks, or No. 83 mounting for flat top desks. Unless otherwise specified No. 94 mounting will be furnished.

Nos.	H87	H127
Length bracket extended, ins	28	32
Wt each, lbs	7	8
Each	13 65	14 70
One in cardboard box.	*$6 50*	*7 00*

MOUNTINGS ONLY

Cast steel, black baked enamel finish, four screw holes.

		Each
No. 83—For flat top desks	1 69	*$0 75*
No. 94—For desk or wall	1 69	*75*

Packed loose; wt each 4 ozs.

GLASS INSULATORS

Mine.

No.	95
Height, ins	3¾
Diam, ins	2⅞
Groove, in	⅝

Less than bbl lots, Per 1000, F.O.B. Louisville, Ky — $524 34

Bbl lots, Per 1000 — F. O. B. Louisville, Ky — 436 95; F. O. B. Muncie Ind — +436 95

200 in bbl; wt per bbl 295 lbs.

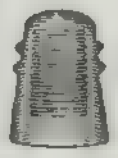
Cable.

No.	62
Height, ins	4
Diam, ins	3½
Saddle, ins	1¼

Less than bbl lots, Per 1000, F. O. B. Louisville, Ky — $446 40

Bbl lots, Per 1000 — F. O. B. Louisville, Ky — 372 00; F. O. B. Muncie, Ind — +372 00; F. O. B. Dolcito Junction, Ala — +372 00

125 in bbl; wt per bbl 275 lbs.



Telephone, Single Groove.

No.	9
Height, ins	3¾
Diam, ins	2¼
Grooves, in	5/16

Less than bbl lots, Per 1000, F. O. B. Louisville, Ky — $148 20

Bbl lots, Per 1000 — F. O. B. Louisville, Ky — 123 45; F. O. B. Muncie, Ind — +123 45; F. O. B. Dolcito Junction, Ala — +123 45

400 in bbl; wt per bbl 260 lbs.

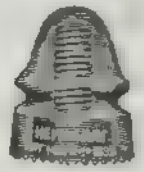
Telephone, Double Groove.

No.	12
Height, ins	3⅛
Diam, ins	2½
Grooves, ins	⅜ & ¼

Less than bbls lots, Per 1000, F. O. B. Louisville, Ky — $152 40

Bbl lots, Per 1000 — F. O. B. Louisville, Ky — 126 90; F. O. B. Muncie, Ind — +126 90; F. O. B. Dolcito Junction, Ala — +126 90

400 in bbl; wt per bbl 260 lbs.



Deep Groove, Double Petticoat.

No.	19
Height, ins	4
Diam, ins	3¼
Groove, ins	⅜

Less than bbl. lots, Per 1000, F. O. B. Louisville, Ky — $209 10

Bbl lots, Per 1000 — F. O. B. Louisville, Ky — 174 15; F. O. B. Muncie, Ind — +174 15; F. O. B. Dolcito Junction, Ala — +174 15

200 in bbl; wt per bbl 270 lbs.

Street Railway.

Extra Deep Groove, Double Petticoat.

No.	20
Height, ins	4
Diam, ins	3¼
Groove, in	¾

Less than bbl. lots, Per 1000, F. O. B. Louisville, Ky — $209 10

Bbl lots, Per 1000 — F. O. B. Louisville, Ky — 174 15; F. O. B. Muncie, Ind — +174 15; F. O. B. Dolcito Junction, Ala — +174 15

200 in bbl; wt per bbl 256 lbs.

+F. O. B. Factories Only, as above.

WOOD MINNOWS
CREEK CHUB

FAMOUS PIKIE MINNOW

Genuine cedar, slim body; rust proof bronze hooks set in sockets and blend with color of body. Gives best results when reeled slow but will not revolve if reeled fast. Especially designed near surface wiggler but by turning up the screw eye and reversing mouth piece it becomes a surface splatter. Length body 4½ inches.

	Per Doz
No. 700—Pikie minnow, scale finish	$25 20
No. 701—Natural yellow perch, scale finish	
No. 702—White with red head	
No. 704—Golden shiner, beautiful light golden sides	
No. 705—Natural Pikie, red side	
No. 708—Rainbow	
No. 718—New silver flash	

One in cardboard box; wt per doz 1⅓ lbs.

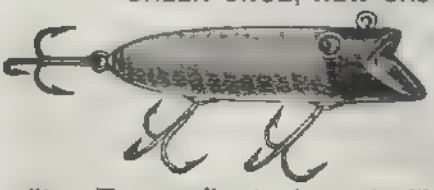
CREEK CHUB, FLYROD CRAWDAD

Small body with squirrel tail, claws, feather legs and tail; with No. 1/0 O'Shaughnessy hook. Made to float and for use with split shot. Length body 1 inch.

	Per Doz
No. F50—Natural crab color	$19 80
No. F51—Tan color	19 80

One in cardboard box.

CREEK CHUB, NEW CASTROLA



Genuine cedar; three rust-proof bronze treble hooks, set in sockets and blend with color of body. Perfect caster and equally good for trolling. Has a puzzling, teasing motion like a real live minnow. Length body 3⅝ inches.

	Per Doz
No. 3100—Natural pike, scale finish	$22 50
No. 3101—Natural perch, scale finish	22 50

One in cardboard box; wt per doz ½ lb.

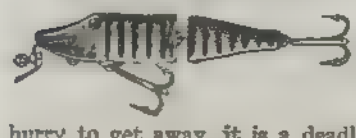
CREEK CHUB, MIDGET PIKIE

Genuine cedar; two rust-proof bronze treble hooks, set in sockets and blend with color of body. Adapted especially for the caster who uses light tackle and for stream fishing. Floats when cast and is strong enough to hold big fish. Length body 2¾ inches.

	Per Doz
No. 2200—Natural pikie, scale finish	$22 60
No. 2201—Natural perch, scale finish	
No. 2202—White with red head	
No. 2204—Golden shiner, scale finish	

One in cardboard box; wt per doz ½ lb.

CREEK CHUB, NEW BABY JOINTED PIKIE



Genuine cedar; two rust-proof bronze treble hooks, set in sockets and blend with color of body. Represents a live minnow in a hurry to get away, it is a deadly killer in rivers and lakes. Length body 2¾ inches.

	Per Doz
No. 2700—Natural pike, scale finish	$30 30
No. 2701—Natural perch, scale finish	
No. 2702—White with red head and tail	
No 2718—New silver flash	

One in cardboard box; wt per doz ¾ lb.

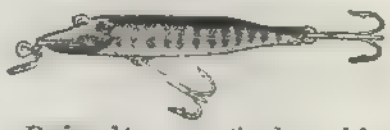
WOOD MINNOWS
CREEK CHUB, NEW JOINTED PIKIE

Genuine cedar; three rust-proof bronze treble hooks, set in sockets and blend with color of body. Represents the living, breathing minnow with its smooth, sensuous, snaky glide. Length body 4¼ inches

	Per Doz
No. 2600—Natural pike, scale finish	$33 00
No. 2601—Natural perch, scale finish	
No. 2602—White with red head	
No. 2618—New silver flash	

One in cardboard box; wt per doz 1 lb.

CREEK CHUB, BABY PIKIE



Genuine cedar, light slim body; rust proof bronze hooks are set in sockets and blend with color of body. Designed to answer the demand for a smaller bait which has been making record catches of game fish. Length body 2¾ ins.

	Per Doz
No. 900—Natural pikie, scale finish	$24 00
No. 901—Natural yellow perch, scale finish	
No. 904—Natural golden shiner, scale finish	

One in cardboard box; wt per doz 1⅓ lbs.

CREEK CHUB, CRAWDAD WIGGLER

Genuine cedar, natural shaped body and tail, black bead eyes, rubber legs bronze hooks. Backward movement same as crab with wiggle in tail floats until started. Tail guards hooks from snags and bottom. Length body 2¾ inches.

	Per Doz
No. 300—Natural crab, shel finish	$24 00
No. 315—Tan color, shell finish	24 00

One doz in cardboard box; wt per doz 1½ lbs.

NEW CREEK DARTER

Genuine cedar body; rust proof nickel plated treble hooks. When going through water darts about near surface in life like manner. Length body 3¾ ins.

	Per Doz
No. 2000—Natural frog coloration	$19 80
No. 2002—White with redhead	
No. 2009—Green back scale finish	
No. 2014—Yellow spotted	
No. 2018—Silver flash	

One in cardboard box; wt per doz 1½ lbs.

CREEK CHUB, NEW PLUNKER

Wood body, water proof enameled finish. Equipped with two treble hooks. A splendid lure for the lazy bass. When in action it makes a peculiar sound of plunk, ker plunk.

Very effective when used in likely looking pockets in the reeds or pads and given short jerks to keep it bobbing, dancing, fussing and ker plunking. Length 3 inches.

	Per Doz
No. 3200—Natural pikie, scale finish	$19 80
No. 3201—Natural perch, scale finish	
No. 3208—Rainbow finish	
No. 3218—Silver flash finish	

One in cardboard box; wt per doz 1¾ lbs.

WOOD MINNOWS
CREEK CHUB, WEED BUG

Wood body, waterproof enameled in meadow frog colors. Equipped with two single hooks. Designed to take the place of pork chunk and live frog bait. Floats when cast, the hooks are in the best position to receive all strikes. Shape of head enables it to go through reeds and lily pads without fouling, the planes take it through moss and weeds. Used in bad places where other baits can not be used, very attractive for night fishing.

	Per Doz
No. 2819—Length body 2 inches	$26 40

One in cardboard box; wt per doz 1¼ lbs.

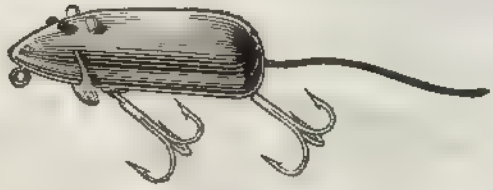
FRED ARBOGUST, TIN-LIZ

Molded of bright, rustless metal, with every detail perfect. Most realistic crippled minnow made. Real mouth, gills, fins and shining scales. Has a great range of depth. Sinks with a fluttering motion. Reeled fast with the rod held high can be skipped along the surface. Length 3¼ inches.

	Per Doz
No. TL1—Red side chub	$26 40

Half doz on display card with individual boxes furnished; wt per doz ½ lb.

ARTIFICIAL BAIT
CREEK CHUB LUCKY MOUSE



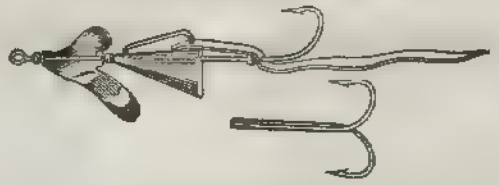
Wood body, water-proof enamel finish. Pyralin plane and ears; bead eyes; braided fabric tail. Equipped with two treble hooks so placed to make it a sure hooker and eliminate becoming entangled.

Produces a life like imitation of a swimming mouse when slowly reeled, when retrieved moderately fast produces a churning effect on the water. Length 2½ inches.

	Per Doz
No. 3600—Natural grey finish	$26 40
No. 3602—White with red eyes	
No. 3613—All black	

One in cardboard box; wt per doz 1 lb.

ARTIFICIAL BAIT
CREEK CHUB WIGL-Y-RIND



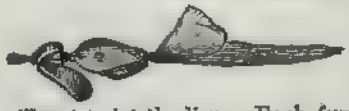
Brass spinner and weighted brass shell body, nickel plated and highly polished. Furnished with two hooks, single and double. Single hook easily removed and double hook substituted. Spinner can be used with any standard buck tail or streamer fly.

The big slow motion spinner gives the rind or fly a natural swimming motion, the shape of spinner aids in preventing fouling in weeds. Uses any standard pork rind.

	Per Doz
No. 10$—Size display card 11x14 inches	$22 50

One in cardboard box, half doz mounted on easel back counter display card; wt per doz 1¾ lbs.

FOSS' SHIMMY WIGGLERS



Brass, heavily nickel plated. Practically weedless as it rides hook up passing over weeds and obstructions, and will not twist the line. Each furnished with Foss' Bucktail streamer and one hook.

	Per Doz
No. 5SW-R3/0—Red with No. 3/0 hook	$26 40
No. 5SW-W3/0—White with No. 3/0 hook	
No. 6SW-R5/0—Red with No. 5/0 hook	
No. 6SW-W3/0—White with No.3/0 hook	
No. 6SW-R1/0—Red with No. 1/0 hook	

One in metal box; wt each 6 ozs.

FOSS' DIXIE WIGGLERS

Brass heavily nickel plated. Equipped with detachable hook and bucktail fly. Casts right to the spot like a bullet. Hook rides upright and cannot turn over. The spinner is so disigned that it cuts its way through weeds making a clear passage for the hook. The pull when retrieving is strong enough to keep line taut at all times making it very effective on hooking striking finish.

	Per Doz
No. 13R-3/0—Red with No. 3/0 hook	$26 40

One in cardboard box; wt per doz ½ lb.

FOSS' BUCKTAIL STREAMERS

Brass, nickel plated. Will positively ride upright and will not twist the line.

Fitted with eyed weedless fly and small strip of pork rind on curve of hook..

Color	With No. 3/0 Hook	Per Doz	With No. 5/0 Hook.	Per Doz
Red	**No. 3R**	$6 60	**No. 5R**	$6 60
Black	**No. 3B LK**		------	
Brown	**No. 3B**		**No. 5B**	
Purple	**No. 3P**		------	
White	**No. 3W**		------	
Yellow	**No. 3Y**		**No. 5Y**	
Orange	**No. 3O**		**No. 5O**	

One in metal box; wt 3/0 hook, ½ oz; wt 5/0 hook, ⅝ oz.

FOSS' LITTLE EGYPT WIGGLERS

Brass, heavily nickel plated. A successful lure for game fish; pork rind is clamped on, and impaled on hook; brass swivel and nickel plated spinner.

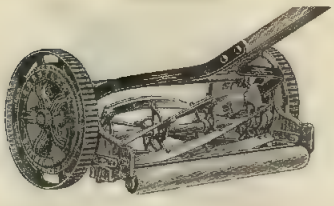
	Per Doz
No. 1 LEW—With No. 3-0 O'Shaughnessy hook	$18 90

One in metal box; wt each ½ oz.

LAWN MOWERS

F

CRESTLAWN

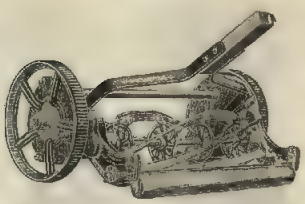


F. and N.—Ball Bearing

A four-squared rigid, strongly constructed frame holds the cutter bar by a patented interlocking adjustment that is absolutely impossible to knock or twist out of alignment. A ¾-inch reel shaft and double riveted end spiders prevent the reel from being sprung. Five cutting blades of razor steel, oil tempered and self-sharpening; 6-inch reel; 11-inch drive wheels and self-adjusting ball bearings. Attractive finish.

NO.	Size In.	lb Ea.	EACH
114	14	67	$32.75
116	16	69	34.00
118	18	71	35.50
120	20	75	37.00

TRIUMPH



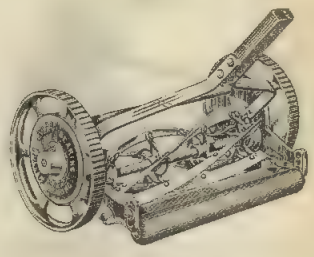
F. and N.—Roller Bearing

This is a triple gear mower, attractive in design, provided with indestructible triple pawl ratchets geared on both sides; self-adjusting Timken roller bearings; 6-inch reel; 5 cutting blades, oil tempered, vanadium crucible steel, and 10-inch drive wheels. A special feature of this mower is the bottom knife which has an upturned edge that can be adjusted to cut within a quarter-inch of the ground.

NO.	Size In.	lb Ea.	EACH
214	14	60	$32.75
216	16	65	34.00
218	18	66	35.00
220	20	70	37.00

One in a wood container. Handles separate.

COMMANDER

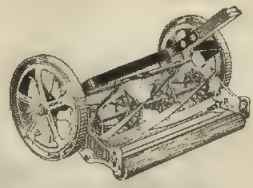


F. & N.—Roller Bearing

A high grade mower of unusual strength and beauty; 11-inch wheels, revolving on Hyatt Parallel Roller Bearings; reel bearings equipped with Timkin Taper Roller Bearings, automatically adjusted; 5 crucible steel cutting blades, lipped edge tool steel in cutter bar edge. Equipped through out with dust-proof oil cups. Every part machined and fitted to mathematical accuracy.

NO.	Size In.	lb Each	EACH
316	16	70	$32.00
318	18	75	33.50

NOVO-ALL STEEL



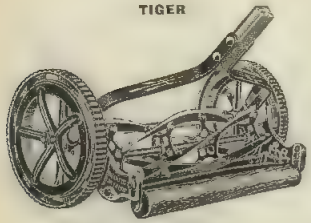
F. & N. Ball Bearing

A high grade, light weight, easy running solid steel lawn mower at a popular price. Unbreakable drive wheels revolve on solid steel spindles. Reel equipped with patented self-adjusting ball bearing device with the patented controlling steel sleeve. 10¾ inch drive wheel; 6 inch reel, 5 crucible tool steel revolving knives. Lower knife vanadium tool steel, oil hardened and tempered. Noiseless in action.

NO.	Size In.	lb Ea.	EACH
1216	16	52	$20.75
1218	18	55	22.00
1220	20	58	23.00

F LAWN MOWERS

TIGER

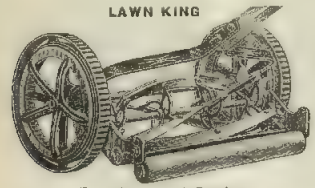


F. and N.—Ball Bearing

Six-inch reel; five cutting blades of highest grade crucible steel, oil tempered, spirally formed and self-sharpening; screw adjusting cutter bar; 10½-inch drive wheels. Finished in black and gold with silver bronze and blue decorations.

NO	Size In.	lb Ea.	EACH
516	16	54	$24.00
518	18	60	25.00

LAWN KING



F. and N.—Ball Bearing

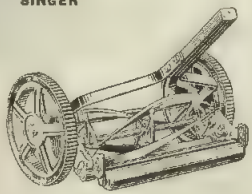
Six-inch reel; four cutting blades of highest grade, oil tempered crucible steel; screw adjusting cutter bar; 10½-in. drive wheels. High grade, ball bearing cones. Gold bronze and blue finish.

NO.	Size In.	lb Ea.	EACH
616	16	54	$22 75
618	18	55	23.50

One in a wood container. Handles separate.

SINGER

F. & N. Ball Bearing



Four cutting blades of tool steel, hardened and tempered in oil. Geared on both sides; 6-inch reel; 10½-in. drive wheels; raised tread; ball bearings; spring adjustment. Finished and decorated in weather-proof bronze.

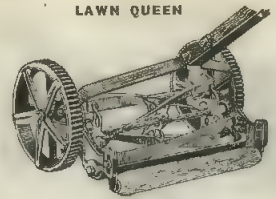
NO	Size In	Lbs. Each	EACH
714	14	52	$14.00
716	16	54	16.50

MONARCH

Same description as Singer, except has 5 cutting blades.

NO.	Size In.	Lbs Each	EACH
516	16	53	$15.50
418	18	55	18.00

LAWN QUEEN

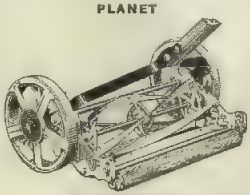


F. and N.—Ball Bearing

Five and one-half inch reel; four cutting blades, highest grade crucible steel, spirally formed and self sharpening; cutter bar, screw adjusting; 9-inch drive wheels. The automatically adjusted ball bearing cones are of the best tool steel. Finished in gold bronze with red decorations.

NO.	Size In.	lb Ea.	EACH
814	14	45	$17.50
816	16	47	20.00

PLANET

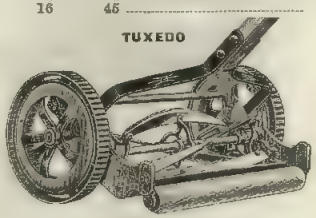


F. and N. Ball Bearing

A high wheel serviceable mower at an attractive price, 9 inch drive wheel, revolving on steel wheel spindles, 5½ inch reel, four revolving blades hardened and tempered; geared on both sieds. Ball bearings and spring adjustment, attractively finished and decorated.

NO.	Size In.	lb Ea.	EACH
1314	14	44	$12.00
1316	16	45	13.25

TUXEDO



F. and N.—Ball Bearing

Aluminum finish with gold and blue decorations. Reel, 5½ inches; four cutting blades of best knife steel, oil tempered and water ground; 8-inch drive wheels; high grade, self adjusting ball bearings; screw adjusting cutter bar.

NO.	Size In.	lb Ea.	EACH
912	12	38	$14.00
914	14	39	14.90
916	16	42	15.70

One in a wood container. Handles separate.

RIFLES

AMERICAN MADE, MODEL D

Manufactured by Page-Lewis Arms Co.

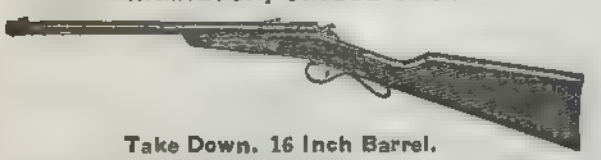
Bolt Action, Take Down.

Exclusive safety feature; when rifle has been opened and closed the hammer is left in half cock position. 20 inch take down, round steel barrel, with open front and rear sights; dark oil walnut finished stock; length over all 37½ inches. Each

No. D-22—22 caliber; shoots 22 shorts; 22 longs and 22 long rifle; wt each 3 lbs.....$12 75

One in paper envelope; 25 in wood case.

HAMILTON, SINGLE SHOT



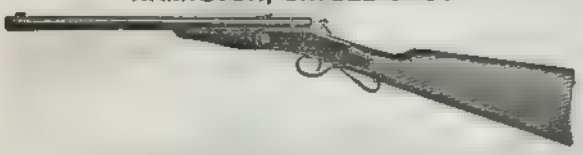
Take Down. 16 Inch Barrel.

Round steel barrel, 16 inches long; length over all 30 inches; fitted with front knife blade sight and adjustable open rear sight; plain stained stock and fore-end; blued steel butt plate. Weight 2¾ lbs. Each

No. H2722 -22 caliber; shoots **22 Shorts,** Nos. 22SL, 22SB, 22SSU, 22SSG, 22SSHP, 22SLHP; **22 Longs,** Nos. 22LL, 22LB, 22LSU, 22LSG, 22LSUHP, 22LLHP $6 60

Ten in wood case.

HAMILTON, SINGLE SHOT



Take Down, with Automatic Ejector.

Round steel barrel, 16 inches long; length over all 30 inches; fitted with front knife blade sight and adjustable open rear sight; walnut stock and fore-end; rifle butt stock with steel plate. Each

No. H02722—22 caliber; shoots **22 Shorts,** Nos. 22SL, 22SB, 22SSU, 22SSG, 22SSHP, 22SLHP; **22 Longs,** Nos. 22LL, 22LB, 22LSU, 22LSG, 22LSUHP, 22LLHP $7 56

Ten in wood case.

HAMILTON, SINGLE SHOT

Bolt Action Take Down, With Automatic Ejector.

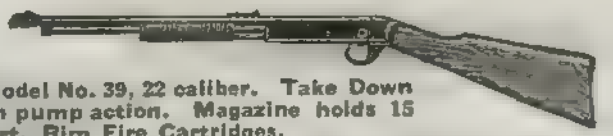
Blued round steel bronze lined barrel, 22 inches long; length over all 35¼ inches; bolt lock extractor; knife pattern front sight, rear sight open and fixed for true aim; walnut finish birch stock; weight each 3 lbs. Each

No. 43-22—22 caliber; shoots **22 shorts,** Nos. 22SL, 22SB, 22SSU, 22SSG, 22SSHP, 22SLHP.; **22 Longs,** Nos. 22LL, 22LB, 22LSU, 22LSG, 22LSUHP, 22LLHP $8 55

10 in wood case.

RIFLES

HAMILTON, REPEATING



Model No. 39, 22 caliber. Take Down with pump action. Magazine holds 15 Short, Rim Fire Cartridges.

Automatic lock prevents accidental discharge while operating pump action, as trigger can not be pulled until breech is locked in firing position. Pump action is automatically locked when rifle is loaded and ready to fire. A trigger lock in the gun just back of trigger may be used to prevent accidental discharge when rifle is loaded. This lock is not automatic. Barrel is bronze lined, accurately rifled, with solid steel breech. Front sight knife pattern, rear sight open and adjustable; stock and forearm genuine walnut turned. Length over all 35 inches. Length of barrel assembly when taken down, 21¼ inches. Weight about 4 lbs. each. Each

No. H3922—22 caliber; shoots 22 short rim fire cartridges.....$25 20

One in cardboard box; 10 in wood case.

PLAY RIFLES

SAVAGE

Pump Action Repeating For Outdoor or Indoor Sports.

Varnished hardwood stock and slide handle; round sheet steel barrel with rear sight. Shoots 15 shots without reloading. No powder, shoots small, light weight composition balls propelled by a durable, spring mechanism. Remarkably accurate and safe for indoor or outdoor use.

After rifle is cocked the slide handle must be pushed forward before trigger can be pulled to shoot. Twenty balls included with each gun. Each

No. SPG1—Length over all 31½ ins.....$10 95

One in cardboard box; wt each 3 lbs.

SAVAGE PLAY RIFLE BALLS

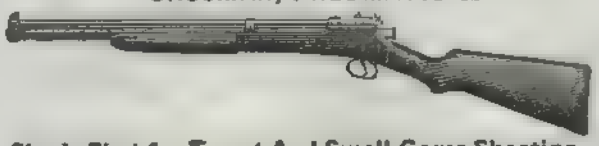
Light weight composition balls. Per Doz Pkgs

No. 25B—Wt per doz pkgs 3 ozs.....$4 05

20 balls in pkg; one doz pkgs in cardboard box.

AIR RIFLES

CROSMAN, PNEUMATIC 22



Single Shot for Target And Small Game Shooting.

BARREL—Round blued steel, accurately rifled for size 22 pellets.

SIGHTS—Government type blade front sight and adjustable rear peep.

STOCK—Take down, heavy solid walnut with pistol grip and steel butt plate.

ACTION—Popular sliding bolt type, rugged and fast.

EXPLOSIVE FORCE—Compressed air under tremendous pressure available by the quick and easy method of pumping. Four strokes are usually sufficient for ordinary target shooting and the killing of small game, more than six strokes should never be used.

Noiseless, no smoke, no cleaning. Light trigger pull.

BULLET—Ungreased, spool shaped soft lead with rounded nose. Each

No. CP22—Length over all 35 ins.....$24 75

One in carton; wt each 5½ lbs.

PELLETS

For No. CP22 Crosman Pneumatic 22.

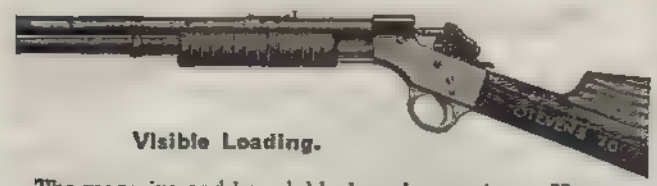
Ungreased, spool shaped soft lead. Per 1000

No. 22P—Model A, rounded nose.....$4 50

500 in cardboard box.

RIFLES

STEVENS' REPEATING



Visible Loading.

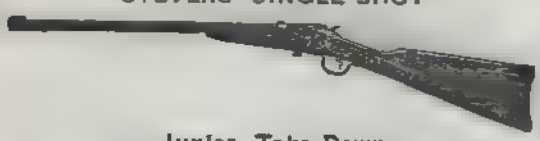
The magazine and breech block are in one piece. Has extra strong double extractors, making the extraction of the shell absolutely positive. The breech block has a positive lock and is operated by the slide handle after the breech block is unlocked.

Round barrel 22 inches long, extreme length 37 inches; fitted with bead Leymon ivory front and sporting rear sights; walnut stock and slide handle; blued frame; rubber butt plate. For 22 short, 22 long and 22 long rifle cartridges; weight each about 4½ lbs. Each

No. 7022L—22 caliber; magazine capacity 15, 22 shorts, 13 long or 11 long rifle cartridges **$33 75**

Ten and twenty five in wood case.

STEVENS' SINGLE SHOT



Junior, Take Down.

20 inch round barrel, blued steel finish; military style stock; knife blade front and open rear sights. Each

No. 11-22—22 caliber; shoots C. B. Caps, 22 Shorts, 22 Longs, 22 Long Rifle..... **$10 80**

One in cardboard box; 25 in wood case; wt each 2¾ lbs.

STEVENS' SINGLE SHOT

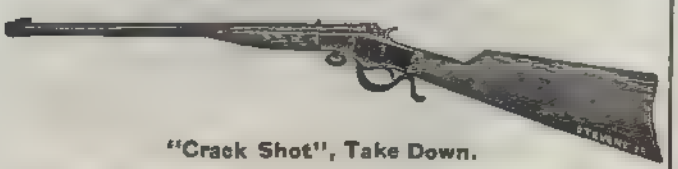
Little Scout, Take Down.

Take down model, designed for 22 short or long rim fire cartridges. Case hardened frame. The action is attached to the barrel and the breech block drops down when a cartridge is to be inserted or an empty shell extracted. Blue steel, round barrel 20 inches long, fitted with open rear and nickel silver knife edge front sights, case hardened frame; blued trimmings; varnished stock and fore-end; steel butt plate. Weight each 2¾ lbs. Each

No. 14½—22 caliber; shoots 22 Shorts, 22 Longs, 22 Long Rifle **$12 75**

One in cardboard box; 25 in wood case.

STEVENS' SINGLE SHOT



"Crack Shot", Take Down.

20 inch round barrel; blued steel frame; lever action knife blade front and open rear sights; oval stock; steel butt Plate; especially designed for smokeless powder ammunition. Weight 3¼ lbs. Each

No. 26—22 caliber; shoots C. B. Caps, 22 Shorts, 22 Longs, 22 Long Rifle **$15 30**

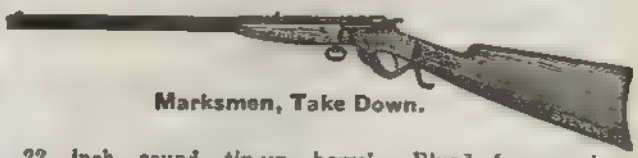
"Crack Shot." Shot Gun, Take Down.

No. 26½—Same as No. SCS22 rifle, except that it is smooth bored for .22 rim fire shot cartridges..... **15 30**

One in cardboard box; 25 in wood case.

RIFLES

STEVENS' SINGLE SHOT



Marksmen, Take Down.

22 inch round tip-up barrel. Blued frame; chambered for 22 caliber long rifle cartridges; plain lever, positive extractor; full oval stock; shot gun butt, with rubber butt plate; bead front and open rear sights. Designed especially for smokeless powder ammunition. Weight 4 lbs. Each

No. 1222M—22 caliber; shoots 22 long rifle cartridges, Nos. 22LRL, 22LRS, 22LRSHP and 22LRLHP..... **$20 10**

One in cardboard box; 25 in wood case

STEVENS' SINGLE SHOT

Favorite, Take Down.

24 inch round barrel; Rocky Mountain front sight and sporting rear sight; blued frame; solid breech block; walnut stock and fore-arm; regular shot gun butt; rubber butt plate; new positive central extractor. Each

No. 1722—22 caliber; with automatic ejector; shoots: **22 Shorts**, Nos. 22SL, 22SB, 22SSU, 22SSG, 22SSHP, 22SLHP; **22 Longs**, Nos. 22LL, 22LB, 22LSU, 22LSG, 22LSUHP, 22LHP; **22 Long Rifle**, Nos. 22LRL, 22LRS, 22LRSHP, 22LRLHP; wt 4½ lbs **$23 10**

No. 1725—25 caliber; plain extractor; shoots 25 Stevens rim fire cartridges; wt each 5 lbs **23 10**

No. 1732—32 caliber; plain extractor, shoots 32 short and 32 long rim fire cartridges; wt 6½ lbs..... **23 10**

One in cardboard box, 25 in wood case.

STEVENS' SINGLE SHOT

New Favorite.

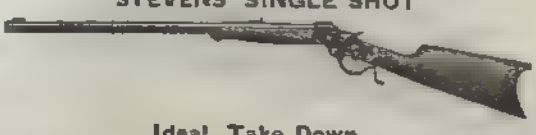
Octagon, blued steel barrel, 24 inches long; Rocky mountain front and sporting rear sights; blued frame; lever action; walnut stock and fore-end; shot gun butt; rubber butt plate. Weight each 4½ lbs. Each

No. 2722—22 caliber; with automatic ejector; shoots: **22 Shorts**, Nos. 22SL, 22SB, 22SSU, 22SSG, 22SSHP, 22SLHP, **22 Longs**, Nos. 22LL, 22LB, 22LSU, 22LSG, 22LSUHP, 22LHP..... **$24 45**

No. 2732—32 caliber; plain extractor; shoots R. F. cartridges Nos. 32S and 32L..... **24 45**

One in cardboard box; 25 in wood case.

STEVENS' SINGLE SHOT



Ideal, Take Down.

26 inch, round barrel, Rocky Mountain front sight and sporting rear sight; case hardened frame; solid breech block; single trigger; American walnut stock and forearm; steel butt plate; central extractor. Each

No. 4422—22 caliber; with automatic ejector; shoots **22 Long Rifle**, Nos. 22LRL, 22LRS, 22LRSHP, 22LRLHP; wt each 7 lbs **$47 10**

No. 4425—25 caliber; plain extractor; shoots .25 Stevens rim fire cartridges; wt each 7 lbs **47 10**

One in cardboard box; 10 in wood case.

AIR RIFLES

BENJAMIN

SINGLE SHOT

No. 200. Single shot, take down. Shoots round air rifle shot with compressed air and has greater penetration than any other air rifle. The air is compressed with a pump contained in large barrel; three or four pump strokes give maximum power. Peep rear and blade front sights. Safe, reliable and accurate. Fully guaranteed. Length 37 inches. Gun metal finish barrel. Genuine walnut stock. Wt. ea. 3 lbs. .....Each $5 00

One in a box, one dozen in a case.

AUTOMATIC 25 SHOT

600 Automatic. 25 shot, take down. Has exclusive feature of positive automatic shooting of up to 25 round air rifle shot with compressed air without repumping or reloading. Famous Benjamin penetration. Patented automatic feed. Positive safety. Peep rear and blade front sights. A perfect light hunting and practice arm. Length 36 inches. Gun metal finish barrel. Genuine walnut stock and forend; half pistol grip. Wt. ea. 3½ lbs.....Each $10 00

One in a box, one dozen in a case.

REMINGTON

MODEL 26. PUMP ACTION REPEATER.

TAKE DOWN.

Built along the lines of the Remington .22 caliber repeating rifle with solid breech, hammerless, take down construction and looks more like a real firearm than any other air rifle. The stock and forend are made of genuine American walnut, the same quality as used on Remington standard grade firearms. The forend is grooved and is large so that it may be readily grasped for operation. The rear sight is adjustable for elevation. As a special feature, the rifle may be carried safe against accidental shooting by simply keeping the fore-end back of the forward position. If the forend is started rearward to cock the rifle, the motion must be completed before forend can be returned forward. There are no protruding parts such as a lever in which to catch the fingers.

Model 26. Magazine capacity, 50 shots; length 38 in.; when taken down, 27 inches. Wt. ea. 4 lbs .....Each $7 50

AIR RIFLES

CROSMAN

.22 Caliber.

Model P. Single Shot. Shoots 22 pellets. Walnut stock, pistol grip; steel buttplate; round deeply rifled barrel; blade front sight and rear peep sight. Length 36 inches. Wt. ea. 5 lbs. .....Each $12 00

Model R. Repeater. Shoots 20 shots at one loading; otherwise same specifications as single shot rifle. Wt. ea. 5½ lbs. .....Each $18 00

Pells (Bullets). .22 Cal., 500 in a box.....Box $1 25

TELL

.22 Caliber

This rifle is manufactured by one of the best and largest manufacturers abroad and is finely finished. It is absolutely accurate and will penetrate ⅝ inches of pine board at 100 feet. The barrel is equipped with knife blade front sight and elevation rear sight. It is cocked and loaded by pulling back the thumb latch on the right side just ahead of forearm and then breaking down the barrel by depressing muzzle. This operation forces back a plunger attached to a heavy spring. After inserting the Pellet and closing the barrel, the arm is ready to be fired. Pulling the trigger releases the plunger which in rushing forward compresses air in the air chamber driving the pellet from the barrel with great force. No pumping necessary, quick acting and will absolutely kill small game. Wt. ea. 5¼ lbs.

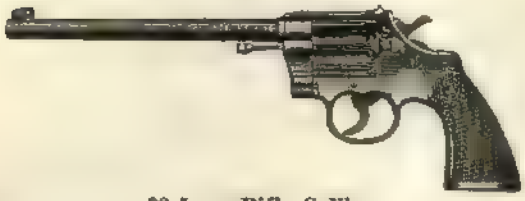
No. 1705G Tell. .....Each $16 50

Pells (Bullets) .22 Cal., 500 in a box.....Box $1 25

SINGLE SHOT PISTOLS

COLT

CAMP PERRY TARGET MODEL



.22 Long Rifle Caliber.

This new "Camp Perry" model is the result of many years of experiment, consultations with the leading target experts of the country and exhaustive factory and practical tests in the hands of Camp Perry shooters, Olympic team members and individuals in actual match work and is now brought out to meet the demanad for a Single-Shot Pistol superior in grip, balance, action and accuracy to any arm of its class now on the market.

Reference to the specifications will indicate its many advantageous points.

This model is built on the lines of the Colt Officer's Model Revolver, hence a shooter who desires to use both a caliber .38 revolver and .22 pistol may do so without change of grip or style of holding.

Camp Perry Target. Blued finish; 10 inch barrel; single action; checked walnut stocks; sights: either "bead" or "patridge" style as desired; front sight adjustable for elevation; rear sight, with adjusting screw, adjustable for windage; sighting radius 9½ inches. Shoots .22 long rifle cartridges. Length overall, 13¾ inches. Wt. each, 34½ ozs. .....Each **$40 75**

SMITH & WESSON

STRAIGHT LINE TARGET MODEL

.22 Long Rifle Caliber.

The barrel of this arm is taper bored, and especially chambered to give maximum accuracy and power. The rifling is the equal land and groove type with a twist of one turn in 15 inches. The "Straight Line 22" is the finest thing in the pistol line—and it comes in a special pressed steel case with a real cleaning rod and swivel screw driver. Put up in this way it is always ready to take to the range, slip into a suit case, pocket, or camping kit, completely protected from both injury and dampness. This case is 12 inches long, 5⅛ inches wide, and 1½ inches thick, beautifully finished in blue with the S & W monogram in the cover. It is a case such as all shooters have wanted.

Straight Line Target Model. Blued finish; 10 inch barrel, single action; Circassion walnut stock with monograms. Sights: 1/10 inch patridge front and fully adjustable rear with square notch. Shoots .22 long rifle cartridges; length, overall, 11⅛ inches. Wt. each, 34 ozs.....Each **$35 00**

SINGLE SHOT PISTOLS

STEVENS

OFF-HAND TARGET MODEL

.22 Long Rifle.

Selected black walnut stock; sporting rear and bead front sight; round barrel with octagon breech; handles .22 long rifle cartridges.

No. 35—.22 Cal. 8 in. barrel. Wt. ea. 27 ozs...Each **$13 25**

AUTOMATIC PISTOLS.

COLT.

The action of these pistols is automatic, except that the trigger must be pulled to fire each shot (continued discharge will NOT result from one pull of the trigger). The arm can be discharged at the rate of five to eight shots per second, the cartridges being automatically supplied from a detachable magazine inserted in the handle of the pistol. After the pistol is charged with a filled magazine, one opening movement is made by hand, bringing the first cartridge into the chamber. On pulling the trigger the cartridge is fired, the empty shell is ejected, and a new cartridge loaded into the chamber. All these operations take place automatically without any manipulation of the arm. This automatic operation of the pistol is effected by recoil of the moving parts, and as a consequence the recoil is so absorbed in being utilized that it has not the usual disturbing effect.

"WOODSMAN" MODEL

.22 Caliber. 6½ inch barrel; length overall, 10½ inches; full blued; checked English walnut stocks; bead front sight, adjustable for elevation; rear sight, with adjusting screw, adjustable for windage; capacity of magazine 10 shots; handles .22 long rifle rim fire cartridges. Wt. ea. 28 ozs. .....Each **$32 00**

Your Dealer Will Give You A New Pair of Crown-Shrunk Overalls

FREE If They Shrink!

The best dealers in your town are now offering the most unusual buy ever presented American overall wearers. A famous overall company has supplied them with a garment made of a new type denim designed to resist shrinking—to stay the same size despite repeated washings. These dealers guarantee "A new pair free if they shrink." The overalls are called Crown-Shrunk and are made by The Crown Overall Mfg. Company, largest in the world.

Crown-Shrunk Denim

The Most Startling Improvement Ever Developed in Overalls

FOR years overall wearers and dealers have urged manufacturers to produce an overall that would not get skimpier and tighter after every washing. Now The Crown Overall Mfg. Co., largest in the world, has furnished the answer. They bought two denim mills and an entire town, and installed special equipment to produce a super-denim along the lines set down by Crown textile experts

Crown-Shrunk Denim, the result, is worth many times its cost of development. Not only does it resist shrinkage as per sworn affidavit of United States Testing Company, but it is more closely-woven, heavier, stronger, tougher and quadruple-dyed! Yet this amazing shrunk feature costs you nothing extra. In fact its long wearing qualities make it far more economical.

Crown-Shrunk Denim is produced by a secret process. The only mills that make this denim are owned by Crown—no other overall maker can buy it. The dealer who sells you Crown-Shrunk Overalls is offering you an exclusive product—the best that his money can buy and the best that you can buy. If Crown-Shrunk Overalls get tight—if they bind, lose their fit, or shrink out of shape like ordinary overalls, *you get a new pair free with no questions asked!*

All you need do is try one pair of Crown-Shrunk Overalls. Not only are they made of Crown-Shrunk Denim; they are the most comfortable, durable, economical and best appearing overalls ever produced . . . more pockets and more special features than any other overall. Go to your dealer today. Look at the Crown ticket yourself to see this revolutionary guarantee never before possible—

"A new pair free if they shrink."

FREE! Send for the Crown Railroad Time Book

DEALERS

The success of thousands of Crown dealers proves that in Crown-Shrunk Overalls you have a product beyond competition. Your customers will be asking for Crown-Shrunk Overalls because they want the longer wear and shrink-resisting feature of Crown-Shrunk Denim — backed by this guarantee.

"A new pair free, if they shrink."

Write or wire for particulars

The CROWN OVERALL MFG. CO.
Cincinnati, Ohio

The S-H-R-I-N-K Has Gone From Overalls

A NEW PAIR FREE IF THEY SHRINK!

Great news for overall wearers! A new type of denim, perfected by The Crown Overall Mfg. Co., largest in the world, protects you against shrinking, backed by the guarantee—"a new pair free if they shrink!"

Crown-Shrunk Denim

Amazing Discovery Revolutionizes Overall Wear, Fit and Comfort

CROWN textile experts have developed an amazing improvement in denim with such resistance against shrinking that Crown can confidently offer it in Crown-Shrunk Overalls with this unprecedented guarantee—"a new pair free if they shrink."

To develop Crown-Shrunk Denim, The Crown Overall Mfg. Co. bought two complete textile mills and an entire town where these experts labored for years. Finally they developed Crown-Shrunk Denim which showed no shrinkage—as per sworn affidavit of United States Testing Company.

Think of the longer wear there must be in a shrink-resisting denim! For Crown-Shrunk Denim is a close-woven, extra heavy, quadruple-dyed cloth of incredible strength and toughness. And this amazing shrink-resisting feature costs you nothing, due to the longer wearing qualities of Crown-Shrunk Denim.

Crown-Shrunk Denim is produced by a secret process. No other overall maker can buy it. The dealer who sells you Crown-Shrunk Overalls is offering you an exclusive product, the best that money can buy.

All you need do is try one pair of Crown-Shrunk Overalls. Not only are they made of Crown-Shrunk Denim—they are the most comfortable, durable, economical and best appearing overalls ever produced... more pockets and more special features than any other overall. Go to your dealer today. Look at the Crown ticket yourself to see this revolutionary guarantee—"a new pair free if they shrink."

FREE! Send for the Crown Railroad Time Book

DEALERS

The development of Crown-Shrunk Denim has revolutionized overalls. Overall buyers are naturally asking for this new garment that wears longer and is sold with the guarantee—"a new pair free if they shrink." And Crown-Shrunk Overalls offer your customers more for their money than they can secure elsewhere. Write or wire for particulars.

EIGHT OUNCE
CROWN
SHRUNK
OVERALLS
A New Pair Free if they Shrink
UNION MADE
DURABLE - COMFORTABLE - ECONOMICAL

The CROWN OVERALL MFG. CO.

Cincinnati, Ohio

The Only Overall Makers in the World Owning and Operating Their Own Denim Mills

CHICAGO ROHDE-SPENCER CO ILLINOIS

HAFIS BRACELT WATCHES—Filled and Solid Gold Cases 15 and 17 Jewel Lever Movts.

HAFIS BRACELET WATCH. 6½L., Pansy shape, artistically engraved oval dial. Fitted with 15J Hafis lever movement. Complete in gift case
No. 4069 14K white gold filled. Each . 18.80
No. 4070 14K solid white gold. Each . 21.15

HAFIS BRACELET WATCH. 6¾ L. Rectangular engraved case with fancy ends. Set with 15J. Hafis lever movement. Complete
No. 4063 14K solid white gold. Each... 19.98
No. 4064 14K white gold filled. Each . 16.45

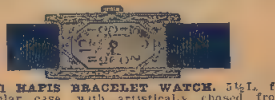
HAFIS BRACELET WATCH. 6½L., Pansy design, polished bezel, fancy chased ends. with 15J. lever Hafis movement. Complete with ribbon and gift case.
No. 4067 14K solid white gold Each . 21.15
No. 4068 14K White Gold Filled. Each . 18.80

HAFIS BRACELET WATCH. 6¾L Rectangular shape 15J lever
No. 2248 solid white gold Each 19.98

No. 4072 HAFIS BRACELET WATCH. 6½L., fancy engraved bezel, with new model dial. Fitted with 15J. lever Hafis movement in 14K solid white gold case Each . 21.15

HAFIS BRACELET WATCH. Rect. 6¾ L. 15J. Lever.
No. 1386 14K solid white gold case Each 19.98
No. 1387 White gold filled case. Each 16.45

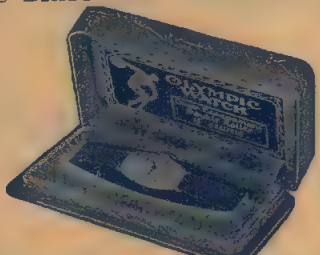
HAFIS BRACELET WATCH. 7½L. Rectangular cut-corner case Oval dial, fancy center. Front of case with artistic chasing. 15J lever Hafis movement Complete.
No. 4065 14K Solid White Gold Each 34.69
No. 4066 18K Solid White Gold. Each . ..36.98



No. 4071 HAFIS BRACELET WATCH. 5½L. full rectangular case, with artistically chased front. Fancy cut-corner dial with extra heavy sport lugs A beautiful new model. 17J. lever Hafis movement. 14K solid white gold Each 25.85

OLYMPIC BRACELET WATCHES—Made by HAFIS WATCH CO.

No. 2269 LADY'S "OLYMPIC" BRACELET WATCH. 6½L. fancy rectangular design case—cut-corners with Wave Line edges chased bezel, brushed finish back, 14K White gold filled case fitted with 15J. Lever movement. Wrist band and buckle, each in gift case Each ... 12.96



LADY'S "OLYMPIC" BRACELET WATCH. 6¾ L. rectangular cut-off corner shape case. Fancy engraved bezel and sides. Complete with wrist band in gift case.

No. 2259 White R. G. plated case 6J. Lever movement Each 8.70

No. 2260 Same watch, 15J Lever movement Each 12.46

No. 2261 15J. Lever movement in Solid White gold case Each ... 15.75

No. 2267 LADY'S "OLYMPIC" BRACELET WATCH. 6½L. fancy design oval case with engraved bezel, straight ends, brushed finished back. 15J Lever in **White gold filled** case Each . 12.96

IS THE BEST WHOLESALE HOUSE TO BUY FROM

CYMA WATCHES ON TIME — all the time

Made by Tavannes Watch Co.

There Are 1000 Reasons Why You Should Buy "Cyma" When Buying a Watch

No. 5028 "CYMA" LADY'S BRACELET WATCH. 6¾ L., Tonneau design, White rolled gold plate case, Chromium finish, fancy engraved. Sapphire set in crown. Fitted with the famous 15 J. Cyma Lever movement. Each in gift case, with resale ticket. Each 12.45

No. 5029 "CYMA" LADY'S BRACELET WATCH. 6¾ L., Rectangular cut-corner design, White rolled gold plate case in Chromium finish. Chased bezel—Sapphire set crown. Fitted with the famous Cyma 15 J. Lever movement. Complete in gift case, with resale ticket. Each 12.45

No. 5030 "CYMA" LADY'S BRACELET WATCH. 6¾ L., White rolled gold plate, in Chromium finish, semi-engraved front, new design. Rectangular. Sapphire set in crown. Fitted with a 15J. Cyma Lever movement. Each in gift case, with resale ticket. Each 12.45

No. 5031 "CYMA" LADY'S BRACELET WATCH. 6¾ L., White rolled gold plate case, Chromium finish, fancy Volute bezel engraved ends. Fitted with a 15 J. Cyma Lever movement. Each in gift case, with resale ticket. Each 15.26

No. 5032 "CYMA" LADY'S BRACELET WATCH. 6¾ L., 14K solid White gold case, engraved bezel. Sapphire set crown, with 15 J. Cyma Lever movement—fancy dial. Each complete in gift case, with resale ticket. Each 16.45

No. 5033 "CYMA" LADY'S BRACELET WATCH. 6¾ L., 14K solid White gold case—Square dial - fancy engraved extended ends. Sapphire set crown. Fitted with 15 J. famous Cyma Lever movement. Each in gift case, with resale ticket. Each 16.45

No. 5034 "CYMA" LADY'S BRACELET WATCH. 6½ L., 14K solid White gold case, fancy ends, engraved, Demi-Tonneau shape. Fitted with famous 15 J. Cyma Lever movement. Complete in gift case, with resale ticket. Each 21.15

No. 5035 "CYMA" LADY'S BRACELET WATCH. 5¼ L., 14K solid White gold Rectangular case—fancy engraved bezel. Sapphire set in crown. Fitted with 15 J. famous Cyma Lever movement; fancy dial. Each in nice gift case, with resale ticket. Each 23.50

No. 5036 "CYMA" LADY'S BRACELET WATCH. 6½ L., 14K solid White gold case, new design extended engraved ends, with green gold trimmings. Fitted with 15 J. Cyma Lever movement. Very unique looking watch. Each in gift case, with resale ticket. Each 23.50

No. 5037 "CYMA" LADY'S BRACELET WATCH. 6¾ L., 14K solid White gold case—Square dial, Rectangular cut-corner design engraved model, set with 2 genuine Diamonds and 4 Synthetic Blue Sapphires. 15 J. Lever Cyma movement. Each in gift case, with resale ticket. Each 25.85

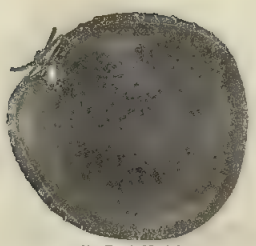
No. 5038 "CYMA" LADY'S BRACELET WATCH. 5¼ L., Rectangular case, fancy engraved ends, 14K solid White gold. Set with 2 genuine Blue White Diamonds and 4 Synthetic Sapphires. 15 J. Cyma Lever movement. Each in gift case, with resale ticket. Each 35.25

No. 5039 "CYMA" LADY'S BRACELET WATCH. 5¼ L., 14K solid White gold Rectangular case, with extended sides, new model, fancy engraved, set with 4 genuine Diamonds and 4 Synthetic Sapphires 15 J Cyma Lever movement—fancy dial. Each in handsome gift case, with resale ticket. Each 41.86

MITTS

J

DRAPER & MAYNARD



H. Ruel Model

A typical Big League made of genuine cowhide throughout. Cut on the same model as the most expensive mitts. Has a molded palm and asbestos felt pad and leather binding with full rawhide lacing. We recommend this mitt as an extra special value.

NO.		EACH
708		$5.00

NO.	For Left Hand Players	EACH
708	**Full Right**	$5.00

A medium size mitt with a cowhide or horsehide palm and fingers. Back and strip made of good leather.

NO.	EACH
701	$3.50

A boy's size mitt with a horse hide palm and good leather back and fingers.

NO.	EACH
727	$2 50

A medium size mitt made of good leather, reinforced around palm.

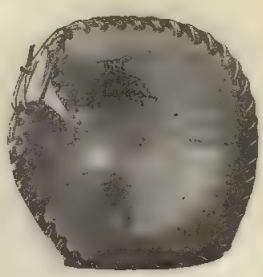
706	$2.00

A boy's size mitt. Leather palm, back and fingers.

NO.	EACH
758A	$1.00

For Left Hand

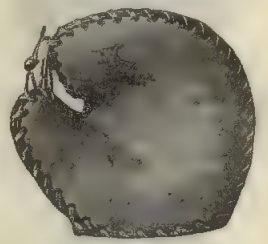
758A	**Full Right**	1.00



George Burns Model

Selected from the very finest light tan colored horsehide with oiled pocket. Every mitt a marvel of workmanship and balance. Has an exclusive D & M construction on the back and protective guard at the end of the fingers. It is a fairly large size mitt with a rather heavy padding.

NO.	EACH
657	$10.00



"Long George Kelly's" Model—Oiled

Very flexible due to non-lace construction at crotch. Medium size with a D&M constructed hinged pad. Made of tan colored horsehide throughout. This is the Mitt if you want to get 'em like George does.

NO.	EACH
695D	$10.00

J

MITTS

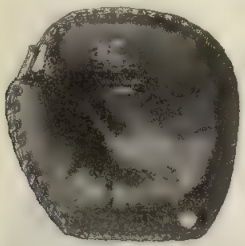
DRAPER & MAYNARD

MITTS

Legion League Model

This model will do anything the others will do. The selection of tan horsehide is not quite so fine as No. 652, but we absolutely guarantee it to stand up. It has the special D & M oil treatment, is well padded throughout and has a deep pocket that will help you field those wild heaves.

NO.	EACH
650D	$5.00



Made of brown napa tan leather, laced all around, good pad and fairly deep pocket. Model similar to more expensive mitts and is full size. Strap and buckle at wrist.

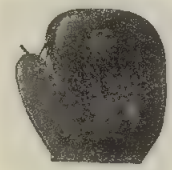
NO.	EACH
641	$2.00

George Kelly Model

A medium sized mitt made completely of horsehide. Has three-quarters laced edge and is well padded. Strap and buckle at wrist. This mitt cannot be beaten at the price.

NO.	EACH
666D	$3.00

MITTS

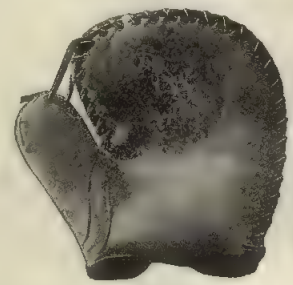


A mitt made of genuine horsehide throughout. Bound around edge and laced heel. Very well padded.

NO.	EACH
638	$1.50

A boy's size mitt made entirely of leather. Laced at heel.

NO.	EACH
642	$1.00



Joe Judge Model—Oiled

This glove is probably used by more of the big fellows than any mitt in our line. It's the glove thumb pattern and made of tan colored horsehide, oil treated, with a D&M panel back construction. Has a well padded, rather long thumb and high heel with an extra deep pocket in a lightly padded palm.

NO.	EACH
652D	$8.50

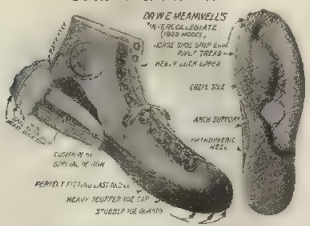
Louis Fonseca Model

Made on the identical same pattern as No. 652 of tan horsehide with the D & M oil treatment. Has long thumb and panel back construction. At the price this glove thumb pattern represents one of our best values.

NO.	EACH
656D	$7.50

BASKETBALL SHOES

DRAPER & MAYNARD



Dr. Meanwell Intercollegiate

Heavy, loose-lined, white duck tops; orthopaedic heel, pivot tread; horseshoe grip edge; vulcanized crepe rubber sole; sponge rubber cushion heel; stubber toe guards.

NO.	Sizes	PAIR
197	Mens 6½-11	$5.00
297	Boys 5½ 6	4.50

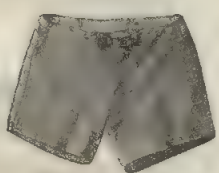
Ralph Jones Jr.

Khaki duck top. Vulcanized pure crepe sole. Brown trimmed. Heavy toe cap. Stubber toe guards.

NO.	Sizes	PAIR
154	Mens 6½-11	$3.50
254	Boys 5½-6	3.50

One pair in a box

JERSEYS AND PANTS



★520 ★80

Medium weight, worsted, round neck. Colors: black, navy, crimson and white. Stripes: navy and white, crimson and white, black and orange, in three stripes shown in cuts.

NO.		EACH
*520	Plain	$2.75

Extra charge for stripes.

Olive drab cloth with sewed in hip pads. Short inseam with diagonal cut legs.

NO.		PAIR
*80		$1.75

*Not carried in stock. Ship from San Francisco.

BASKET BALL HOSE, PADS

Pure virgin wool, specially lofted yarn, giving cushion effect. Reinforced toe and heel. Just the right length to fold over top of shoe. Color. Gray with scarlet top.

No. B20R-B20G-B22 B22R-B22G-B5

No. B4-B1-B3

NO.		PAIR
*B20R		$0.75

Same as above but with green top.

*B20G		.75

In natural white only. Heavy all-wool sock made to fold over top of shoe. A dandy well made sock. Specially priced

*B22		.65

Heavy all-wool sock. Made to fold over top of shoe. White with scarlet top.

*B22R		.75

Same as No. B22R, but with green top.

*B22G		.75

NOTE—The above basket ball socks can only be furnished in the colors specified.

Pure virgin wool, special soft yarn. Sock style to fold over top of shoe. Top 3-inch stripe can be furnished in any standard color.

NO.		PAIR
*B5		$1.25

A heavy pure worsted Hose knit on the basket ball pattern, making it tight around the calf. Folds at top, making cuff which may be striped, if desired.

NO.		PAIR
*B4		$2.00

A mixed Hose with worsted on the outside and high-grade cotton backing. Footless. Same construction as No B4.

NO.		PAIR
*B1		$1.75

A medium weight ribbed cotton Hose. Footless only. Made as above.

NO.		PAIR
*B3		$1.00

KNEE AND ELBOW PADS

Black leather, hair stuffed.

NO.		EACH
*32K	Knee	$2.50
*32E	Elbow	2.50

*Not carried in stock, can be supplied from factory within two weeks' time.

J

OFFICIAL BASKETBALL GOALS

IMPROVED BRACELESS

This braceless goal is preferred for all official games Designed to withstand the most severe use without vibration.

Built much heavier than ordinary goals. The rim is ⅝ inch round steel held securely by malleable iron bracket, constructed to hold the rim slightly above the plane of bracket so there will be no deflection of the ball in play. The large bearing surface of the bracket is fastened by four points of contact so arranged as to counter-balance all strain from any angle the ball hits the rim, and eliminates drooping or tipping of the goal.

Complete with best hand knotted seine twine nets, draw cords at bottom permits net to be used open or closed as desired.

Guaranteed against breakage.

NO.	lb Boxed	PAIR
103	25	$10.50

BRACELESS

Designed to eliminate side braces and maintain rigidness. Rim is of ½ inch round steel held in position by malleable iron casting, having a large bearing surface which assures stability when securely fastened in place.

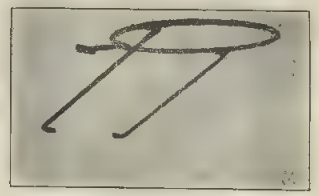
Braceless feature permits goal to be fastened in small space and eliminates the possibility of the ball deflecting at any angle.

Fitted with hand-knotted seine twine net, having draw cords at the bottom which allows nets to be used open or closed.

NO.	lb Boxed	PAIR
101	17½	$9.50

All goals are packed in pairs in strong corrugated paper boxes, ready for shipment.

BRACE RIM



This brace basket ball goal is made to supply the demand for an official goal with side braces at a minimum cost. Regulation in all respects. The rim of the goal is ⅝ inch and side braces of ½ inch round steel.

Braces are fastened by special hinged device.

The goals are complete with hand knotted seine twine nets carefully tied to rim so as not to slip. Draw string in bottom which allows nets to be used open or closed.

NO.	lb Boxed	PAIR
102	20	$7 00

"RIGID"

A rigid, electrically welded frame goal. Complete with nets. Designed for playground and home use.

NO.	lb Boxed	PAIR
104	14	$5.00

GOAL NETS

Hand knotted tubular in form, adjustable with draw cord at bottom to use either closed or open style.

NO.		PAIR
52	Made from No. 36 Seine Twine	$1.25

Packed in bulk.

LET US HELP YOU SUPPLY
THE SCHOOL REQUIREMENTS
IN YOUR VICINITY.

HELMETS AND SHOULDER PADS J

DRAPER & MAYNARD

HELMETS

"Pop" Warner Prep Helmet

Designed by "Pop" Warner for the prep school player. Solid crown, molded leather ear pieces, reinforced with fibre. Calfskin saddle, adjustable front piece.

NO	EACH
9H	$7.50

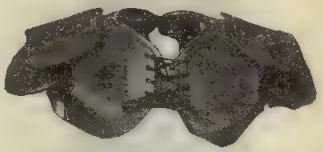
Designed for complete protection as in the higher priced Helmets. Made of tan strap leather with solid crown. Padded with heavy white felt with exclusive D&M leather saddle head rest. Molded ear pieces fibre reinforced and adjustable front piece. A wonderfully made Helmet at the price.

NO.	EACH
16HT	$6.50

Low-priced Helmets have been generally cheap in appearance and quality. Here is one that is different. Made of heavy black leather, lined with felt; has molded leather ear pieces and circular shock pad. Nothing like it for the price.

NO.	EACH
3H	$3.50

SHOULDER PADS



The new D&M Shoulder Pad is made of molded fibre covered with felt and padded underneath with foam rubber. It has molded fibre shoulder caps, padded with rubber and a stiffened fibre protection over shoulder. Covered with heavy duck and has leather-bound edges. Elastic straps around chest to hold pad in place. The foam rubber will not absorb the perspiration and retains the same weight under all playing conditions.

NO.	EACH
28	$11.00

The Lever-Action Shoulder Pad. A new idea in shoulder pad construction. It gives perfect freedom of arms, is made of fine white felt, covered with sole leather. Laced adjustable front and back.

NO.	EACH
33	$7.50

Made of heavy white felt covered with black leather, molded fibre lever shoulder pieces covered with white felt. Leather shoulder caps. One of D & M's best fitting pads at a popular price.

NO.	EACH
21	$4.50

YOUTH'S AND BOYS' SHOULDER PADS

Made of heavy white felt. Reinforced over shoulder tops and collar bone with heavy strap leather. Shoulder caps of stiff molded strap leather with heavy sole leather reinforcements at joint.

NO.	EACH
27B	$3.75

Made of heavy white felt with black leather reinforcements. Good protection, well made.

NO.	EACH
25B	$2.50

J

FOOTBALL PANTS

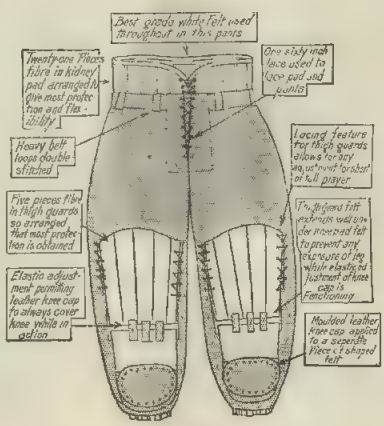
DRAPER & MAYNARD

High School

Made from 8-ounce Khaki Sail Twill with adjustable Kidney and Thigh Guard Pads. Double thickness ventilated bellows in crotch, and lace feature in back of legs. Kidney Pads and Hip Pads of best gray felt, with the part extending above the pants, covered with the same material as the pants. Vertical strips of fibre from waist line to top of pad. Thigh guards made of five pieces of heavy Fibre, covered with Best Quality gray pad felt and adjustable as to height by a special lacing feature.

NO.	Wt. Pair	PAIR
38FF	51 oz.	$10.00

Sizes on above numbers—32, 34, 36 and 38 waist measure.


Best goods white felt used throughout in this pants
Twenty-one Pieces fibre in kidney pad arranged to give most protection and flexibility
One sixty inch lace used to lace pad and pants
Heavy belt loops double stitched
Lacing feature for thigh guards allows for any leg, universal for short or tall player
Five pieces fibre in thigh guards so arranged that most protection is obtained
The thigh and fitt extends well over inner pad felt to prevent any exposure of leg while elastic adjustment of knee cap is Functioning
Elastic adjustment permitting leather knee cap to always cover knee while in action
Moulded leather knee cap applied to a seperate Piece of shaped felt

Varsity

Made from 8-oz. army duck, olive drab color. These pants are the result of a combination of ideas of several of the leading coaches of this section. The adjustable features of these pants make it possible to fit various builds or shapes as long as the waist measurement is correct. The ventilated double thickness bellows inserted at crotch is a decided advantage, both as to freedom of stride and durability. Sizes, 32 to 38 waist measure.

NO.	Wt. Pair	PAIR
44FJ	64 oz.	$15.00

Prep

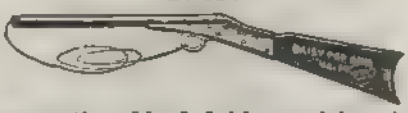
Made From 7-ounce Olive Drab Drill. Kidney Pads and Thigh Guard pads attached to pants. Kidney Pad of best quality gray felt bound at top and reinforced in front with the same material as used in pants. Fibre thigh protection and well padded—Sizes, waist measure —28, 30, 32, and 34.

NO.	Wt. Pair	PAIR
30FAT	36 oz.	$6.50

POP GUNS

"Also Dept. 7, Page 1859."

DAISY



Break down action; blued finish metal barrel and frame. Walnut stock shoots cork or rubber ball with loud report. Supplied with cork attached to string.

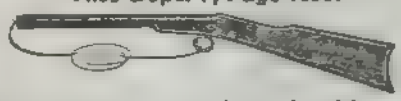
Per Doz

No. 14—Length over all 21 ins..... $13 20

One in cardboard box; wt per doz 10 lbs.

DAISY

"Also Dept. 7, Page 1859."



Breakdown action; heavy metal barrel and frame; gun metal finish; hardwood stock; shoots a cork attached to gun.

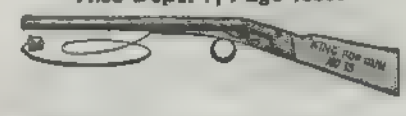
Per Doz

No. 7—Length 17 ins; wt per doz 5 lbs..... $6 30

One in cardboard box; one gro in a case.

KING

"Also Dept. 7, Page 1859."



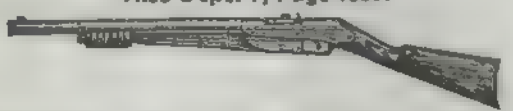
Per Doz

No. 15—Made like an air rifle; Winchester action; one piece nickel plated steel barrel and frame; black walnut stock; shoots a cork attached to a cord; length 17 inches; wt each 7½ ozs..... $6 30

One in carton, three doz cartons in case.

KING RAPID FIRE

"Also Dept. 7, Page 1859."



A pump action, rapid fire pop gun. Operates similar to a real pump gun. Loads automatically, explodes with both forward and backward movement of the hand piece; absolutely safe, not even a cork to fly out.

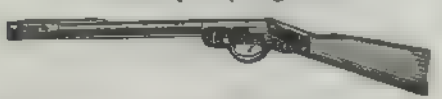
Per Doz

No. 25PG—All metal parts nickel plated; genuine black walnut stock, polished; length 27 ins; wt each 13½ ozs..... $25 20

Three doz in case; wt per case 56 lbs.

WYANDOTTE

"Also Dept. 7, Page 1859."



Breakdown action; heavy metal barrel and frame; black gun metal finish; hardwood stock; shoots a cork enclosed in a guard, is automatically pulled in with the breakdown action; can be used by small children with safety.

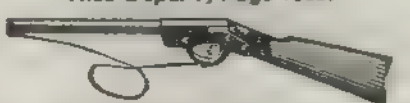
Per Doz

No. 1—Length 19 ins; wt per doz 7 lbs..... $6 30

One in cardboard box.

WYANDOTTE

"Also Dept. 7, Page 1859."



Breakdown action; heavy metal barrel and frame; black gun metal finish; hardwood stock; shoots a cork attached to gun.

Per Doz

No. 2—Length 17 ins; wt per doz 6 lbs..... $6 30

One in cardboard box.

REVOLVERS

COLT'S NEW POCKET POSITIVE

Double Action, 32 Caliber, Center Fire, 6 Shot.

Simultaneous ejection; jointless solid frame; equipped with the Colt positive lock, an absolute preventive of accidental discharge.

Chambered for 32 Short Colt, 32 Long Colt 32 S&W and 32 S&W Long Cartridges.

Nickel Plated.

No.	Barrel, ins	Stock	Wt, ozs	Each
1323½	3½	Rubber	16	✦$70 05

Blued.

No.	Barrel, ins	Stock	Wt, ozs	Each
01323½	3½	Rubber	16	$70 05

Chambered for 32 Colt Police Positive. Using 32 Colt New Police (Police Positive) Cartridges.

Nickel Plated.

Nos.	Barrel, ins	Stock	Wt, ozs	Each
$1322½	2½	Rubber	15	✦$70 05
$1322½P	2½	Pearl	15	✦ 76 95

Blued.

Nos.	Barrel, ins	Stock	Wt, ozs	Each
$01322½	2½	Rubber	15	✦$70 05
$01323½	3½	"	16	✦ 70 05
$01322½P	2½	Pearl	15	✦ 76 95
$01323½P	3½	"	16	✦ 76 95

One in cardboard box.

COLT'S

NEW POLICE POSITIVE

Double Action, Center Fire, 6 Shots.

Simultaneous shell ejection, solid jointless frame, equipped with the Colt's positive lock which is an absolute safe guard against accidental discharge.

Adopted by the Police Department of New York City.

32 CALIBER

Chambered for 32 Colt Police Positive; 32 S&W, 32 S&W long and 32 Colts New Police Positive Cartridges.

Barrel, ins	Stock	Wt, ozs	Nickel Plated. Nos.	Each	Blued. Nos.	Each
4	Wood	18	PPC1324	✦$71 85	PPC01324	$71 85
4	Pearl	18	PPC1324P	✦ 78 90	PPC01324P	78 90

Can be furnished from factory with 2½ or 6 inch barrel at same price as above.

✦F. O. B. Connecticut Factory Only.

REVOLVERS

COLT'S
POLICE POSITIVE SPECIAL

Double Action, Center Fire, 6 Shot.

Simultaneous shell ejection; jointless solid frame; fitted with the Colt positive lock that absolutely prevents accidental discharge.

The most compact and lightest revolver ever produced to take this powerful ammunition.

32 CALIBER

Chambered for 32-20 Winchester Rifle Cartridge.

Barrel, ins	Stock	Wt, ozs	Nickel Plated. Nos.	Each	Blued. Nos.	Each
4	Wood	22	PPS324	$75 45	PPS0324	$75 45
5	"	24	PPS325	75 45	PPS0325	75 45
6	"	25	------	------	PPS0326	75 45
4	Pearl	22	PPS324P	89 40	PPS0324P	89 40
5	"	24	PPS325P	89 40	PPS0325P	89 40
6	"	25	------	------	PPS0326P	89 40

38 CALIBER

Shooting in the same arm 38 long Colt, 38 short Colt, 38 Colt Special, 38 S&W Special, full or mid range loads.

Barrel, ins	Stock	Wt, ozs	Nickel Plated. Nos.	Each	Blued. Nos.	Each
4	Wood	22	PPS384	$75 45	PPS0384	$75 45
5	"	24	PPS385	75 45	PPS0385	75 45
6	"	25	------	------	PPS0386	75 45
4	Pearl	22	PPS384P	89 40	PPS0384P	89 40
5	"	24	PPS385P	89 40	PPS0385P	89 40
6	"	25	------	------	PPS0386P	89 40

COLT'S
SHORT BARREL, DETECTIVE SPECIAL

A stub nose Colt for the policeman in plain clothes, shoots, 38 Colt's special cartridge, and may be easily carried in a coat side pocket for quick action.

38 Caliber, Double Action, 6 Shot.

Simultaneous shell ejection; jointless, solid frame, swing out cylinder; equipped with Colt's positive lock that absolutely prevents accidental discharge.

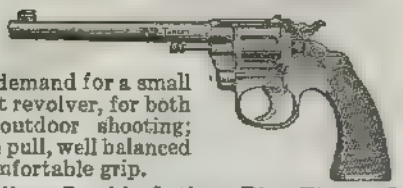
Length of barrel 2 inches, length over all 6¾ inches, full blued finish, weight each 21 ounces.

	Each
No. PPS0382—Checkered walnut stock	$75 45
No. PPS0382P—Pearl stock	85 80

All above one in cardboard box.

REVOLVERS

COLT'S
POLICE POSITIVE TARGET



Meets the demand for a small caliber target revolver, for both indoor and outdoor shooting; light, smooth pull, well balanced with full, comfortable grip.

22 Caliber, Double Action, Rim Fire, 6 Shot.

Simultaneous shell ejection; jointless solid frame; equipped with the Colt positive lock that absolutely prevents accidental discharge; fitted with sights; front sight adjustable for elevation; rear sight with binding screw, adjustable for windage.

Length of barrel 6 inches, length over all 10½ inches, full blued finish, weight each 22 ounces.

Chambered for 22 Caliber W. R. F. Cartridges only.

	Each
No. PP0226TW—Wood stock	$79 20
No. PP0226TPW—Pearl stock	89 70

Chambered for 22 short, 22 long and 22 long rifle Rim Fire Cartridges.

	Each
No. PP0226TS&L—Wood stock	$79 20
No. PP0226TPS&L—Pearl stock	89 70

OFFICERS' MODEL TARGET

38 Caliber, Double Action, 6 Shots.

Simultaneous shell ejection, jointless solid frame, equipped with the Colt positive lock that absolutely prevents accidental discharge; front sight adjustable for elevation; rear sight with adjusting screw, adjustable for windage.

Length of barrel 6 inches, length over all 11¼ inches, full blued finish, weight each 32 ounces.

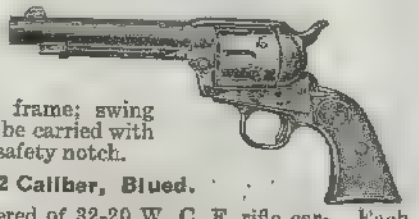
Chambered for 38 Long Colt, 38 Colt Special and 38 S&W Special.

Any of the above cartridges, either full or mid-range loads, may be used in the same revolver.

	Each
No. OM02386—6 in. barrel, walnut stock	$107 70
No. OM02386P—6 in. barrel, pearl stock	122 40

Nos.	Barrel, ins	Stock	Wt, ozs	Each
OM02387½	7½	Walnut	35	✚$107 70
OM02387½P	7½	Pearl	35	✚ 122 40

ARMY AND FRONTIER
Single Action, Center Fire, 6 Shot



Rod ejection; solid frame; swing out cylinder. Should be carried with hammer resting in the safety notch.

32 Caliber, Blued.

	Each
No. 06324¾—Chambered of 32-20 W. C. F. rifle cartridges; 4¾ in. barrel, rubber stock; wt each 2 lbs, 10 ozs	$89 70

38 Caliber, Blued.

	Each
No. 06384¾—Chambered for 38-40 W. C. F. cartridges, 4¾ in. barrel, rubber stock; wt each 2 lbs, 6 ozs	$89 70

45 Caliber, Blued.

	Each
No. 06454¾—Chambered for 45 Colt cartridges, full medium and gallery loads, 4¾ in. barrel, rubber stock; wt each 2 lbs, 3 ozs	$89 70

All above one in cardboard box.

✚**F. O. B. Connecticut Factory Only.**

D D

AIR RIFLES
DAISY

Automatic Pump Action, Repeater. Take Down Model.

A real rifle with genuine pump action, that can be fired repeatedly from the shoulder; the loading action is automatic; the smoothest and easiest action ever invented. Operates by pulling the slide toward the stock; fires rapidly from the shoulder; the magazine having a forced feed.

Blued steel barrel and frame, non-rusting; genuine black walnut stock, hand polished; adjustable sights front and rear. Magazine holds about 75 shot. Length over all 38 ins.

Per Doz

No. 25AR—Repeater, 75 shot; shoots air rifle shot only; wt each 3¼ lbs $126 00

Each

No. P25—Extra shooting barrel for No. 25AR air rifles $1 65

Six in wood case; wt 25 lbs.

DAISY, MILITARY TYPE

Lever Action, Repeater. With Bayonet.

Beautiful walnut stock; all metal parts blued finish; rear sights are open and adjustable; front sight is of the knife type; adjustable strap for carrying; rubber tipped detachable bayonet for drill use. Has forced feed so that it can be fired in any direction without losing a shot.

Per Doz

No. 40—50 shot repeater; shoots air rifle shot only; length over all, including bayonet 45 ins; wt each 3½ lbs $126 00

Half doz in wood case.

DISPLAY RACKS
FOR DAISY AIR RIFLES

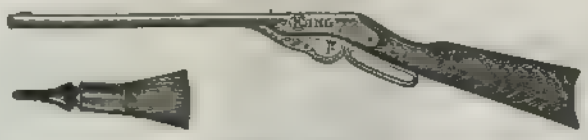
Heavy cardboard rack, lithographed in twelve colors, accommodates three guns, making a very attractive display, and will greatly increase the sale of Daisy Air Rifles.

Each

No. 100R—Delivered free of charge to dealer ordering 12 or more Daisy Air Rifles of one No. or ass't ..... ✦Free

✦F. O. B. Michigan Factory Only.

AIR RIFLES
NEW KING



Single Shot.

Lever action, loads by operating lever.

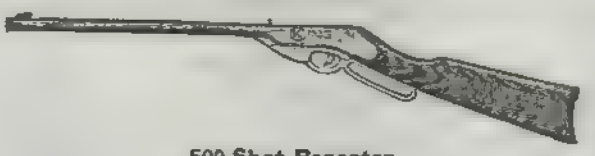
Blued steel barrel, frame and trimmings; knife blade front and peep rear sights; varnished walnut stock; all parts interchangeable. Length over all 31 ins.

Per Doz

No. 21 Single shot, shoots air rifle shot or darts; wt each 1½ lbs $37 50

One doz in wood case; wt 25 lbs.

NEW KING



500 Shot Repeater.

A well balanced repeater; shoots with force and accuracy. All parts interchangeable.

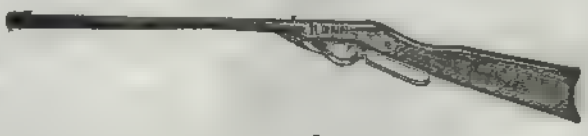
Barrel and frame one-piece blued steel; open rear sight; walnut finished stock; length over all 31 ins.

Per Doz

No. 22—Shoots air rifle shot; wt each 1⅝ lbs $44 25

One doz in wood case; wt 25 lbs.

NEW KING



1000 Shot Repeater.

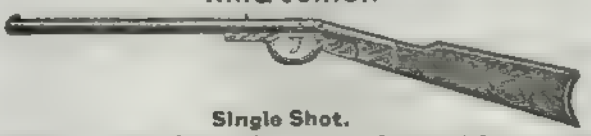
Hammerless magazine repeater, easy lever action; heavy blued steel barrel and frame; selected walnut stock; loads automatically and shoots air rifle shot with great force and accuracy. 1000 shot one at a time.

Per Doz

No. 55-AR—Length 35 ins; wt each 1¾ lbs $50 25

One doz in wood case.

KING JUNIOR



Single Shot.

Designed especially for the younger boys not large enough for a heavy air rifle.

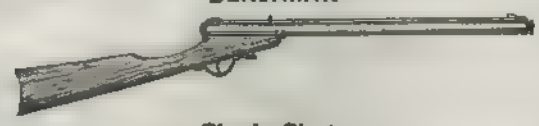
Steel barrel, hardwood ebony finished stock; good sights and perfect action; length over all 29 ins.

Per Doz

No. 10AR—Nickel plated barrel and frame; wt each 1½ lbs $22 80

One doz in wood case.

BENJAMIN



Single Shot.

Pneumatic rifle and operated entirely by air.

The air is compressed in an air chamber by a stroke or two of the pump rod, and when released by pressure upon the trigger throws a shot which will easily pass through a ½ inch white pine board. An ideal rifle for target practice and small game.

Nickel plated steel barrel and trimmings; varnished walnut stock. Length over all 37 ins.

Per Doz

No. 1BE—Single shot; shoots air rifle shot; wt each 2 lbs $132 00

One in carton.

No. 1BDR—Display Rack, for Benjamin Air Rifles .. ✦Free

TARGET HOLDERS

CROSMAN

(Front View)

(Rear View)

⅛ inch steel plate, black japanned finish. Fitted with 4 inch pressed steel bell which serves as a register of each bull's eye.

Construction of holder enables it to stand alone or permits hanging. Designed to hold 5 or 10 ring targets.

	Each
No. 1TH—Height over all 7 ins; width 5½ ins	$4 20

One in pkg; wt each 3 lbs.

TARGET INSERTS

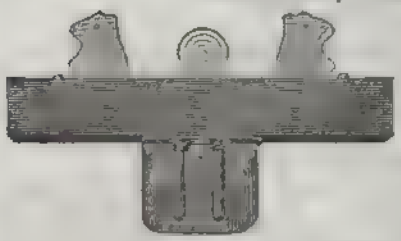
5¼x7 inch heavy white cardboard standard 10 circle bore, 25 yard target printed with black bulls eye and numbered circles on both sides also printed space for the name of user, name of club, date and score. Fits all standard size target holders.

	Per 1000
No. 2TI—Wt per 1000, 15 lbs	$9 90

100 in bdle.

TARGETS

CROSMAN, DODO



Black japanned steel frame and notched brackets for hanging.

Works automatically, by first scoring the dodos, and then a score on center target releases dodo forms to erect position.

For Use With All Crosman Pellets.

	Each
No. 4—Satin finish steel plate dodo forms and round center target. Length over all 10¾ inches; height 3¼ inches; wt each 2 lbs.	$6 60

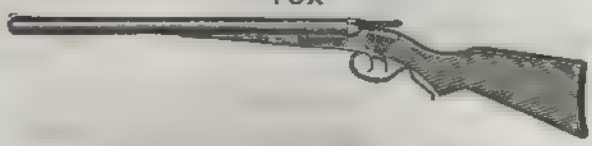
For Use With All 22 Rim Fire Cartridges.

	Each
No. 3—White painted heavy steel plate dodo forms and round center target. Length over all 10 ins; height 3½ ins; wt each 3¾ lbs.	$8 25

One in carton.

TOY GUNS

FOX



Double Barrel, Breech Loading.

Hardened steel barrels formed from a single piece of steel, black duco finish; duco lacquered imitation walnut finish, hardwood stock. Bright finish rust-proof steel shells. Shoots with sufficient accuracy and force to enable real target practice. Each shell contains a double coil spring, the gun is loaded by compressing these springs, inserting a small ball and putting shells into chambers. Complete with target, two shells and 50 wood balls spot welded together, that can be used many times.

	Per Doz
No. FTG-1—Length barrels 16 ins; length over all 29 ins	$79 20

One in cardboard box, half doz in carton; wt per doz 30 lbs.

EXTRA BALLS FOR NO. FTG-1 SHOT GUNS

Round, smooth finished hardwood.	Per Doz Bags
No. 1F-B—Wt per doz bags 1 lb	$3 90

45 balls in cotton bag.

AIR RIFLES

REMINGTON, REPEATER

Pump Action, Take Down Model.

Made for lead air rifle shot only.

Built along the lines of the Remington 22 caliber repeating rifle. Has no levers to pinch the fingers.

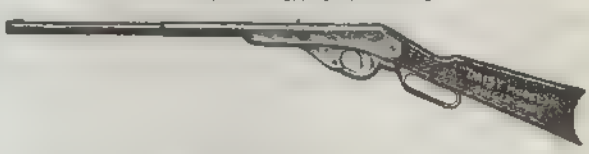
Genuine American walnut stock and fore-end. The fore-end is grooved and is extra large making it easy to grasp. All metal parts are extra heavy; heavy seamless brass barrel, will not rust and insures greater accuracy. Half pistol grip stock.

The safety feature of this rifle is entirely new and is positive. It cannot be fired until fore-end is at the extreme forward position. Length over all 38 inches.

	Per Doz
No. 26-AR—Magazine capacity 50 shots	$198 00

One in carton; wt each 4 lbs.

DAISY—Lever Action.



Single Shot and Repeaters.

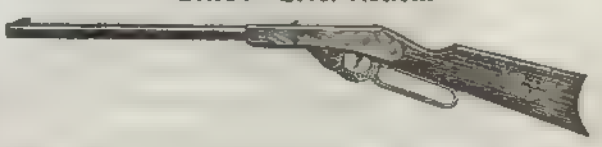
Lever action; extremely simple; removal of one screw enables user to remove all parts for inspection or replacement.

Peep rear sight and Rocky Mountain front sight; black walnut stock; length over all 31½ ins; weight each 1 11/16 lbs.

	Per Doz
No. 12—Single shot; shoots air rifle shot and 11/16 darts; blued finish	$37 50
No. 11—350 shot, repeater; shoots air rifle shot only; nickel finish	50 25

One doz in wood case; wt 26 lbs.

DAISY—Lever Action.



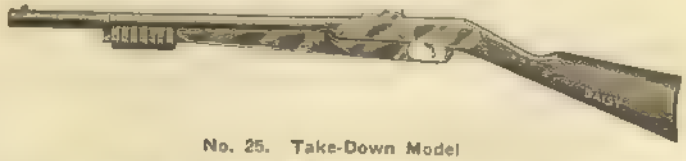
Magazine repeater; lever action, loads by operating the lever; shooting barrel provided with patented shot retainer that enables the user to shoot downward without losing the shot.

Steel barrel and frame; turned stock of genuine black walnut, highly polished, fitted with blued steel butt plate. This rifle shoots with great force and precision; shoots air rifle shot; length over all 36 in.; wt. each 2 9/16 lbs.

	Per Doz
No. 36—500 shot repeater; blued	$63 00
No. 3—1000 shot repeater; nickeled	75 75

Half doz in wood case; wt 20 lbs.

AIR RIFLES AND POP GUNS



No. 25. Take-Down Model

No. 25. **The Pump Action Daisy** [illegible] Price $5.00

No. 3. Daisy 1000 Shot Repeater

No. 3. **1000 Shot Daisy.** Magazine repeater lever action. Magazine holds 1000 air rifle shot and loads by operating the lever. Turned stock of genuine Black Walnut highly polished. Metal parts heavily nickeled. $3 00

No. 30. Daisy 500 Shot

No. 30. **500 Shot Daisy.** Automatic repeater with lever action. Same construction as No. 3, blued finish. The barrel is three inches shorter and the magazine holds 500 air rifle shot $2 50

No. 11. Daisy 350 Shot

No. 11. **Daisy Repeater.** Automatic repeater with lever action. Magazine holds 350 shot. A very sturdy air rifle that will appeal to boys. Single piece steel barrel heavily blued, walnut finish stock $2 00

No. 12. Daisy Single Shot

No. 10. Little Daisy Pop Gun

Each

No. 12. **Daisy Single Shot.** Lever action single shot, blued finish, walnut finished stock. Shooting barrel removable and shoots either air rifle shot or 17-100 darts $1 50

No. 10. **Little Daisy Pop Gun.** Built like an air rifle made entirely from steel. Handsomely nickeled and fitted with walnut finished stock. Shoots a cork and makes a loud noise, absolutely no danger. A gun for children too small for an air rifle. $0 50

THE NEW SAVAGE REPEATING PLAY RIFLE

Model 31—For Indoor and Outdoor Use

It is a 'pump action' Repeating Play Rifle designed for safe and real fun either indoor or outdoor use. This rifle is not an air gun and no explosive propellant is used. It shoots a ½ inch light weight rubber bullet propelled by a simple coil spring. The action is of the sliding forearm type. Magazine capacity fifteen balls. The range of accuracy for target practice is from 12 to 15 feet.

Each

Model 31—New Savage Repeating Air Rifle. $5 00

NEW REMINGTON AIR RIFLE

Each

Model 26—Slide Action—50 Shot Repeating. $7 50

COLT REVOLVERS AND AUTOMATIC PISTOLS

COLT POCKET POSITIVE REVOLVER

For the following Cartridges: .32 Colt Police Positive. (Using 32 Colt Police Positive; also .32 S. & W. Short and Long Cartridges, when barrel is stamped ".32 Police Ctg.")
SIX SHOTS. LENGTHS OF BARREL: 2½, 3½ and 6 inches. FINISH: Full Blued or Full Nickel Plated. Rubber Stocks. WEIGHT: With 2½ inch barrel, 16 ounces. LENGTH OVER ALL: With 2½ inch barrel, 6½ inches.
Colt Pocket Positive Revolver. Each.....$26 50

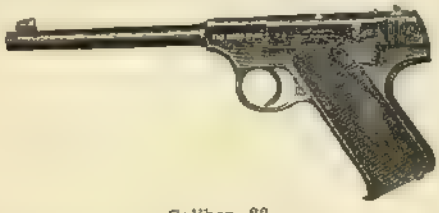
COLT "CAMP PERRY" SINGLE SHOT PISTOL

For the Caliber .22 Long Rifle, Rim Fire Cartridge.
LENGTH OF BARREL: 10 inches, especially chambered. LENGTH OVER ALL: 13¾ inches. FINISH: Full Blued. Checked Walnut Stocks. Frame edges mechanically stippled, with flat top and sights matted to prevent sun-glare or light reflection. WEIGHT: 34½ ounces.
Colt "Camp Perry" Single Shot Pistol. Each.....$40 75

COLT POLICE POSITIVE TARGET REVOLVER

For the following Cartridges: .22 Short and Long Rifle (Using .22 Short or Long Rifle Rim Fire Cartridges when barrel is stamped "Cal. .22"). .22 W. R. F. (Using only the .22 W. R. F. Model 1890 Rifle Cartridge when barrel is stamped ".22 W. R. F."). .32 Colt Police Positive. (Using .32 Colt Police Positive, Full and Gallery Loads; also .32 S. & W. Short and Long Cartridges, when barrel is stamped ".32 Police Ctg.")
SIX SHOTS. LENGTH OF BARREL: 6 inches only. SIGHTS: Either "Bead" or "Patridge" style as desired. Front Sight adjustable for elevation; Rear sight with binding screw, adjustable for windage. FINISH: Full Blued Checked Walnut Stocks, Checked Trigger. WEIGHT: .22 Cal. 26 ounces, .32 Cal. 23 ounces. LENGTH OVER ALL: 10½ inches.
Colt Police Positive Target Revolver. Each.....$30 00

COLT "WOODSMAN" MODEL AUTOMATIC PISTOL



Caliber .22

For the .22 Long Rifle, Rim Fire (Lubricated) Cartridge.
CAPACITY OF MAGAZINE: 10 shots. LENGTH OF BARREL: 6½ inches. LENGTH OVER ALL: 10½ inches. FINISH: Full Blued; Checked Walnut Stocks. WEIGHT 28 ounces.

Colt "Woodsman" Model Automatic Pistol. Each	$32 00
Extra Magazine	2 00

COLT GOVERNMENT MODEL AUTOMATIC PISTOL

Caliber 45

For the .45 Rimless, Smokeless Cartridge.
CAPACITY OF MAGAZINE: 7 shots. LENGTH OF BARREL: 5 inches. LENGTH OVER ALL: 8½ inches. FINISH: Full Blued; Checked Walnut Stocks, Checked Trigger and Arched Housing. WEIGHT: 39 ounces.

	Each
Colt Government Model Automatic Pistol	$36 75
Extra Magazine	1 25

COLT "SUPER .38" AUTOMATIC PISTOL

Caliber .38

For the .38 Rimless, Smokeless Cartridge
CAPACITY OF MAGAZINE: 9 shots. LENGTH OF BARREL: 5 inches. LENGTH OVER ALL: 8½ inches. FINISH: Full Blued; Checked Walnut Stocks; Checked Trigger and Arched Housing. WEIGHT: 39 ounces.

	Each
Colt "Super .38" Automatic Pistol	$36 75
Extra Magazine	1 25

COLT POCKET MODEL AUTOMATIC PISTOL

.32 and .380

Cal. .32 Rimless, Smokeless. Cal. 380 Rimless Smokeless
CAPACITY OF MAGAZINE: Cal. .32, 8 shots; Cal. .380, 7 shots; LENGTH OF BARREL: 3¾ inches; LENGTH OVER ALL: 6¾ inches; FINISH: Full Blued or Full Nickel Plated. Checked Walnut Stocks. WEIGHT: 23 ounces

	Each
Colt Pocket Model Automatic Pistol, .32 and .380	$20 50
Extra Magazine	75

COLT POCKET MODEL AUTOMATIC PISTOL

Caliber 25

For the .25 Rimless, Smokeless Cartridge

Capacity of Magazine: 6 shots; Length of Barrel: 2 inches; Length Over All: 4½ inches; Finish: Full Blued, with case-hardened trigger, slide lock safety and grip safety, or Full Nickel Plated. Checked Walnut Stocks. Weight: 13 ounces

	Each
Colt Pocket Model Automatic Pistol; .25 Caliber	$17 00
Extra Magazine	65

J AIR AND POP GUNS

"Daisy" Pump Guns

Slide action 50 shot repeater. Operates by pulling the slide towards the stock. Metal parts in non-rusting gun blue. Stock black walnut, hand polished. Adjustable sights.

NO.	Length	Wt. Each	EACH
25	38 in.	3¼ lb.	$5.00
25XB	Extra Shooting Barrels		1.00

One in a cardboard box; six in a case.

"Daisy" Automatic Repeater
1000 shot, automatic repeater, lever action, blued finish.

NO.	Length	Wt. Each	EACH
3	36 in.	2⅞ lb.	$3.00

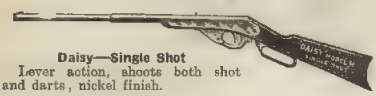
Five hundred shot repeater, lever action. Blue finish; wood stock.

NO.	Length	Wt. Each	EACH
30	33 in.	2⅞ lb.	$2.75

Six in a case.

Daisy—Model H Repeater
350 shot, repeater, lever action and nickel finish.

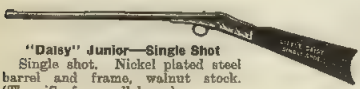
NO.	Length	Wt. Each	EACH
11	31½ in.	1¾ lb.	$2.50



Daisy—Single Shot
Lever action, shoots both shot and darts, nickel finish.

NO.	Length	Wt. Each	EACH
12	31½ in.	1¾ lb.	$1.75

Twelve in a case.



"Daisy" Junior—Single Shot
Single shot. Nickel plated steel barrel and frame, walnut stock. (The rifle for small boys.)

NO.	Length	Wt. Each	EACH
20	29 in.	18 oz.	$1.25

Twelve in a case.

Air Rifle Darts—Steel Points

NO.	PKG.
AD	$0.60

One dozen in a package.

Benjamin

Single shot, take down, air compressed into air chamber by one or two strokes or pump rod. Nickel plated barrel, walnut stock.

NO.	Lgth. In.	lb Es.	EACH
Benjamin	36	2	$5.00

One in a carton; twelve in a case.

All Metal—Pop Guns

Break down action blued steel barrel, black walnut stock; shoots a cork incased in metal cage at end of barrel.

NO.	Length	Wt. Each	EACH
1	17 in.	7½ oz.	$0.35

Three dozen in a case.

LIQUID PISTOLS

Daisy

All metal; no rubber bulb; for use with water or ammonia. Loaded by compressing and immersing the end in liquid.

NO.	Wt. Doz.	EACH
8	5½ lb.	$0.50

Packed bulk.

J

AIR RIFLES

CROSMAN—PNEUMATIC .22

The Crosman Pneumatic rifle for target and small game shooting using Crosman Pells. Has heavy walnut stock pistol grip, steel butt plate.

Explosive Force—Compressed air under tremendous pressure.

Barrel—Blued steel, round and accurately rifled for .22 caliber pells.

Action—Popular sliding bolt type, rugged and fast.

Sights—Government type blade front sight and adjustable rear peep.

Pells—Not round but spool shaped with rounded nose; ungreased.

Cleaning—No cleaning necessary with the Crosman.

Take Down—When desired entire stock may be removed.

The Crosman Pneumatic .22 is capable of precision shooting up to 50 yards.

No Powder to Corrode or pit the barrel, no noise, no smoke and no troublesome cleaning. Maintains accuracy indefinitely.

Velocity may be varied at will for either target or field work.

Trigger Pull is light and smooth without take-up or creep.

NO	Lgth In.	lb Each	EACH
C-1	35	5¼	$12.00

One in a carton.

Crosman—Repeater

This new Crosman Repeater has all the features of the Crosman Single Shot—no noise, amazing accuracy, no cleaning, low cost ammunition, and power to kill small game—plus these noteworthy improvements: Twenty shots at one loading. Greatly increased, adjustable power. Checkered walnut stock and forearm, pistol grip. Improved sights. Exclusive pyrasteel valve, giving life-time service.

NO.	Length In.	Lbs. Each	EACH
C-2	36	6	$16.00

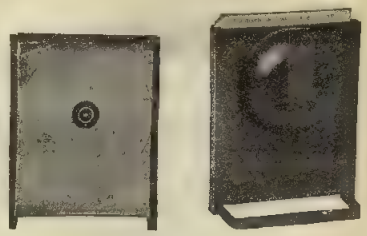
AMMUNITION

Crosman Pells

NO.		lb 1000	1000
CPB	Blunt End	2¼	$2.40

Five hundred in a package.

TARGET HOLDERS



NO.	Crosman	EACH
T. H.		$2.00
		PER 1000
Targets (paper)		$5.00

TARGETS

CROSMAN

The Automatic Dodo

The Automatic Dodo Target provides all the sport of the shooting gallery. Requires no manipulation, and does away with the danger that accompanies shooting at tin cans, glass bottles, etc.

Shoot down each Dodo and then hit the center target. All three figures spring automatically back into position. It puts new sport into target shooting. Size over all 4x10 in. Made from heavily japanned armor plate and can be easily carried about. Hang it on the wall or any convenient tree or post.

NO.	lb Each	EACH
B	For .22 Firearm or Air Rifle 5	$4.00

AUTOMOBILE JACKS

WALKER, BLUE BOY

Malleable iron frame and base, blue finish; heat treated rack bar and drop forged dogs makes it strong and rugged. Built especially for aligning wheels, adjusting brakes, replacing springs, axles and general service use in garages for moving cars, etc. Each

No. A-125—Capacity 3 tons; height closed 10½ ins; height open 17½ ins; height of foot 4 to 9⅝ ins $20 55

Packed loose; wt each 19 lbs.

BLACK HAWK TOURIST HYDRAULIC

Case hardened knurled steel saddle, malleable iron frame and base, red baked enamel finish. 34 inch 2 piece steel handle permits placing and removing jack without getting under car. Operates by a twin check value unit on the hydraulic principle with oil as the lifting medium. Lowers automatically by turning release valve in base.

Capacity 1½ tons; height closed 8½ inches; lift 6 inches; height over all 14½ inches.

No.	A-T85
1 to 5, Each	$15 81
6 or more, Each	14 22

One in carton, six in case; wt each 9½ lbs.

BLACK HAWK ALL CAR HYDRAULIC

Malleable steel saddle, malleable iron frame and base, red baked enamel finish. 34 inch two piece tubular steel handle permits placing and removing jack without getting under car.

Operates by a twin check valve unit on the hydraulic principle with oil as the lifting medium. Lowers automatically by turning release valve in base. No axle is too low or awkard for this model, if the head can't be easily engaged the adjustable toe always can. Made with broad sled base that slides easily into position, especially on rough roads, gravel and crushed rock. 1½ ton capacity on head, ¾ ton on toe. Working range from 3½ to 16 inches.

No.	A-J10
1 to 5, Each	$25 80
6 or more, Each	23 25

One in carton; wt each 18 lbs.

BLACK HAWK HI-WAY HYDRAULIC FOR BALLOON TIRED LOW SLUNG CARS

Case hardened steel saddle, malleable iron frame and base, red baked enamel finish. 34 inch 2 piece steel handle permits placing and removing jack without getting under car. Operates by a twin check valve unit on the hydraulic principle with oil as the lifting medium. Lowers automatically by turning release valve in base.

Double or telescopic lift and the 2⅝ inch hand adjustable extension gives an extra high lift necessary to change balloon tires.

Capacity 2 tons; height closed 7⅜ inches; lift 8 inches; height over all 18 inches.

No.	A-B75
1 to 5, Each	$39 99
6 or more, Each	36 00

One in carton.

AUTOMOBILE JACKS

BLACK HAWK MOTOR TRUCK HYDRAULIC

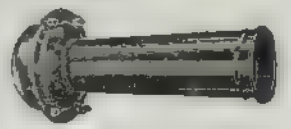
Case hardened knurled steel saddle, malleable iron frame and base, red baked enamel finish. 34 inch 2 piece steel handle permit placing and removing without getting under car. Operates by a twin check valve unit on the hydraulic principle with oil as the lifting medium. Lowers automatically by turning release valve in base.

Nos.	A-A9	A-C11
Cap, tons	8	7
Height closed, ins	9	11
Lift, ins	5	7
Height over all, ins	14	18
Wt each, lbs	14½	18½
1 to 5, Each	$35 01	60 01
6 or more, Each	31 50	45 00

One in carton.

AUTOMOBILE HORNS

DAISY



High Speed Vibrator Type.

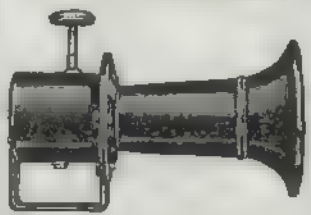
Double contact, 6 volt electric vibrator. Full black enameled With bracket for engine mounting. Horn has excellent tone qualities.

Each

No. A-VG—Length 12 ins; diam 5 ins $6 30

One in carton; wt each 3½ lbs.

SPARTONET, HAND OPERATED



Full black enameled. Complete with bracket and screws for fastening to car.

Length over all 9¼ inches; length projector 5½ inches; diameter bell 5 inches.

No.	A-475
1 to 15, Each	8 01
15 to 23, Each	7 20
23 or more, Each	6 84

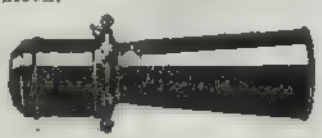
One in carton, wt each 2½ lbs *$4 00*

SPARTON

Black enameled. Complete with pressed steel supporting bracket for mounting on motor block.

SPARTON

Electric Motor Driven, Adapted For All Cars, Equipped With 6 Volt Battery.



Length over all 11 inches; diameter 4½ inches.

No.	A-HAJ-6
Volts	6
1 to 16, Each	7 50
16 to 24, Each	6 75
24 or more, Each	6 42

One in carton; wt each 2½ lbs. *$3 75*

SPARTON A. T. Electric Motor Driven.

Length over all 12½ inches; diameter 5 inches. 6 volts.

No.	A-AT-6
1 to 10, Each	12 00
10 to 15, Each	10 80
15 or more, Each	10 26

One in carton; wt each 5¼ lbs. *$6 00*

AUTOMOBILE JACKS

WALKER'S BADGER, Truck.

Large malleable frame and base. Drop forged pawls and steel working parts. The bearings are heavy; the leverage great, making lift easy even when jack is loaded to capacity. Equipped with 17 inch removable handle.

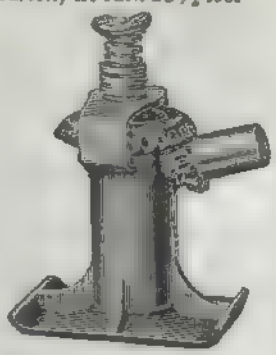
Each

No. A-5—Capacity 3 tons; height 10 inches; fitted with 1½ inch extension cap raise 6 inches...**$15 30**

One in carton; wt each 15½ lbs.

WALKER

Double Extension Screw Type. For Balloon Tires.

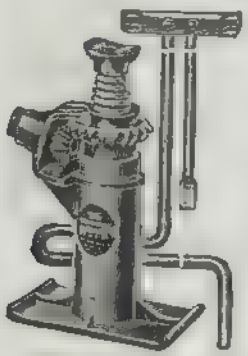


Mallable iron standard gear and pinion, black enameled finish; hardened steel cap insures firm contact at lifting point and ball bearings add to ease of lift.

One piece 41 inch folding steel handle clears the bumpers and makes positioning easy. Capacity 2000 lbs.

Nos.	A-330	A-340
Height, ins	5½	7
Raise, ins	7½	10
Wt each, lbs	4½	5¼
Each	$4 80	4 95

Packed loose.



WALKER, Ball Bearing. For Balloon Tires.

Malleable iron frame and base; screws are cut from steel bars the smallest one of vanadium steel; case hardened milled steel cap; one piece folding type crank handle. Designed for light cars equipped with balloon tires.

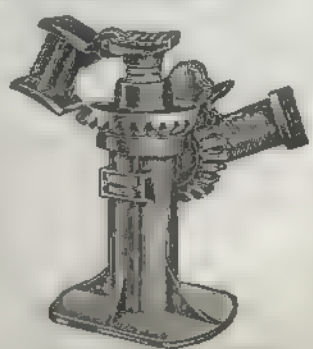
Each

No. A-515—Capacity 1 ton; height lowered 7½ ins; height open 16 ins; diam of screws ¾ and 1⅛ ins; length handle 33 ins...**$7 80**

Three in carton; wt each 7½ lbs

WALKER

Single Screw Type. For Trucks and Buses.



Malleable iron standard, and base, black enameled finish. Solid steel screw with machine cut threads. Hardened steel cap insures firm contact, and ball bearings add to ease of lift. 24 inch steel handle with wood grip. Height over all 10 inches.

Nos.	A-240	A-266
Capacity, tons	4	6
Diam screw, ins	1¼	1½
Extension cap, ins	2½	3
Raise, ins	5⅝	5⅜
Wt each, lbs	17	20
Each	$16 50	20 85

Packed loose.

AUTOMOBILE JACKS

WALKER

For Balloon Tires.

Malleable iron frame and base; high carbon steel screw; one piece folding type crank handle.

Unusually easy operation is obtained through the use of ballbearings and a telescoping screw.

Designed for cars with large balloon tires and extremely low axles.

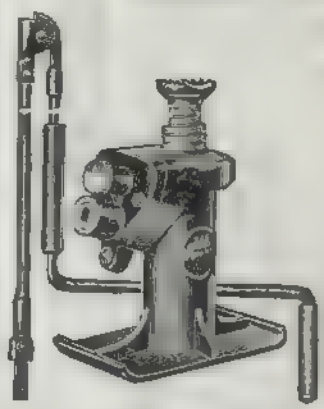
Each

No. A-520—Capacity 1 ton; height lowered 7½ ins; height open 16 ins; length handle 38 ins...**$10 20**

One in carton; wt each 9 lbs.

WALKER'S MASTER MODEL

Ball Bearing Double Screw.



Malleable iron frame and base, blue enameled finish. Two high carbon steel screws, sizes ⅞ and 1¼ inches. The gear reduction feature combined with large ball bearings give a lift so easy that eight pounds on the handle will lift a ton capacity on the cap. 48 inch turning crank type folding handle with special grips and proper leverage makes it easy to place under car, make the lift and withdrawal while a universal joint in the end of handle makes it easy to clear all interference.

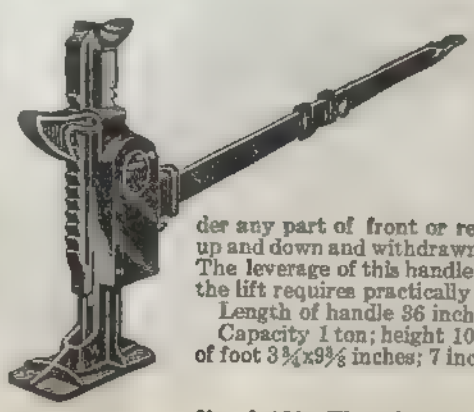
Each

No. A-525—Capacity 1½ tons; height 7½ ins; raise 8½ ins...**$13 05**

One in carton; wt each 12 lbs.

WALKER'S BADGER

For Use On Cars Equipped With Balloon, Cord or Fabric Tires.



Long Handle Adjustable Foot Lift.

Malleable iron base and frame; high carbon steel rack and pawls.

This jack can be placed with greatest ease under any part of front or rear axle, pumped up and down and withdrawn with the handle. The leverage of this handle is so great that the lift requires practically no effort.

Length of handle 36 inches.

Capacity 1 ton; height 10⅜ inches; height of foot 3¼x9⅜ inches; 7 inch raise.

Each

No. A-126—Wt each 14 lbs...**$11 25**

One in carton.

SHOT GUNS
DOUBLE BARREL, HAMMER
—ESSEX—

Case hardened locks and frame. Water table breech, low circular hammers; double bolt, rebounding bar locks; top lever action. Interchangeable lock parts machine made.

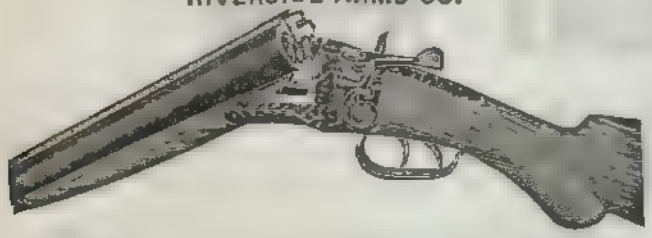
Barrels—Genuine armor steel, blued, matted extension rib. Can furnish cylinder, modified or full choke bored.

Stock—Polished hardwood; rubber butt plate.

With Plain Extractor.	Each
No. 112E—12 gauge, 26, 28, 30 or 32 in. barrels; wt 7½ to 8 lbs.	$40 50
No. 116E—16 gauge, 26, 28 or 30 in. barrels; wt 7½ to 8 lbs.	40 50
No. 120E—20 gauge, 26 or 28 in. barrels; wt 6¼ to 6¾ lbs.	40 50

One in cardboard box; ten in wood case.

RIVERSIDE ARMS CO.



Action—Top lever and bolt in one piece; low circular hammers; rebounding locks; coil springs.

Barrels—Blued; tested with Nitro powder; matted extension rib; barrel and lug in one piece, forged from a solid bar of steel; brazed fore-end lug. Right modified, left full choke.

Frame—Flat; case-hardened.

Stock—Checkered half pistol grip, and snap fore-end; rubber butt plate; length 14 inches; drop 2 to 3¼ inches.

With Plain Extractor.	Each
No. 215-12—12 gauge, 26, 28, 30 or 32 in. barrels; wt 7¾ lbs.	$43 50
No. 215-16—16 gauge, 26,28 or 30 in. barrels; wt each 7 lbs.	43 50

One in cardboard box; ten in wood case

L. C. SMITH

The locking bolt is cylindrical in shape and tapered to allow for wear and self adjusting, making it impossible to shoot loose. Guaranteed to shoot any nitro powder loads. Standard length of stock 14 to 14¼ inches, standard drops 2½ to 3¼ inches. Hammer guns are not made special to order.

Case hardened frame; low circular hammers; rebounding locks.

Barrels—Royal steel, carefully selected, toughened and hardened, matted extension rib. Can furnish cylinder, modified or full choke bored.

Stock—English walnut; checkered pistol grip; rubber butt plate.

With Plain Extractor.	Each
No. 12SHB—12 gauge, 26, 28, 30 or 32 in. barrels; wt 7½ to 8¼ lbs.	$95 70
No. 16SHB—16 gauge, 26, 28 or 30 in. barrels; wt 7 to 7½ lbs.	95 70

One in cardboard box; ten in wood case

SHOT GUNS
DOUBLE BARREL, HAMMERLESS
—ESSEX—

With Automatic Safety.

Every part is drop forged, highly polished and case hardened.

The cocking mechanism is simple and strong and requires no more exertion than is used to open an ordinary hammer gun, and may be closed with the hammer cocked or otherwise, if desired.

Frame and action parts drop forged from best refined steel; locked by heavy round barrel lug-bolt and cross-bit on extension rib, which makes it impossible to shoot loose.

Barrels—Genuine armor blued steel, Lyman ivory front sight, matted extension rib. Can furnish cylinder, modified or full choke bored.

Stock—Full capped checkered pistol grip; Deeley and edge fore-end neatly checkered, fancy rubber butt plate.

Weights—12 gauge, 7¼ to 8 lbs.; 16 gauge, 7 to 7¾ lbs.; 20 gauge, 6¼ to 6¾ lbs.

With Plain Extractor.	Each
No. 0112E—12 gauge, 26, 28, 30 or 32 in. barrels **No. 0116E**—16 gauge, 26, 28 or 30 in. barrels **No. 0120E**—20 gauge, 26 or 28 in. barrels **No. 0410E**—410 gauge, 26 in. barrel only	$47 10

One in cardboard box; ten in wood case.

DAN'L BOONE

Breech—Reinforced; consists of a sleeve fitted over breech of barrels, full length of shells increasing its strength. Barrel lug and breech are all one forging which assures a perfect fit of barrel preventing gun ever shooting loose.

Action—Top lever extending through slot of rib extension and locking on both sides of frame; spiral main spring, automatic safety.

Barrels—Decarbonized steel, matted rib, fully tested with extra heavy proof loads. Can be furnished in cylinder, modified or full choke bored.

Frame—Case hardened.

Stock—High grade oil finished walnut with half pistol grip and plain fore-end. Rubber butt plate. 2¼ to 3 inch drop. Factory will not deviate from this drop.

Weights—12 gauge, 7¼ to 7¾ lbs; 16 gauge, 6½ to 7¼ lbs; 20 gauge, 6 to 6½ lbs.

	Each
No. DB212—12 gauge; 28, 30 or 32 in. barrels	$20 25
No. DB216—16 gauge; 26, 28 or 30 in. barrels	20 25
No. DB220—20 gauge; 26 or 28 in. barrels	20 25

One in cardboard box; ten in wood case.

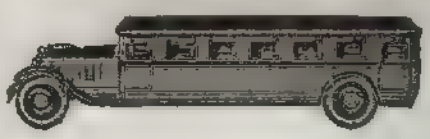
D 7

FRICTION POWER TOYS

DAYTON, WITH GYRO MOTOR

Heavy metal body; wheels made of steel perfectly true and smooth running. Driving power comes from the famous Gyro motor which is a revelation in toys that operate mechanically; easily operated by any child.

INTER CITIES BUS



Sheet steel; yellow enameled trimmed in black and red; equipped with large rubber tires.

Per Doz

No. 2000—Length over all 26 ins; width 6½ ins; height 7 ins **$96 00**

Half doz in carton; wt per doz 47½ lbs.

DUMP TRUCK

Sheet steel; enameled orange body, green bed, radiator shell, fenders and running boards enameled red, yellow disc steel wheels. Equipped with bumper.

Per Doz

No. 540—Length over all 14½ ins; height 6½ ins; width 4¾ ins; one doz in carton, wt per doz 42 lbs **$39 00**

No. 1010—Length over all 20¼ ins; height 8⅝ ins; width 6⅝ ins; half doz in carton, wt per doz 45 lbs .. **66 00**

VICTORIA COUPE

Sheet steel; blue enameled body, black top and fenders, red disc wheels with rubber tires. Equipped with extra wheel and bumper.

Per Doz

No. 900—Length 18½ ins; height 8 ins; width 6¼ ins. **$61 50**

Half doz in carton; wt per doz 51 lbs.

COUNTRY CLUB ROADSTER

Sheet steel; yellow enameled; trimmed in black. Equipped bumpers, wind wings and extra wheel.

Per Doz

No. 830—Length over all 18½ ins; width 6¼ ins; height 7½ ins **$48 00**

Half doz in cardboard box; wt per doz 28½ lbs.

DAYTON, WITH GYRO MOTOR

FIRE ENGINES

Sheet steel; red enameled body, tank and hose reel, green fenders, black disc wheels, with rubber tires. Equipped with bumper.

Per Doz

No. 731—Length 13½ ins; height 6½ ins; width 4½ ins. **$39 00**

One in cardboard box; wt per doz 36 lbs.

FRICTION POWER TOYS

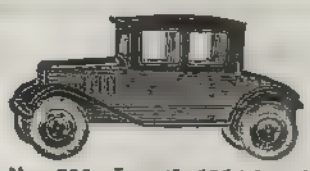
EXPRESS TRAINS

Sheet steel; enameled bright red, gold bronze trimmings.

Per Doz

No. 590—Length 30 ins; height 5½ ins; width 3½ ins. **$42 00**

One in cardboard box; wt per doz 92 lbs.



Sheet steel; blue enameled body, black top and fenders, red disc wheels with rubber tires. Equipped with bumper.

Per Doz

No. 726—Length 13½ ins; height 6¼ ins; width 4½ ins **$39 00**

One in a cardboard box; wt per doz 30 lbs.

AEROPLANES

Sheet steel, yellow enameled body, red propeller and wings. Length over all 13½ inches; height 5 inches; width 13 inches.

Per Doz

No. 700—Wt per doz 56 lbs **$30 75**

One-twelfth doz in cardboard box; half doz in carton.

AUTO TRUCKS

Light.

Sheet steel; enameled blue, decorated in yellow. Runs in straight line or circle. Length over all 15 inches; height 6½ inches; width 5 inches.

Per Doz

No. 785—Wt per doz 9 lbs **$28 50**

FREIGHT ENGINES

Sheet steel; enameled bright red, trimmed in yellow. Length over all 17½ inches; height 6½ inches; width 3½ inches.

Per Doz

No. 735—Wt per doz 51 lbs **$30 75**

One-twelfth doz in cardboard box; half doz in carton.

RACING CARS

Sheet steel; red enameled, yellow body and wheels. Runs in straight line or circle. Length over all 11 inches; height 8¾ inches; width 3½ inches.

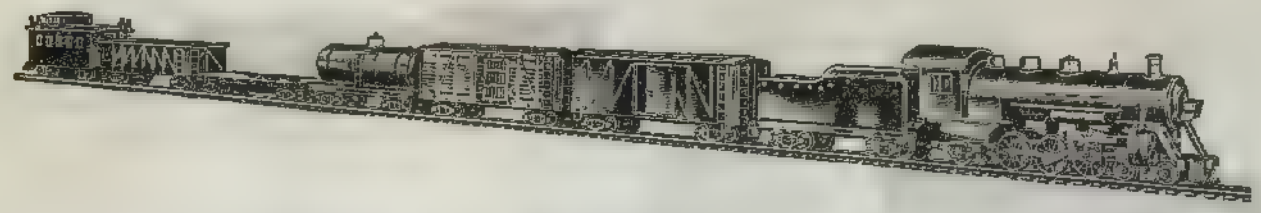
Per Doz

No. 430—Wt per doz 19 lbs **$18 00**

One dozen in cardboard box.

OUTDOOR STEEL TRAINS

"BUDDY L"—NON-ELECTRICAL, NON-MECHANICAL—STRONG ENOUGH TO RIDE UPON



Total Length 15 Ft.

Note These Sizes:	Length, ins	Width, ins	Height, ins
Engine with Tender	44	6½	9½
Box Car	22	6½	7¾
Stock Car	22	6¾	8¼
Tank Car	19½	6¼	9
Flat Car side drop ballast	22	6½	7¾
Coal Car drop bottom	22	6½	5½
Caboose	20	6¼	2½

The Buddy "L" Outdoor Railroad is **the most remarkable plaything ever conceived. Imposing in size; made entirely of steel; strong enough for a child to ride upon.** All proportions are true to scale and as a consequence the train is startingly realistic in appearance. May be pushed, pulled and scooted on its track or on the sidewalk.

The heavy steel rails are made in 4 foot interlocking sections, integral with steel ties, and when laid down in the yard, either straight or in curves provides a solid, substantial track 24 sections curved track required to make a complete circle 3 feet in diameter and 96 feet in circumference.

The cars when bumped together couple automatically like a real train. The doors open and close, tanks may be filled and drained, cars loaded. Every thrill of actual railroading is here.

The locomotive and tender are packed as one unit, while cars may be added as wanted. Baked-on enamel finish in proper colors.

Per Outfit

No. 999—Train as illustrated; Locomotive and Tender, Box Car, Tank Car, Caboose and 20 ft. of staight track; wt per outfit 110 lbs $108 75

Per Set

No. 1000—Locomotive, Tender and 20 ft. of track; wt per set 50 lbs $54 00

Each

No. 1001—Caboose; wt each 20 lbs $18 75
No. 1002—Box Car; wt each 20 lbs 17 25
No. 1003—Tank Car; wt each 20 lbs 18 75

One in carton.

Each

No. 1004—Stock Car; wt each 20 lbs $17 25

No. 1005—Coal Car; wt each 20 lbs 17 25

No. 1006—Flat Car; wt each 10 lbs 12 00

One in carton.

Track In 4 Foot Sections.

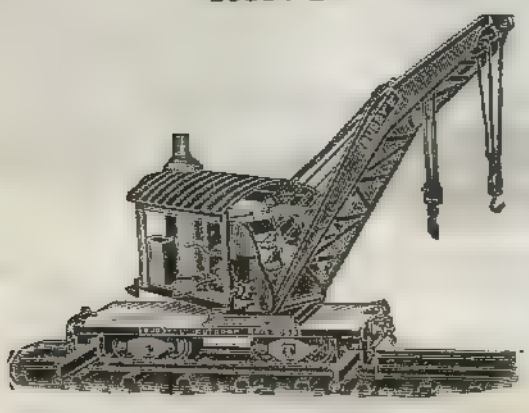
Width from center to center of rails 3½ inches.

Per 4 ft Sections

No. 1200—Straight track $2 85
No. 1201—Curved track 3 60

Packed loose.

LOCOMOTIVE WRECKING CRANE "BUDDY L"



For Use With "Buddy L" Outdoor Train.

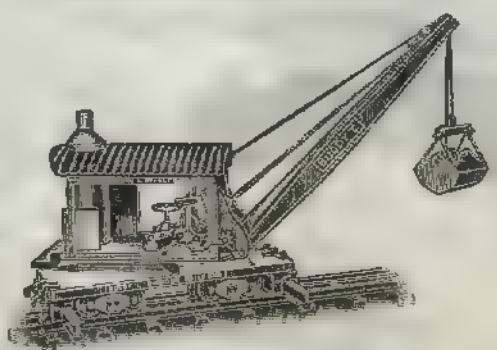
All steel construction, red and black enamel finish; mounted on flat car; special device for holding car to track while lifting. Equipped with three windlasses for operating crane; turntable, will turn completely around.

Each

No. 1020—Length, extended 35½ ins; height 23 ins $33 00

Crated; wt each 26 lbs.

LOCOMOTIVE DREDGE "BUDDY L"



For Use With "Buddy L" Outdoor Train.

All steel construction, red and black enamel finish; mounted on flat car; special device for holding car to track while lifting. Equipped with windlass for raising and lowering beam, and one with trip for operating bucket, hand wheel swings cab clear around.

Each

No. 1021—Length extended 34 ins; height 23 ins $27 00

Crated; wt each 26 lbs.

BASE BALLS–The Fast Sellers

3486

3484

No. 3486 "CHAMPION" BASE BALL. This is a leader in the boy's size ball. It has a water-proof cover, carefully stitched with double waxed thread. It is carefully filled and molded and made to represent the best value ever offered at this price. Packed 1 dozen in a box
Per Dozen ..... .84

No. 3484 "AMERICAN STAR" BASE BALL. A full size ball, the center of which is made of selected cut n waste covered with shoe-skin carefully stit hed with red thread. A low priced ball that will give real satisfaction. 1 dozen in a box.
Per Dozen 2.00

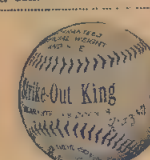
3485

3483

No. 3485 "JUNIOR LEAGUE" BASE BALL. This is a boy's base ball. Covered with sheep-skin and stitched with double waxed thread. A base ball that is made with a view of giving the boys a good hard playing article for the least possible price. 1 dozen in a box.
Per Dozen 2.00

No. 3483 "COLLEGE LEAGUE" BASE BALL. Full regulation size. Made with compressed felt center, finished off with cotton yarn and covered with Horsehide. Carefully stitched with red and green thread. Packed each in a box.
Per Dozen 3.75

3482



5156 Dazzy Vance

No. 3482 MAJOR LEAGUE SPECIAL BALL. Standard size 9 in., weighs 5 oz. Guaranteed to last for 9 innings. High-grade rubber center carefully wrapped with yarn. Well manufactured with exacting care as to details of construction, which insures good playing qualities. Each packed in a sealed box
Per Dozen 5.40

No. 5156 "DAZZY VANCE STRIKE-OUT-KING" BASE BALL. Standard size 5 oz. 9 in. around. Guaranteed for 9 innings. Has very good playing qualities for the price. Perfect right. Well balanced, livest and durable. It has rubber center wrapped with wool yarn twice cemented and covered with the best quality Alum Tan Horsehide double stitched with red and black finest quality base ball thread. Each packed in a sealed box
Per Dozen 7.50

Official American League Ball

Guaranteed for Full Game

No. 3500 "OFFICIAL AMERICAN LEAGUE" BALL. Made by A. J. Reach Company. Standard of quality retails for $2.00 each. It is known throughout the base ball world for its fine playing and wearing quality. The center is latex turned perfect sphere of live cork surrounded by black semi vulcanized rubber over which is vulcanized another coat of red rubber, this forms a core that is remarkable for accuracy in its action and preserves the liveliness. It's then wound with pure wool yarn and covered with selected quality of best Horse hide stitched with extra strong blue and red thread. Fully confirms to Official specifications. Guaranteed for full game.
Per Dozen 16.50

1661

Rugby Foot Balls

3583

No. 1661 RUGBY FOOT BALL. Regulation style—11¼ in. long. 4 piece genuine leather pebble grain buff color, with fine quality rubber gum bladder. 6 hole round cord lacing—leather faced opening, double stitch.
Complete Each ..... .85

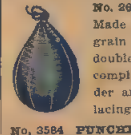
No. 3583 RUGBY FOOT BALL. Full regulation No. 5 size. Made of selected pebble grain Cowhide leather with first quality rubber bladder. It's properly lined and so modeled that it will retain perfect shape. It is a real good grade and will stand rough usage. Complete with bladder
Each 2.50

2619

2620

No. 2619. BASKET BALL. Made of genuine pebble back sheep leather, waterproof lined, regulation style and size. Completed with guaranteed durable rubber bladder. Strong cord lacing. Each 2.25

No. 2620 BASKET BALL. Genuine English Cowhide, full grain, nice soft finish, waterproof lined regulation in style and size, strong cord lacing, includes guaranteed rubber bladder
Each 4.20



No. 2622 PUNCHING BAG. Pear shape. Made of genuine sheep skin leather, full grain leather, bag has drill lining, double stitched bottom, 15 in. long, complete with guaranteed rubber bladder and loop for hanging metal eyelet lacing. Each 2.00

No. 3584 PUNCHING BAG. Full regulation size. Made of select quality genuine Sheepskin leather. Pear shape. The bag is lined with heavy drill cloth and all seams are sewed with double stitch. Reinforced bottom. Full length 17 in. Complete with guaranteed rubber bladder with leather loop arranged for proper hanging. Metal Eyelet lacing. Each 3.00

D 5

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

(No. 574PB)

DESKFLEX

One light, 7 inch shade; cast metal felt covered base, flexible metal arm. Height to where metal arm begins 8 inches; length metal arm 12 inches; one turn knob socket; 6½ feet of cotton covered cord and separable attachment plug.

No. 574PB has green, white lined glass shades. Nos. 74RG and 74PB have metal shades, aluminum finish inside, outside finished to match base and stand.

	1 to 11, Each	12 or more, Each
No. 74MG—Base and arm mottled green sprayed	$3 54	3 21
No. 74PBC—Pompeian bronze	3 54	3 21
No. 574PB—Pompeian bronze and gold	7 44	6 75

One in carton; wt each 4½ lbs.

DESK LAMP

BASE—Cast iron base, flexible metal arm, vernis bronze finish; glass ash tray. Length extended 23 inches. One key socket; 6 feet of cord with separable attachment plug.

SHADE—Steel.

	Each
No. 27—Wt each 3½ lbs	$4 14

One in carton.

RADIO LAMP ADJUSTABLE

One light, 6 inch metal shade, aluminum finish inside, outside finished to match base and stand.

Pompeian bronze finish metal standard and base; one knob socket; height 12 inches; 6 feet of silk covered cord and separable attachment plug.

	1 to 11, Each	12 or more, Each
No. 945—Complete	$4 95	4 50

One in carton; wt each 4 lbs.

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

(No. NSA-DOI)

CLAMP LAMPS
NEW SUPER ADJUSTABLE

Brass; adjustable stem and shade; one light key socket; weighted base is fitted with clamping or hanging device for attaching to bed, chair or wall at any angle desired. Complete with 8 feet of cord and separable attachment plug. Height 12 inches.

	1 to 11, Each	12 or more, Each
No. NSA-BB—Brush brass finish, plain	$5 49	4 98
No. NSA-MB—Mahogany bronze finish, plain	5 49	4 98
No. NSA-IE—Ivory enameled finish, plain	5 49	4 98
No. NSA-DOI—Old ivory finish, decorated	6 60	6 00

One in cardboard box; wt each 1½ lbs.

DELUXE ADJUSTABLE

One light, 7 inch white lined green glass shade. Cast metal column and felt covered base. Height 14 inches; one turn knob socket; 6½ feet of silk covered cord and separable attachment plug.

	1 to 11, Each	12 or more, Each
No. 584PB—Pompeian bronze finish	$6 60	6 00

One in carton; wt each 4 lbs.

DESK, ADJUSTALITE

One light, 7 inch metal shade, aluminum finish inside, outside finished to match base and stand. Cast metal column and felt covered base. Height 14 inches; one turn knob socket; 6½ feet of silk covered cord and separable attachment plug.

Pompeian Bronze.

No.	564PB
1 to 11, Each	$5 79
12 or more, Each	5 25

One in carton; wt each 4 lbs.

D 3

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

TABLE LAMPS

SHADE—Black georgette over orange sateen lining, metal lined ruching and gold tinsel braid edging top and bottom of shades. Floral decoration. Oblong 19 inch shade.

BASE—Glazed porcelain, black finish; height 22 inches. Two chain pull sockets; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 21MB-W150—Complete	$15 75
No. W150—Shade	7 80
No. 21MB—Base only	7 80

One in carton; wt each 10 lbs.

TABLE LAMPS

SHADE—Chintz cretonne covered parchment, pleated, floral decorated on white background. Diameter 18 inches.

BASE—Glazed porcelain; black finish; height 22 inches. Two chain pull sockets; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 21MB-16CC—Complete	$13 65
No. 16CC—Shade	5 85
No. 21MB—Base only	7 80

One in carton; wt each 10 lbs.

TABLE LAMPS

SHADE—Round, one piece art glass, hand decorated.

BASE—Cast metal base, gold polychrome finish with floral decorations; 2 chain pull sockets; height 23 inches; 6 feet of cord and separable attachment plug.

With Cool Colored 14 Inch Shade.	Each
No. 985-14GSC—Complete	$24 90
No. 14GSC—Shade	11 55
No. 985—Base	13 35

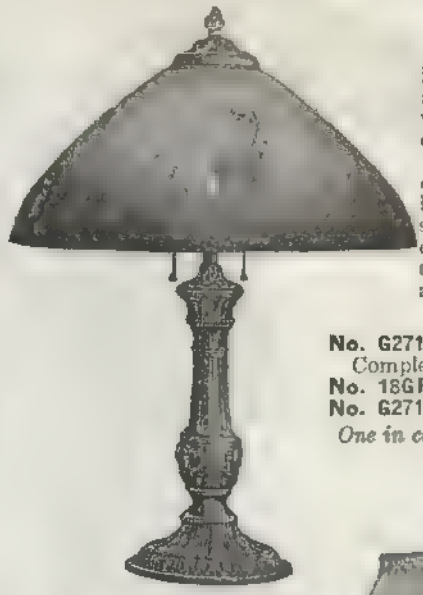
With Cool Colored 16 Inch Shade.	Each
No. 985-16GSC—Complete	$27 00
No. 16GSC—Shade	13 65
No. 985—Base	13 35

With Warm Colored 14 Inch Shade.	Each
No. 985-14GSW—Complete	$24 90
No. 14GSW—Shade	11 55
No. 985—Base	13 35

One in carton; each wt 15 lbs.

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.



METAL TABLE LAMPS

SHADE—Round 18 inch shade, one piece art glass, decorated with flowers in warm colors.

BASE—Bronze polychrome finish metal base; two chain pull sockets; height 24 inches, 6 feet of silk covered cord and separable attachment plug.

	Each
No. G271BP-18GFW—Complete	$34 80
No. 18GFW—Shade	18 15
No. G271BP—Base	16 50

One in carton; wt each 14 lbs.

TABLE LAMPS

SHADE—Fancy seco shade with ornamental braid on top and bottom with floral ornamentation.

BASE—Fancy glass table lamp, vase shape, with metal base; height 24 inches, 6 feet of silk covered cord and separable attachment plug.

Complete.	Each
No. 888B—Blue shade	$11 85
No. 888G—Gold shade	11 85
No. 888R—Rose shade	11 85
No. 888GR—Green shade	11 85

One in carton; wt each 10 lbs.

Lamp Assortment.	Per Ass't
No. 888-A—Consists of 4 lamps, 1 each of Nos. 888B, 888G, 888R and 888GR	$45 45

One ass't in carton; wt per ass't 40 lbs.

CLAMP LIGHTS

Brass; adjustable; one light key socket. Designed for use on chair or bed, hangs on nail or hook, stands on desk or table. Base pulls out and will clamp on anything flat or round up to 2½ inches. Complete with 8 feet cord and separable attachment plug. Height 12 ins.

Brush brass finish.

No.	CLB
1 to 11, Each	4 41
12 or more, Each	3 99
Mahogany bronze finish.	*$2 00*
No.	**CLM**
1 to 11, Each	4 41
12 or more, Each	3 99

One in cardboard box; wt each 1½ lbs. *$2 00*

Clocks That Possess Unusual Characteristics and Individuality

This representation of clocks is the product of clock designers who specialize in unique, yet distinctive and exclusive styles, and still offer the clocks at popular prices. The designs are new this season and some of these models are sold exclusively by us

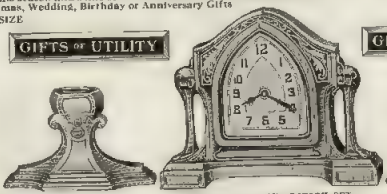
PRICES EACH

Clocks make pleasing Christmas, Wedding, Birthday or Anniversary Gifts

ILLUSTRATIONS REDUCED SIZE

GIFTS OF UTILITY

GIFTS OF UTILITY



CLOCK AND CANDLESTICK SET

This clock set which comprises clock and pair of candlesticks is an exquisite creation and does credit to NILS. Bronze delft, trimmed in gold. Fitted with American make, fully guaranteed 30-hour movement in the new fluted and etched gilt metal dial and covered glass. Clock measures 8½ inches wide and 5¼ inches high. Candlesticks are 3 inches high. Made of composition white metal Extra weight, finest workmanship and very rich faultless finish. An excellent gift item, which is priced very low

No. 3156 Set $13.50

COLONIAL BANJO HANGING WALL CLOCK

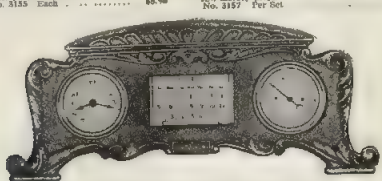
A very decorative and attractive Colonial Wall Clock which is especially priced in this setting. It is of refined value, of very fine workmanship and finish. Made of an unbreakable wood product, in color reproduction of the popular Banjo clocks in Walnut finish. Has carved and hand decorated, in effective colors. Fitted with a 7½-inch metal etched dial, front-set and guarantee fine, non-overwound movement. Height 18¾ inches. Width 5¼ inches. The turnisle which appears to be for greater finish your purchase price.

No. 3155 Each $3.90

CLOCK AND CANDLESTICK SET

High artistry of design and fine workmanship stand out as very manifest in this attractive clock set, portrayed above. Made of composition metal, and finished in an exquisite shade of Nile Green, trimmed with a fully guaranteed American make movement in the popular Gothic shape, with Green enameled dial, and covered glass. Clock measures 6¾ inches wide and 7¾ inches high. Height of candlesticks 7½ inches. An excellent value at this low factory price.

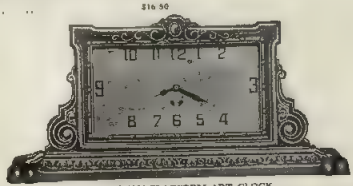
No. 3157 Per Set $10.50



THERMOMETER AND CALENDAR ART CLOCK

A combination of beauty and utility. Clock, thermometer and calendar in one. Made of an unbreakable wood product, in hand carved effect, and delicately tinted in exquisite natural colors. Fitted with a 2-inch Lux American make fully guaranteed movement, with white dial and raised back. It is very attractive and will serve a real aid at the desk or in the library. Length 12 inches. Height 5½ inches. While priced very low in this selling, it is of excellent construction and fine finish.

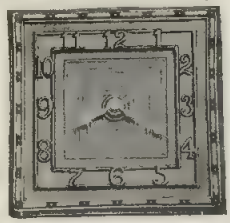
No. 3159 Each $3.00



KENSINGTON PLATFORM ART CLOCK

Made of an unbreakable wood product, in ornate design. Carved effects in hand decorated coloring. Mountain red color predominating, deftly touched with black and gold. Fitted with a large dise finish, designed metal etched dial under glass, and a 30-hour, non-winding, fully American make Heart-beat movement. Length, 10¼ inches. Height, 6¼ inches. Highly serviceable as a gift article. Priced very low

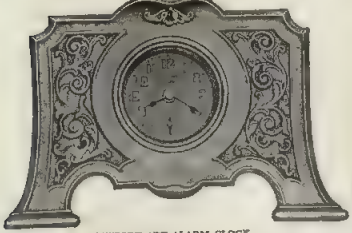
No. 3160 Each $9.75



TIMES SQUARE ART CLOCK

A highly decorated and very attractive serviceable clock, for the bedroom, sitting room or office. Made of an unbreakable wood product in ivory effect, with raised dial numerals and border effects, finished in ivory to match, trimmed in gold and blue and left trimmed in gold and blue. Fitted with an American make No. 00 movement, guaranteed 1 year. Lux movement with easel back. Dial numerals and hands, any desired luminous finish. Height 4 inches, width 4 inches.

No. 3163 Each $5.40



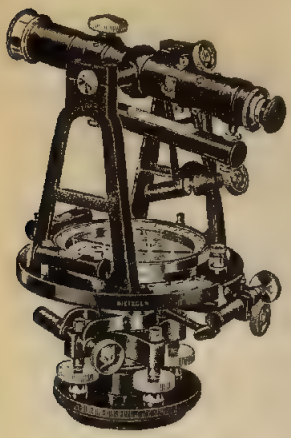
NEWPORT ART ALARM CLOCK

A pleasing tambour shape. Made of an unbreakable wood product in hand carved effects, daintily tinted in natural colors. Fitted with a 2-inch Lux American make guaranteed 30-hour ALARM movement, with glit dial, and easel back. Length 5 inches height 5 inches. The colors blend harmoniously. This decorated clock is ideal for boudoir or desk. Nicely made and finished

No. 3161 Each $4.75

GOTHIC CLOCK

An exquisitely decorated and richly colored clock of pleasing proportions at a ridiculous, low price. Made of an unbreakable wood product, in hand decorated coloring, and hand-colored blue wood product, in hand decorated coloring, and hand-colored blue wood product, in hand decorated coloring, and hand-colored blue



No. 6362C

Builders Transit

No. 6362C

This Builders Transit has been designed to meet the demand for a low-priced and reliable instrument that can be used by builders as either a Transit or a Level.

Specifications of No. 6362C

Horizontal Circle—Diameter, 5 inches; marked with two rows of figures reading 0 to 360 both ways; graduated on sterling silver; vernier reading to 1 minute.

Telescope—Length, 8¼ inches; magnifying power, 16 to 18 diameters; objective, 1 inch; erecting eye-piece; fixed stadia hairs.

Telescope Level—Length, 4¾ inches; 60 seconds sensibility; $\frac{1}{16}$ inch division.

Compass—Numbered in quadrants; graduated to half-degrees; silvered; magnetic needle, 3⅝ inches.

Centers—Accurate and substantial; range of shifting center, ½ inch.

Leveling Base—Large diameter; four leveling screws, phosphor bronze.

Finish—Dark; very durable; not affected by spirits, acids or atmospheric changes.

Weight—Instrument, about 8 lbs.; tripod, about 7¾ lbs.

Accessories—Solid-leg Tripod No. 6492, sun-shade, adjusting pins, plumb bob, magnifying glass, mahogany box with lock, key and strap.

No. 6362C. Builders Transit; complete. Each.....**$184.00**

Light Reconnoissance Transit

No. 6354C

Specifications

Horizontal Circle—Diameter, 5 inches to edge of graduation; marked with two rows of figures, reading 0 to 360 both ways; figures inclined in the direction they are to be read; circle and vernier graduated on sterling silver, the lines being very legible and uniform in thickness.

Vernier—One, reading to 1 minute.

Plate Levels—Two; length, 2 inches; 90 seconds sensibility; $\frac{1}{16}$ inch division.

Telescope—Length, 8¼ inches; magnifying power, 16 to 18 diameters; fixed stadia hairs.

Object Glass—Diameter, 1 inch, used to full value.

Eye-Piece—Erecting; improved style, giving a large, flat field.

Level—Length, 4¾ inches; 60 seconds sensibility; $\frac{1}{16}$ inch division.

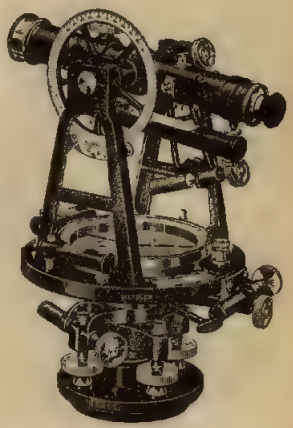
Vertical Circle—Diameter, 3½ inches; vernier to 2 minutes; graduated on composition metal

Compass—Numbered in quadrants; graduated to half-degrees; silvered; magnetic needle, 3⅝ inches; variation plate cardinal points shift with the graduated circle.

Centers—Accurate and substantial; of a design in harmony with the general construction and quality of the instrument.

Shifting Center—Range, ½ inch.

Leveling Base—Large diameter; four leveling screws, phosphor bronze with accurately cut threads and ball and socket cups.



No. 6354C

Tangent Screws—Phosphor bronze; improved form, with opposing spiral spring; accessible and well protected.

Finish—Dark; very durable; not affected by spirits, acids or atmospheric changes.

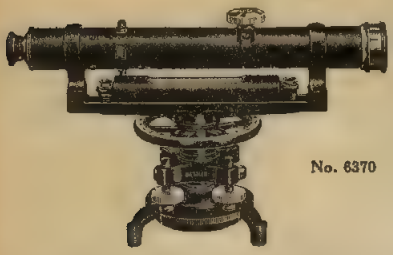
Weight—Instrument, about 9 lbs., 3 oz.; tripod, about 8¾ lbs.

Accessories—Extension Tripod No. 6497, sun shade, adjusting pins, plumb bob, magnifying glass, mahogany box with lock, key and strap.

No. 6354C. With Split Leg Tripod. Complete, each **$220.00**
With Extension Tripod. Complete, each. **225.00**

Surveying Instruments

Builders Dumpy Level No. 6370



No. 6370

This Instrument, while low in price, is exceptionally well made and very reliable. It meets all the requirements of the Builder, Contractor, Architect and Millwright for reading angles; for laying out buildings; for leveling walls, foundations, floors, shafting, and bases of machinery, and for grading streets, curbing, ditches and draining. It is simple to operate, does not get out of adjustment easily, and requires less careful handling than a Y Level.

The telescope of a Dumpy Level cannot be reversed as it is permanently fixed to the collars of the cross bar; on account of this construction the method of adjustment is different than that of a Y Level, the telescope of which is reversible in the wyes.

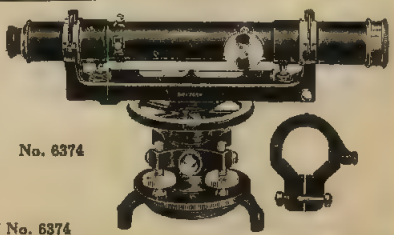
Specifications of No. 6370

Telescope—Length, 12 inches; magnifying power, 18 to 20 diameters; objective, 1⅛ inches, used to full value erecting eye-piece.
Cross Bar Length, 8 inches; bell metal; designed to increase stability and decrease weight.
Level to Cross Bar—Length, 5 inches; 60 seconds sensibility; $\frac{1}{10}$ inch division.
Horizontal Circle—Diameter, 3¼ inches; silvered; graduated every degree, numbered every 10 degrees, in quadrants; vernier reading to 5 minutes.
Center Bell metal; center and cross bar cast in one piece. **Shifting Center**—Range, $\frac{7}{16}$ inch.
Leveling Base—Large diameter; with Trivet, which with the trivet points furnished, is used for setting Level where use of tripod is difficult; four leveling screws, phosphor bronze, with accurately cut threads and ball and socket cups.
Finish Dark; very durable, not affected by spirits, acids or atmospheric changes.
Weight—Instrument, about 5 lbs.; tripod, about 6½ lbs.
Accessories Solid-leg Tripod No. 6491, sun shade, plumb bob, adjusting pins, box made of ash, natural finish, with lock, key and strap.
No. 6370. Builders Dumpy Level; complete. Price, each **$55.00**

Builders' Y Levels—No. 6374

These Instruments, of excellent quality and accurate workmanship, are adapted for reading angles; for laying out buildings; for leveling walls, foundations, floors, streets, curbing and bases of machinery, shafting, etc.; and for ditching and draining.

They are very simple to operate, easy to adjust, and of great value to Builders, Contractors, Architects, Landscape Gardners, Etc.



No. 6374

Specifications of No. 6374

Telescope—Length, 12 inches; magnifying power, 18 to 20 diameters; objective, 1⅛ inches, used to full value; erecting eye-piece.
Telescope Level – Length, 5 inches; 60 seconds sensibility; $\frac{1}{10}$ inch division.
Cross Bar—Length, 7½ inches; bell metal; simple wye adjustment and effective wye locking device.
Horizontal Circle—Diameter, 3¼ inches; silvered; graduated every degree, numbered every 10 degrees, in quadrants; vernier reading to 5 minutes.
Center Bell metal; center, cross bar and wyes cast in one piece. **Shifting Center**—Range, $\frac{7}{16}$ inch.
Leveling Base—Large diameter; with Trivet, which with the trivet points furnished, is used for setting Level where use of tripod is difficult; four leveling screws, phosphor bronze, with accurately cut threads and ball and socket cups.
Finish—Dark; very durable; not affected by spirits, acids or atmospheric changes.
Weight—Instrument, about 5 lbs., 15 oz.; tripod, about 6½ lbs.
Accessories—Solid-leg Tripod No. 6491, sunshade, plumb bob, adjusting pins, box made of ash, natural finish, with lock, key and strap.
No. 6374. Builders Y Level; complete. Price, each **$75.00**
No. 6376. Builders Y Level like No. 6374, but with Tangent Screw; complete. Price, each **75.00**

LANTERNS

HOT BLAST

No. 0 Perfect

Fount drawn in one piece with terne plate bottom double-seamed on; made of heavy tin throughout and of best grade of tinned wire; new inside lift which cannot get out of order; standing bail

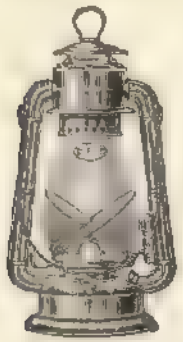
Capacity 23 hours; No. 0 burner; ⅝ inch wick; Fizall globe

No. 0. With Clear Globe. Wt. doz. 26 lbs. .....Dozen $21 60

No. 0. With Ruby Globe. Wt. doz., 26 lbs .....Dozen $36 00

One dozen in a case

COLD BLAST



Dietz Junior

The Junior is the smallest of the Dietz Cold Blast Lanterns of its type and gives light of 6CP. It has all the latest improvements, globe lift inside of frame, Dietz patent safety winglock burner, security standing bail hooked into patent brass eyelets, dome-shaped solderless oil fount with brass oil filler, etc.

Tin Fount. Capacity 15 hours; height overall 12 in.; No. 201 tinned steel cold blast burner; ⅝ in. wick; takes Junior globe. Wt. doz. 24 lbs .....Dozen $21 00

All Brass. Capacity 13 hours; height overall 12 in.; No. 201 tinned steel cold blast burner; ⅝ in. wick; takes Junior globe. Wt. doz. 24 lbs.....Doz $36 00

One dozen in a case

LANTERNS

SHORT GLOBE COLD BLAST

Dietz Little Wizard

Little Wizard Lantern is the same pattern as D-Lite only smaller in size; gives 6 candle power.

Tin Fount. Capacity, 20 hours; height overall 11½ inches; No. 201 steel cold blast burner; ⅝ inch wick; takes Little Wizard short globe. Wt. doz. 24 lbs. .....Dozen $24 00

Dietz Little Giant

Tin Fount. Exactly the same as Little Wizard except the fount is larger. Holds sufficient oil to burn for 70 hours; No. 201 cold blast burner; ⅝ inch wick; takes Little Wizard globe. Wt. doz. 28 lbs...Dozen $27 00

Dietz D-Lite

Short and compact; a lift at the top operates the telescopic dome; the globe, globe seat and burner cone hinge back, leaving the wick exposed for cleaning, trimming and lighting; minor features include patent reinforced tubes, large oil filler, security standing bail hooked into patent brass eyelets, etc. Volume of light by test, 10CP.

Standard Tin Fount. Capacity, 20 hours; height overall 13¼ in.; No. 262 tinned steel cold blast burner; 1 inch wick; takes D-Lite short globe. Wt doz. 37 lbs ... .. Dozen $30 00

Large Tin Fount. Capacity 35 hours height overall 13¾ in.; No. 262 tinned steel cold blast burner; 1 inch wick; takes D-Lite short globe. Wt. doz 50 lbs. .....Dozen $33 00

Standard Brass Fount. Capacity 20 hours; height overall 13¼ inches, No. 262 tinned steel cold blast burner, 1 inch wick; takes D-Lite short globe. Wt doz 42 lbs. .....Dozen $39 00

Half dozen in a case.

LANTERNS

RAILROAD

Dietz Vulcan.

Round wire guards and skeleton base; the upright guard wires are securely locked to the lower band by a metallic strip making it the strongest lantern of its kind on the market. Equipped with new patented winglock burner which fits into a slip collar and rests on a fibre washer permanently secured to the front; a short turn of the wrist securely locks the burner to same; the oil fount is held securely to the frame by a patented automatic retaining spring, which permits the fount being removed with one hand; fount is provided with a safety oil well; volume of light by test 2CP.

No. 39 With Pet Burner. Fount capacity 24 hours; height overall 10 in.; round pet wick, for kerosene or lard oil. Wt. doz. 44 lbs. ....Dozen $38 00

One dozen in a case.

ROADSIDE TORCHES

DIETZ

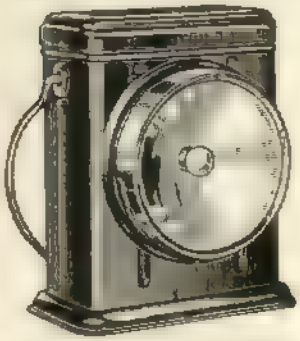
Fills the most exacting requirements of contractors for this type of lighting service. Burn kerosene, light fuel oil or crude distillate; provided with heavy carrying loops and cast steel burner with automatic lock which prevents wick from dropping inside; enameled black.

No. 80. Capacity, 2½ quarts which will burn more than 20 hours height 5½ in. diam. 7¾ in., diam. of wick ⅞ in. Ship. wt doz 34 lbs Dozen $18 00

One-quarter dozen in a carton.

LANTERNS

NEW DELTA ELECTRIC



Apollo. Uses two No. 6 dry cells which last 5 months to a year or more. Enameled bright red, chromium trimmings; height 7½ inches; 4½ inch silvered reflector; No. 35 Mazda bulb; with bail and two folding handles. Individual cartons in cases of 12, weighing 31 lbs. Shipped without dry cells. .....Dozen $33 00

Buddy. A smaller lantern than the Apollo. Operates on 2 flashlight unit cells and weighs only 15½ oz. with cells installed. Has a bail and two folding handles; can be carried in the hand, on belt, in pocket, in the car, etc. Just the thing for all places where a light is needed. Ship. wt. doz. 9 lbs. Shipped without unit cells.Dozen $18 00

LANTERN GLOBES

D-Lite Short Cold Blast.

For D-Lite Nu-Style, Wizard Triumph or any cold blast lantern taking a No. 2 burner, and short cold blast globe. Height 4⅝ in.; bottom 3⅞ in.; top 4 in., extreme; width 4⅞ in.

Clear. Wt.case 5 dz.45 lbs..Dozen $3 40

Ruby. Wt.case 5 dz. 45 lbs..Dozen $7 50

LANTERN GLOBES

Fitzall.

For No. 0 Tubular, Regal, Blizzard, No. 2 Defiance, No. 180 Paulls Leader or any other Hot or Cold Blast Lantern taking a No. 2 size burner, except those taking a short globe. Height 6⅛ in.; bottom 3⅞ in.; top 2⅛ in., extreme; width 4⅛ in.

Clear. Wt. case 5 dz. 55 lbs..Dozen $3 40

Ruby. Wt. Case 5 dz. 55 lbs.Dozen $7 50

Junior Cold Blast.

For Dietz Junior, Pony, Gem, Jewell and U. S. cold blast lanterns, or any cold blast lantern taking a No. 1 burner, except those taking a short globe; height 5½ in.; bottom 2⅛ in.; top 2⅞ in., extreme; width 4 inches.

Clear. Wt. case25 doz.41 lbs.Dozen $3 00

Ruby. Wt.case 5 dz.41 lbs.Dozen $6 50

Little Wizard.

For Little Wizard Lanterns. Height 3⅛ in.; bottom 2⅛ in.; top 3¼ in., extreme width 4⅛ in.

Clear. Wt.case 5 dz 27 lbs..Dozen $3 00

Ruby. Wt. case 5 dz. 27 lbs..Dozen $6 00

No. 39 Railroad.

For any No. 39 Railroad Lantern. Height 5½ in.; bottom 3⅛ in.; top 2 17/32 in.; extreme diameter 4½ in.

Clear. Wt. case of 5 dozen, 68 lbs. .....Dozen $4 20

Ruby. Wt. case of 5 dozen, 68 lbs. .....Dozen $10 00

LAMP CHIMNEYS

Nu-Type

Nos.	1	2
For Burner Nos	1	2
Height, in.	7½	8½
Bottom, in.	2½	3
Top, in.	1⅛	2
Extreme width, in.	3⅞	4
Wt. case (6 doz.) lbs.	20	30
Dozen	$2 30	2 50

In individual tubes.

LaBastie. Plain Top.

A special glass so toughened that it is exceptionally hard to break; one will outlast a dozen ordinary chimneys.

Nos.	1	2
For Burner No.	1	2
Height, in.	7½	8½
Bottom, in.	2½	3
Top, in	1⅛	2
Extreme width, in.	3⅞	4
Wt. case (6 doz.) lbs.	43	50
Doz.	$5 75	6 50

In individual cartons.

Rochester.

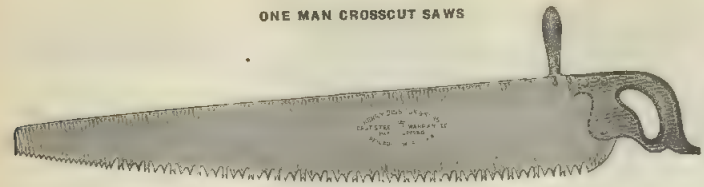
No. 2. Fits No. 2 Rochester and No. 2 Rayo lamps. Height 10 inches; diameter bottom 2⅝ inches; diameter of top 2 in.; extreme width 3⅝ in. Wt. case, 6 dos., 30 lbs. .....Dozen $3 50

In individual tubes.

M

CROSSCUT SAWS

ONE MAN CROSSCUT SAWS

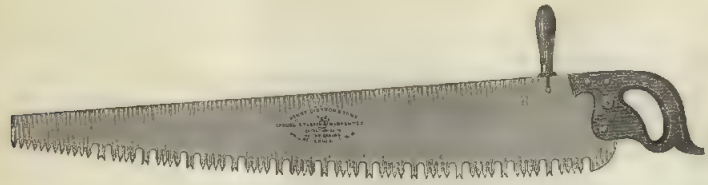


Disston—Champion Tooth

Disston. Cast steel, polished; 13 points to foot, with supplementary handle.

NO	Length	Wgt. Each	EACH
20-3	3 ft.	3⅞ lb.	$5.00
20-3½	3½ ft	4 lb.	5.75
20-4	4 ft.	5¼ lb.	6.50

NO.	Length	Wgt. Each	EACH
20-4½	4½ ft.	6 lb	$7 25
20-5	5 ft.	6¾ lb.	8 00

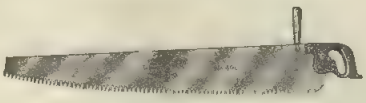


Disston—Perforated Lance Tooth

Disston. Crucible spring steel, polished. 11 points to foot. With supplementary handle.

NO.	Length	Wgt. Each	EACH
2PL-3	3 ft.	3½ lb.	$5.50
2PL-3½	3½ ft.	4½ lb.	6.50
2PL-4	4 ft.	5½ lb.	7 25

NO.	Length	Wgt. Each	EACH
2PL-4½	4½ ft.	6½ lb.	$8 25
2PL-5	5 ft.	7 lb.	9.00



Atkins—Tuttle Tooth

Made of Sheffield steel. Blade carefully ground which produces uniform thickness. Nickely finished beech handle with two brass screws and a medallion.

NO.	Length Ft.	lb Ea	EACH
490-2½	2½	3	$3.75
490-3	3	3¼	4.25
490-3½	3½	4¼	5.25

NO	Length Ft	lb. Ea.	EACH
450-2½	2½	3	$2 25
450-3	3	3¼	2 50
450-3½	3½	4¼	2.75

NO	Length Ft.	Lbs Ea	EACH
490-4	4	5⅜	$6.00
490-4½	4½	6¼	6.75
490-5	5	7	7 00

NO.	Length Ft.	lb Ea	EACH
450-4	4	5⅜	$3 00
450-4½	4½	6¼	3.50
450-5	5	7	4.00

CROSSCUT SAWS

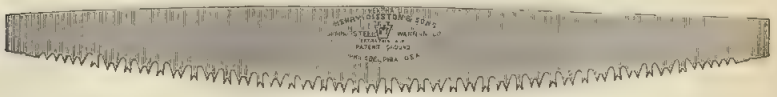
M

TWO-MAN

Disston—Tenon Tooth

Cast steel, polished, thin back; graduated from 14 to 16 gauge, 20 points to a foot, without handles.

NO.	Length	Wgt. Each	EACH
2T-4½	4½ ft.	4½ lb.	$6.00
2T-5	5 ft.	5½ lb.	7.25
2T-5½	5½ ft.	6¾ lb.	$7.50
2T-6	6 ft.	7½ lb.	8.00



Disston—Champion Tooth

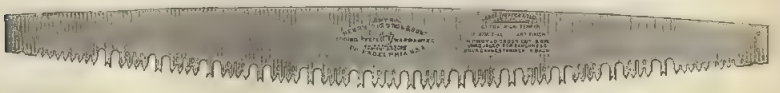
Cast steel polished, thin back; graduated from 14 to 16gauge; 9 points to a foot, without handles.

NO	Length	Wgt. Each	EACH
2C2-5	5 ft.	6¾ lb.	$6.25
2C2-5½	5½ ft.	7 lb.	7.50
2C2-6	6 ft.	8 lb.	$8.00

Disston—Triumph—Champion Tooth—Hollow Back

Cast steel, full polished. 9 points to a foot, withouthandles.

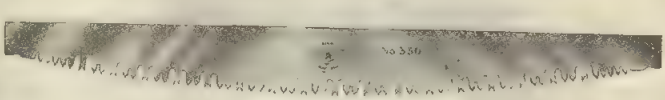
NO.	Length	Wgt. Each	EACH
2N2-5	5 ft.	3¾ lb.	$4.50
2N2-5½	5½ ft.	4 lb.	5.00
2N2-6	6 ft.	4½ lb.	$5 25



Disston—Perforated Lance Tooth

Highest grade crucible steel, extra thin back, full polished. Graduated from 14 to 18 gauge. Ten points to a foot, without handles.

NO.	Length	Wgt. Each	EACH
2PL2-5	5 ft.	5½ lb.	$ 9 50
2PL2-5½	5½ ft.	5¾ lb.	10.75
2PL2-6	6 ft.	6¾ lb.	11 50
2PL2-6½	6½ ft.	7½ lb.	$12 75
2PL2-7	7 ft.	8 lb.	13.75



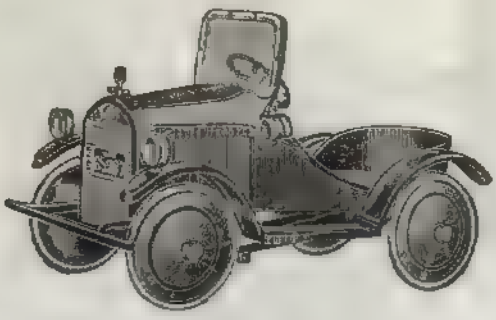
Atkins Tuttle Tooth

The original Tuttle Tooth diamond point saw, thin back. Made of special steel, high grade formula. Thoroughly and evenly tempered throughout; 14 and 16 gauge.

NO.	Length Ft.	lb. Ea.	EACH
330-5	5	5½	$6.00
330-5½	5½	6¾	8.00
330-6	6	7½	9.00
400-5	5	5½	$4 00
400-5½	5½	6	4 50
400-6	6	6¾	5 00
400-6½	6½	7½	5 50

CHILDREN'S AUTOMOBILES

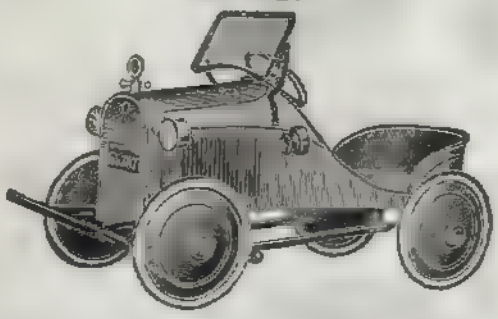
STEELCRAFT DODGE



Brilliant red baked enamel body and wheels, black baked enamel fenders running board and chassis. 10 inch self contained roller bearing double disc steel wheels with ½ inch rubber tires. Equipped with head lights, horn, moto-meter, license plates and designed instrument board.

	Each
No. 55—Body 21½x38 ins	29 25
Crated; wt each 61 lbs.	$13 50

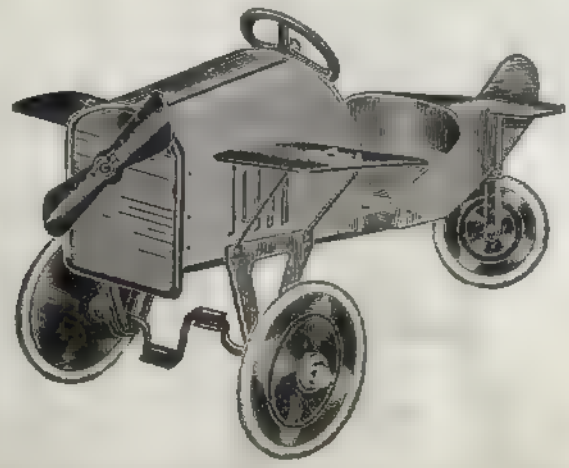
WHIPPET



Body and wheels blue baked enamel finish, black baked enamel undergear. 10 inch double disc wheels, with ½ inch rubber tires. Equipped with headlights, windshield, horn, front bumper and license plate.

	Each
No. 54—Body 20¾x36½ ins	21 75
One in carton, K. D; wt each 40 lbs.	$11 25

SCOUT PLANE

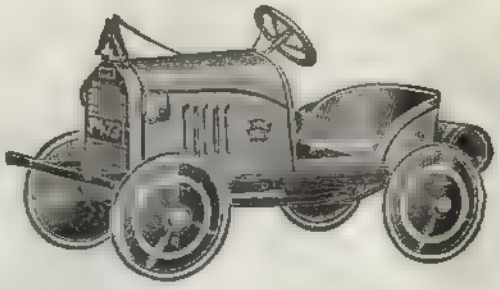


Gray body, red wings, tail, propeller and wheels, black undergear, all baked enamel finish. Double disc wheels, 10 inch front and 8 inch rear, with ½ inch rubber tires and plain bearings.

	Each
No. 67—Length 41½ ins; wing spread 28 ins	24 75
One in carton; K. D.; wt each 35 lbs	$11 00

CHILDREN'S AUTOMOBILES

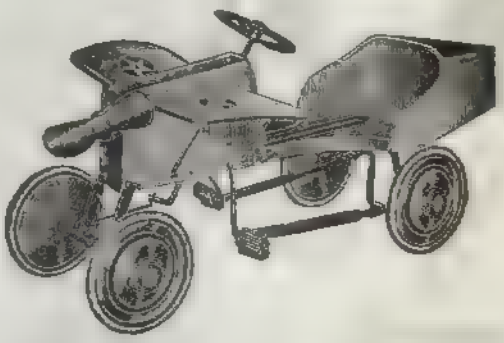
STEELCRAFT FORD FIRE CHIEF



Body and wheels brilliant red baked enamel finish, black baked enamel undergear. 10 inch double disc wheels, with ½ inch rubber tires and plain bearings. Equipped with nickeled bell, with pull cord, head lights, front bumper, license plate and tank on rear.

	Each
No. 52—Body 20¾x38 ins	21 00
One in carton, K. D.; wt each 36 lbs	$9 75

AIR MAIL

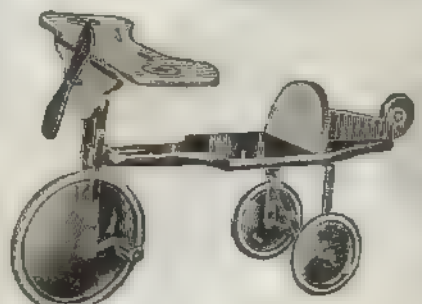


Orange body and wheels, red wings and propeller, black undergear, all baked enamel finish. 8 inch double disc steel wheels with ½ inch rubber tires and plain bearings.

	Each
No. 42—Length 42 ins; wing spread 20½ ins	16 50
One in carton, K. D.; wt each 28 lbs.	$7 50

PEDAL CARS

MONOPLANE TYPE

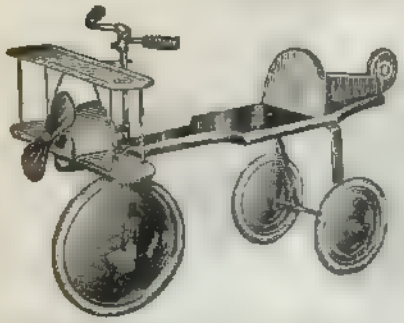


Hardwood seat, propellor and wing with hand holds for steering; black enameled steel gear; red enameled disc steel wheels with 1½ inch corrugated rubber tires. Rubber pedals. Size seat 7x17 inches; wing spread 20 inches; length propellor 11 inches; diameter front wheel 10 inches; rear 6 inches.

	Each
No. 425—Blue enameled seat, ivory enameled wing, varnished natural finish propellor	$9 75
Two in carton, K. D.; wt each 14 lbs.	

PEDAL CARS

AEROPLANE TYPE



Hardwood seat and propellor; sheet steel double wing; nickel plated adjustable handle bars with rubber hand grips; red enameled disc steel wheels with ½ inch corrugated rubber tires. Rubber pedals. Size seat 7x16½ inches; wing spread 20 inches; length propellor 11 inches; diameter front wheel 10 inches, rear 6 inches.

	Each
No. 426—Blue enameled seat, ivory enameled wing, varnished natural finish propellor	$11 25

Two in carton. K. D; wt each 14 lbs

Hardwood seat, red enameled; flat steel front fork and rear gear; bright tin plated handle bar with black enameled wood grips; nickel plated steel bell; rubber pedals. Size seat 7½x15 inches, height from floor 10½ inches; 8 inch plain bearing, red enameled front and 6 inch rear wheels.

(Illustration of No. 420.)

	Each
No. 410—Wire wheels	$4 50
No. 420—Steel disc wheels	5 25

(Sold in full carton lots only.)

Two in carton; wt each 8 lbs.

BUDDIE BIKES

Plain Bearing.

Hardwood seat, red enameled; black enameled gear; bright tin plated handle bar and hub caps; black enameled wood grips; red enameled wire wheels.

Nos.	440	441	441½
Size seat, ins	7½x15	7½x17½	7½x22
Size wheel, ins	9	9	10½
Size tire, ins	½	½	½
Wt each, lbs	9	9½	11½
Each	$6 00	6 75	8 25

(Sold in full carton lots only.)

Two in carton.

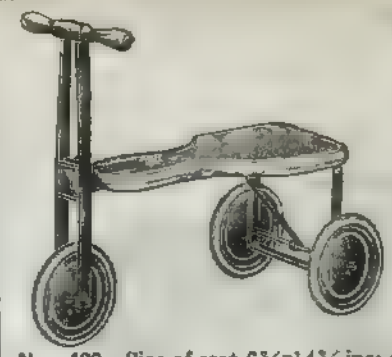
Plain Bearings.

Hardwood seat, red enameled; black enameled gear; bright tin plated handle bar with bell; black enameled wood grips; red enameled double disc wheels.

Nos.	448	449	450
Size seat, ins	7½x15	7½x17½	7½x22
Size front wheel, ins	8	8	10
Size rear wheels, ins	6	6	8
Height, ins	11	11	13
Size tire, ins	½	½	⅝
Wt each, lbs	9½	10	11
Each	$6 75	7 50	9 00

(Sold in full carton lots only.)

Two in carton.



BUDDIE KARS

Shaped hardwood seat, bright red enameled finish; flat steel fork with one piece wood handle, red enameled finish. Plain bearing double disc steel wheels, bright red enameled finish.

	Each
No. 429—Size of seat 6¾x14¾ ins; diam front wheel 8¼ ins; diam rear wheels 5 ins; ½ in. rubber tires	$3 30

(Sold in full carton lots only.)

Two in carton; wt each 6 lbs.

Hardwood seat, red enameled; black enameled cast iron gear; black enameled wood grips; tinned handle bar with bell; 6 inch red enameled steel disc wheels with ½ inch rubber tires.

	Each
No. 430—Size of seat 7½x15 ins; height 9½ ins; diam wheels 6 ins; ½ in. rubber tires	$4 05

(Sold in full carton lots only.)

Two in carton; wt each 8 lbs

KIDDIE-KARS

SPECIAL

Roller Bearing Steel Wheels with Rubber Tires.

Hardwood body, seat and post; roller bearing double-disc steel wheels electrically welded. Seat and wheels are a beautiful red in baked enamel, body and post old ivory baked finish. All wood work finished with final coat of spar varnish.

Nos.	101	102	103	104
Length seat, ins	16	17	18	20
Height to seat, ins	7	8½	10	11½
Wheel base, ins	12	13	14½	16
Wheels, ins	4½	4½	5¼	6
Size tires, in	½	½	⅝	⅝
Doz in carton	1	1	1	1
Wt doz, lbs	60	70	90	110
Per Doz	58 50	78 00	99 00	117 00
	$27 00	*36 00*	*45 00*	*54 00*

ZIP PEDAL CARS

H. C. WHITE CO.

Selected kiln dried hardwood seat, red enameled; roller bearing double disc steel wheels, red enamel finish; double rear brace with tubular axle, pressed steel gear construction, gear and steering post with handle finished in semi-gloss black rubber finish; nickeled bell.

	Per Doz
No. 115—Length over all 26 ins; height seat 12¾ ins; diam front wheel 9 ins; diam rear wheels 7¼ ins; ½ in rubber tires	$105 00

Four in carton; wt per doz 90 lbs

Let DOLLY ANN BUILD YOUR SALES

Again! The Season's Toy Success!

DOLLY ANN TOY KITCHEN SETS

With Dolly Ann Doll Head Handles

Containing novel and exclusive features and packed in new attractive four color display cartons Dolly Ann Toy Kitchen Sets will again establish new sales records for our customers

Each toy article is a practical miniature of a famous Androck kitchen utensil for grown ups Each piece thus becomes in addition to its utility a separate colorful toy, with its green dress and yellow face An exclusive novelty is the Dolly Ann Doll's head which appears on the top of each handle

Display Dolly Ann Toy Kitchen Sets. They will sell themselves for you.

TOY KITCHEN SETS

Dolly Ann

TOY DOLL BEDROOM FURNITURE

DOLLY ANN

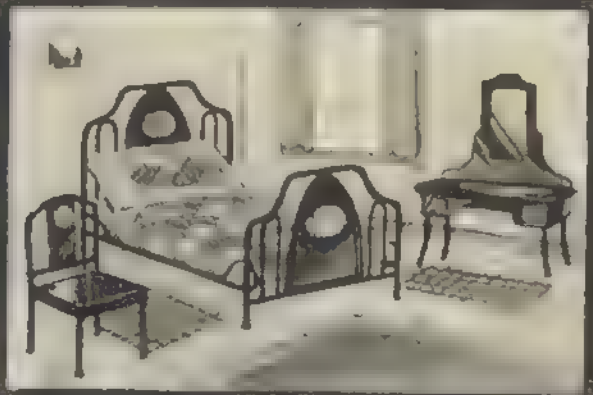
Toy Bedroom Furniture

Dolly Ann All Metal Bedroom Suites of three pieces are finished in attractive colored enamels. All Beds and Cribs have well stuffed mattresses and lace trimmed pillows, and are trimmed with spreads of the newest "Crazy Quilt" patterns of silkalene.

Dolly Ann All Metal Bedroom Furniture comes packed folded flat in strong, attractive display boxes. Instantly set up or collapsed No screws, bolts or trick fasteners

Display Dolly Ann All Metal Bedroom Furniture with your dolls. Sell a Dolly Ann Bed or Crib with each doll, make two sales in one

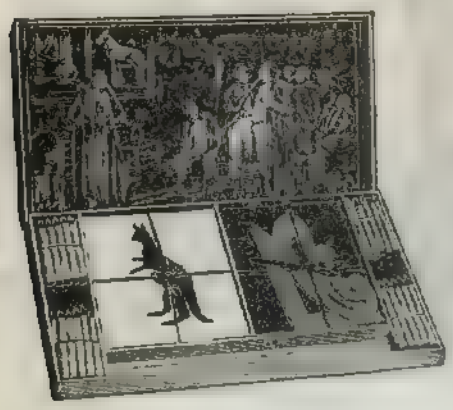
(Formerly the Reddick Line)



The WASHBURN COMPANY, CHICAGO

The Michigan Wire Goods Co NILES, MICH.

CRAYON SETS



Contains 20 wax crayons, 1 rule, 1 pencil, 3 french curved rules, 6 white and black outlines, and 5 colored stencils.

Per Doz

No. 53—Size box 16 x 8½ ins $24 00

Half doz in pkg, wt per doz 12 lbs.

Contains 28 genuine wax crayons 3½ inches long, 4 stencils, and 6 black and white outlines.

Per Doz

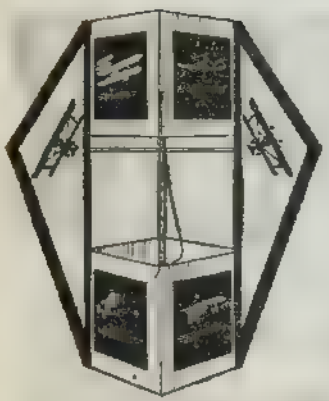
No. 52—Size box 14¾x3¼ ins $19 50

One doz in pkg; wt per doz 6 lbs.

KITE ASSORTMENTS

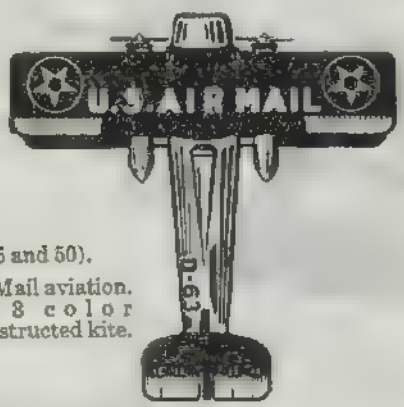
DOLLY, FOLDING TYPE

Extra tough paper, printed in bright red, blue and orange colors.



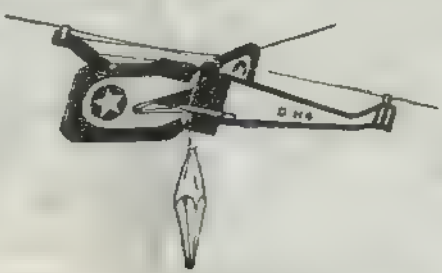
(No. 1). Aviation Box Kite. Heavy Nibroc craft sails with aviation story on each sail.

(Nos. 40, 30 and 10).



(Nos. 25 and 50).

U. S. Air Mail aviation. A beautiful 8 color strongly constructed kite.



(No. 2). Not a kite, but a remarkable aeronautical toy. Ascends kite string while kite is being flown, collapses, drops parachute and then returns to the hand.

(No. 101) Wonder trick kite. Constructed of heavy paper, folded, has no frame work. Flies under any condition of wind.

No. 150 ASSORTMENT

Consists of 96 kites and 12 mail parachutes as follow:

½ Doz—No. 1, size 30x10x30 ins; retails at 50c each	$ 3 00
1 Doz—No. 25, size 28x28 ins; retails at 10c each	1 20
1 Doz—No. 50, size 37x37 ins; retails at 25c each	3 00
1 Doz—No. 101, size 30x20 ins; retails at 10c each	1 20
3 Doz—No. 40, size 24x24 ins; retails at 5c each	1 80
1 Doz—No. 10, size 36x36 ins; retails at 10c each	1 20
2 Doz—No. 3, air mail parachutes, retails 2 for 5c	60
1 Doz—No. 2, parachute carrier, retails at 10c each	1 20
Total Retail Value	$13 20

Per Ass't

No. 150—Ass't complete as described $25 50

One ass't in carton; wt per ass't 16 lbs.

No. 75 ASSORTMENT

Assortment consists of 72 kites assorted as follow:

1 Doz—No. 50, size 37x37 ins; retails at 25c each	$ 3 00
2 Doz—No. 10, size 36x36 ins; retails at 10c each	2 40
3 Doz—No. 30, size 24x24 ins; retails at 5c each (Same as No. 40, except without string or bowing)	1 80
Total Retail Value	$ 7 20

Per Ass't

No. 75—Ass't complete as described $12 75

One ass't in carton; wt per ass't 10 lbs.

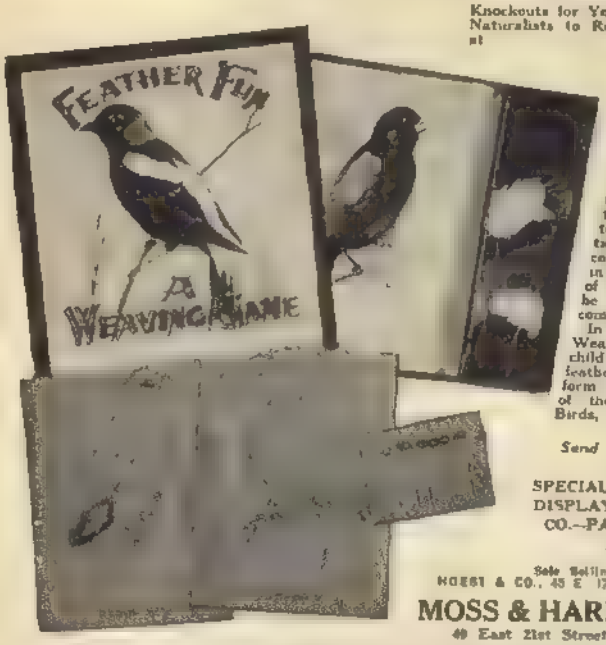
Millions of Children and Millions of Parents are Lovers of Beautiful Birds—Reach their Hearts with

FEATHER FUN CUT OUTS

Feather Fun Weaving Game

Knockouts for Young Naturalists to Retail at **$1.00**

Cash in on the Love of Beautiful Birds



In "Feather Cut Outs" the child cuts out the Bird in sections according to simple directions. Then he colors these parts in the true colors of the bird. Next he assembles the complete bird.

In "Feather Fun Weaving Game" the child weaves colored feathers into the true form of beautiful birds of the Tropics, Song Birds, etc.

Send for Samples Now

SPECIAL CHICAGO FAIR DISPLAY BY HOEST & CO.—PALMER HOUSE, ROOM 723

Sole Selling Agents
HOEST & CO., 45 E. 17th St., New York City

MOSS & HARRISON, Mfrs.
40 East 21st Street, New York City

DOMEC DOLLS

INCORPORATED

24-34 University Place
New York, N.Y.

BABY GIGGLES
THE
SOFT BODY DOLL
IN
FOUR SIZES

COMPLETE LINE
OF
FINE DOLLS
AT
POPULAR PRICES

OUR LINE WILL BE ON DISPLAY AT

ROOM 720, PALMER HOUSE

DURING THE CHICAGO TOY FAIR

M. E. MECHNER, In Charge

NEW YORK SALESROOM, 24-34 UNIVERSITY PLACE

DOUBLE BARREL SHOT GUNS

L. C. SMITH. HAMMERLESS

FIELD GRADE

12, 16 and 20 Gauge

Armor steel barrels; both barrels full choke; plain English walnut stock, checkered and well finished; full pistol grip stock only.

12 Gauge. Plain Extractor. 30 inch barrels. Wt. each, 6¼ to 8¼ lbs. .....Each $39 89

16 Gauge. Plain Extractor. 28 inch barrels. Wt. each, 6¼ to 7 lbs. .....Each $39 89

20 Gauge. Plain Extractor. 28 inch barrels. Wt. each, 5¾ to 6½ lbs. .....Each $39 89

LONG RANGE WILD FOWL. FIELD GRADE

With the development of modern high velocity powder for shot guns, a demand has been created for a gun to handle this heavy load, and equal or better the performance of 8 and 10-bores. The 8-bore has been made obsolete through legislation, and the 10-bore is fast losing its popularity. With the limit of 1¼ ounces of shot, it is not the powerful weapon that has for a decade been used on water fowl, and because of its excessive weight it has grown less popular. The problem for the gun manufacturer was the production of a 12-bore shot gun to handle progressive burning powders, heavy charges, and 1⅛ ounces of shot, to replace the 10-gauge and give at the same time equal results. The Smith Long Range Wild Fowl Gun is built from the regular model, and is designed to handle heavy charges of modern propellant powders, giving an increased effective range of 15 to 25 yards, and extreme velocity and penetration with uniform patterns. Carried in Field grade, 30 in. or 32 inch barrels; without automatic ejector, two triggers; 3 inch chamber. The killing range of this gun is from 70 to 85 yards, and the gun is capable of killing at even longer distances

12 Gauge. Plain Extractor. Wt.ea.8 to 8½ lbs..Each $50 69

DOUBLE BARREL SHOT GUNS

PARKER. HAMMERLESS

V. H. GRADE

12, 16 and 20 Gauge

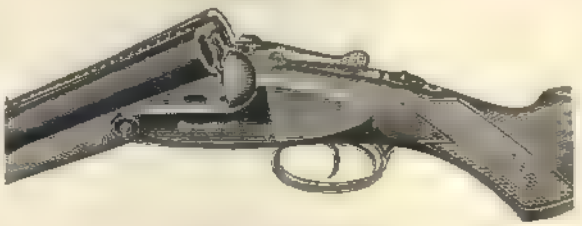
Vulcan steel barrels; American walnut stock; checkered on grip and forend; line engraving; pistol grip; hard rubber butt plate.

12 Gauge...Plain Extractor. 30 inch barrels. Wt. each, 7 to 8 lbs. .....Each $68 00

16 Gauge. Plain Extractor. 28 inch barrels. Wt. each, 6¼ to 7 lbs. .....Each $68 00

20 Gauge. Plain Extractor. 28 inch barrels. Wt. each, 5¾ to 6½ lbs. .....Each $68 00

TROJAN GRADE



12, 16 and 20 Gauge

Trojan steel barrels; matted top rib; 30 inch barrels, both full choke; 28 inch barrels, right hand modified, left hand full choke; American walnut stock; forend and stock neatly checkered; pistol grip, no cap; hard rubber butt plate; drop about 2¾ inches; length of stock, about 14 inches.

12 Gauge. Plain Extractor. 30 inch barrels. Wt. each, 7½ to 8 lbs. .....Each $55 00

16 Gauge. Plain Extractor. 28 inch barrels. Wt. each, 6½ to 7 lbs. .....Each $55 00

20 Gauge. Plain Extractor. 28 inch barrels. Wt. each, 6¼ to 6¾ lbs. .....Each $55 00

WINCHESTER. HAMMERLESS

MODEL 21. STANDARD

12 Gauge.

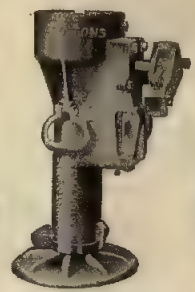
12 Gauge. Plain Extractor. 30 inch barrels; right barrel modified, left barrell full choke; butt stock and fore end of selected walnut; finely checked and finished. The Standard stock has a length from front trigger to center of butt plate of 14 inches; drop at comb 1⅝ inches; drop at heel 2½ inches. Wt. ea. 7¼ lbs. .....Each $59 50

Duff-Norton High Speed Self Lowering, Governor Controlled, Ball Bearing Screw Jacks

The latest development in high speed, ball bearing screw jacks, representing years of study, design, and tests by the DUFF Engineering Department. Due to unusual efficiency and ease of operation, these jacks effect profitable savings in time, labor, and maintenance costs.

No. 2675

No. 2825



No. 5265-BB

No. 5261-BB

Jack No.	Capacity Tons	Height Inches	Raise Inches	Weight Pounds	List Price
2820	20	28	15¼	130	$100.00
2825	25	28	15¾	181	125.00
2835	35	26	13¾	185	150 00
2853	35	28	15¾	190	155.00
2650	50	26	13½	230	210.00
2850	50	28	15½	240	220.00
3050	50	30	17½	250	230.00
3650	50	36	23½	270	250.00
2075	75	20	6	330	285.00
2475	75	24	10	345	285.00
2675	75	26	12	360	285.00
20100	100	20	6	330	305.00
24100	100	24	10	345	305.00
26100	100	26	12	360	305.00

Jack No	Capacity Tons	Height Inches	Raise Inches	Diam. of Base Inches	Weight Pounds	List Price
2261 BB	25	26	14	12	135	$125.00
2301 BB	25	30	18¾	12	168	125.00
3261 BB	35	26	13¾	12	190	150.00
3301 BB	35	30	17½	12	195	160.00
5241 BB	50	24	12	14	257	210.00
5261 BB	50	26	14	14	266	210.00
5301 BB	50	30	18	14	280	230.00
5361 BB	50	36	24	14	310	250 00
2265 BB	25	26	14½	12	158	125.00
7225 BB	35	22	10	12	170	150 00
3265 BB	35	26	13¾	12	198	155.00
5265 BB	50	20	8½	14	245	215 00
5245 BB	50	24	12	14	267	220 00
5265 BB	50	26	14	14	275	235.00
7265 BB	75	26	12	14	304	305 00
1265 BB	100	26	12	14	420	310.00

Duff Ball-Bearing Screw Jacks

No. 64

These Jacks are accurately made of highest grade materials. Screw is of crucible steel and revolves in a specially compounded bronze nut. Load is carried on a large ball-bearing, reducing friction on the head of jack 90 per cent. Jack is operated by a simple ratchet and bevel gear.

Nos. 60 and 68

No.	Capacity Tons	Height Inches	Raise Inches	Weight Pounds	Price Each
66	15	22	10	120	$ 60.00
60	15	26	13	132	70.00
67	25	22	10	187	90.00
61	25	27	13	196	96.00
68	35	22	10	220	130.00
62	35	26	13	250	138.00
64	50	27	13	320	180.00

*These Jacks have cone bearings.

Duff Ball Bearing Journal Jacks

These jacks combine usually light weight with ample strength for their rated capacity. The built-in positive stop featured in these jacks prevents raising standard out of base. Most careful selection and treatment of materials have made it possible to make these jacks lighter in weight and of greater raise than any similar jacks on the market. Steel screw turning in hard bronze, together with full ball bearings, insures ease of operation. Particularly adaptable for low loads.

No.	Capacity Tons	Height Inches	Raise Inches	Weight Pounds	List Price
111	15	10	5	28	$35.00
2509	25	9	3½	35	36.00
2510	25	10	4½	37	36 00
2511	25	11	5½	38	36.00
3509	35	9	3	50	55.00
3510	35	10	4	53	55.00
3511	35	11	5	55	55.00

Wilmington Hydraulic Jacks

Plain Hydraulic Jacks

These jacks are intended for use where a firm foundation can be secured and for operating in close quarters where the space will not admit a jack with a larger base. The valves are so arranged that these jacks will operate in horizontal, inclined or vertical positions. To secure the best results a fluid consisting of one part grain alcohol and two parts water should be used, adding one ounce of sperm oil to amount necessary for one jack.

Capacity, tons	Price Each	Rise, inches	Height Closed, inches	Size of Base, in. square	Approx Weight, pounds.
4	$ 50.00	12	24 ½	4 ¼	55
5	42 00	4	12	4 ¾	27
7	54.00	12	25 ¼	4 ½	67
7	60.00	18	31 ¼	4 ½	77
7	64.00	24	38	4 ½	95
10	60.00	12	26 ¼	6	95
10	70.00	18	31 ¾	6	108
10	78 00	24	38 ½	6	128
15	76 00	12	25 ½	6 ½	125
15	86 00	18	31 ¾	6 ½	145
15	100.00	24	38	6 ½	155
20	90.00	12	26 ½	7	160
20	108.00	18	32 ½	7	185
20	130.00	24	38 ½	7	197
30	110.00	9	22 ½	8 ¼	176
30	126.00	12	26	8 ¼	200
30	162.00	18	32	8 ¼	230
40	144.00	12	26 ½	9	228
40	170.00	18	33	9	252
50	168.00	12	27	10	270

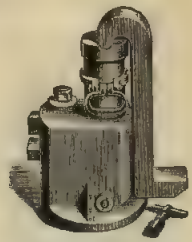
Claw Hydraulic Jacks

The claw on this style jack, being very close to the ground, is intended for raising loads that are not of sufficient height to admit the head of jack. The valves are so arranged that jack will operate in horizontal, vertical or inclined position. When a jack is not in continual service, it is well to pump it up occasionally to keep the valves and leathers in working condition. In ordering repairs, give capacity of jack as well as shop number stamped on lever socket.

Capacity, tons	Price Each	Rise, inches	Height Closed, inches	Height of Claw, inches	Approx Weight, pounds
4	$ 58.00	12	24 ½	4 ¼	78
7	68.00	12	25	4 ½	95
7	70.00	18	31	4 ½	107
10	76.00	12	26	5	135
10	88.00	18	32	5	153
15	94.00	12	25 ¾	5 ½	175
15	112.00	18	32	5 ½	195
20	118.00	12	26 ½	5 ½	210
20	140.00	18	32 ½	5 ½	240
30	158.00	12	26 ½	6	280
30	190.00	18	32 ½	6	300
40	184.00	12	26 ½	6 ½	295

Broad Base and Low or Horizontal Hydraulic Jacks

Broad Base



Low or Horizontal

The increased area of base of the broad base jack gives it a solid foundation where steadiness is required. The 40, 50 and 60 ton jacks are all steel.

The horizontal or low jacks are so called because they will run out as far horizontally as vertically and are about five inches lower than regular style jacks of equal capacity

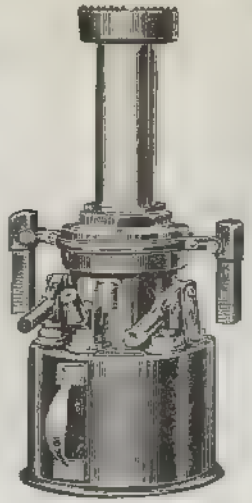
Broad Base

Capacity, tons	Price Each	Rise, inches	Height Closed, inches	Diam. of Base, Inches	Approx. Weight, pounds
4	$ 56.00	12	24	9 ½	70
7	64.00	12	25	10	88
7	68.00	18	31 ½	10	98
7	70.00	24	37 ½	10	110
10	70.00	12	25 ¼	12	110
10	82.00	18	31 ½	12	130
10	94.00	24	37 ¾	12	150
15	92.00	12	25 ½	12	150
15	108.00	18	31 ½	12	170
15	124 00	24	38	12	190
20	110 00	12	26 ½	13	190
20	130.00	18	32 ½	13	210
20	156.00	24	38 ½	13	231
30	134.00	9	23	13 ½	215
30	138 00	12	26 ½	13 ½	225
30	160.00	18	32 ½	12 ½	250
40	166.00	12	26 ½	13 ¾	257
40	206.00	18	33	13 ¾	290
50	190.00	12	28	15	285
50	230.00	18	34 ½	15	355
60	240.00	12	28	15	355

Low or Horizontal

Capacity, tons	Price Each	Rise, inches	Hght. Closed Inches	Diam. of Base inches	Apprx. Wt., Lbs	Extra for Claw
7	$ 64.00	12	20	9x5 ½	100	$ 8.00
7	72.00	18	26	9x5 ½	115	10.00
10	72.00	12	20	10	140	8.00
10	82.00	18	26	10	155	10.00
10	94.00	24	32	10	170	12.00
15	92.00	12	20	12	180	10.00
15	108.00	18	26	12	200	12 00
15	124.00	24	32	12	220	14.00
20	116.00	12	20	12	210	12.00
20	134.00	18	26	12	240	15.00
20	156.00	24	32	12	270	18 00
30	150.00	12	21	13	245	16 00
30	174.00	18	27	13	280	21.00
40	162.00	12	21	13	280	20.00
40	188.00	18	27	13	320	25 00
50	182.00	12	21	14	315	24.00
50	206.00	18	27	14	350	29.00
60	206.00	12	21	14	345	28.00
60	232.00	18	27	14	380	33.00
80	236.00	12	22	17	460	34.00
100	272.00	12	22	18	575	40.00

HYDRAULIC OIL POWER JACKS



BLACK HAWK
Extra Heavy Lift.

For locomotive work, heavy erecting and lifting vast tonnages. Equipped with high and low pressure pumps for speed and for lifting. Easily portable.

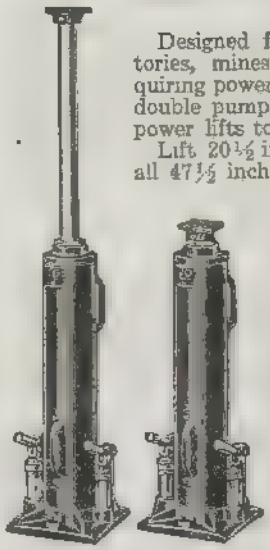
	Each
No. K-18—Capacity 75 tons; lift 9 ins; height 18 ins; height over all 27 ins	✣$675 00

Packed loose; wt each 260 lbs.

BLACK HAWK, Industrial Type.
Extra High Lift.

Designed for steam and electric railways, factories, mines, mills, oil fields and other uses requiring power and extreme height. Equipped with double pumps allowing speed lift to contact and power lifts to carry load.

Lift 20½ inches; height 27 inches; height over all 47½ inches.



Nos.	E27	F27
Cap, tons	18	30
Wt each, lbs	90	110
Each	✣$247 50	✣337 50

Packed loose.

SALAMANDERS

AKRON

Heavy gauge steel shell and ash pan; body provided with three vertical flanges that hold the shape under fire; fitted with heavy strong grate bars with large openings to allow plenty of draft for a quick fire. Adapted for small contractors for drying out walls and floors of new buildings.

	Each
No. 14—18 gauge shell; diam 14 ins; height shell 18 ins; height over all 26 ins; wt each 32 lbs.	✣$ 7 35
No. 17—16 gauge shell; diam 17 ins; height shell 24 ins; height over all 32 ins; wt each 49 lbs.	✣11 25

Crated; K. D.

✣Jacks—F. O. B. Wisconsin Factory Only.

✣Salamanders—F. O. B. Ohio Factory Only.

SAND DRYING STOVES

—BLUE GRASS—

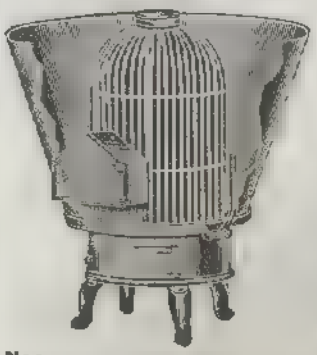
Adopted by the United States Government for the Navy Yards and Panama after a competitive test.

The wet sand is shoveled into the skirting and as it dries, will, of itself, run through the holes in the ring at the bottom. The amount of sand the stove will dry depends upon how wet the sand is and upon the condition of the fire in the stove. The stove may be fed with hard or soft coal, coke or wood. Clear sand only can be used, as earth or clay bakes hard.

Complete Without External Grating.

Nos.	BG1	BG2	BG3
Drying capacity, tons daily	10	5	3½
Capacity hopper, cubic ft	18½	8½	7½
Height over all, ins	58	49½	48¾
Size of fire door, ins	10x12	10x12	11x11
Grate diam, ins	22	15	12½
Skirting at top, diam, ins	52	40	39
Distance from inside fire door to back of stove, ins	33	27	23¼
Thickness of casting, ins	1¼	⅞	¾
Approx wt each, lbs	1050	550	450
Each	✣199 50	✣117 00	✣108 00
Shipped loose.	*$75 00*	*60 00*	*40 00*

EXTERNAL GRATINGS FOR SAND DRYING STOVES



—BLUE GRASS—

Upright cast iron grating which surrounds the main body of the sand dryer, leaving an air space of about 1½ inches between grating and body of stove. This prevents the wet sand from coming in contact with the hot furnace. It permits it to dry much more rapidly and adds greatly to the life of the stove by preventing baking of sand and consequent burning of castings.

Nos.	BG1G	BG2G	BG3G
For Stove Nos.	BG1	BG2	BG3
Wt each, lbs	187	107	95
Each	✣41 25	✣32 25	✣28 50
Shipped loose.	*$30 00*	*12 00*	*10 00*

✣F. O. B. Indiana Factory Only.

Blackhawk Industrial Jacks raise tremendous loads steadily and easily—A foot or a fraction of an inch. One man controls the entire operation.

You will find in this Catalog just the kind of Jack for every type of raising.

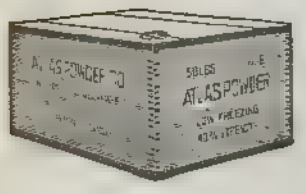
BLASTING POWDER

Especially adapted to mining and quarry work.

Nos.	F	FF	FFF	C	CC
Per Keg	Prices on Application.				

In 25 lb metal kegs.

DYNAMITE



For quarrying, mining sinking wells and shafts, railroad and contract work, submarine and boulder blasting; removing stumps and dirt blasting.

Packed in paper cartridges, protected by a coating of paraffin. The standard size is 1¼ in. diameter by 8 ins. long, but for special conditions cartridges of any convenient size are manufactured.

We can furnish dynamite (all numbers) in sticks as per following weights and measurements at regular prices.

Size stick, in.	⅞x8	1x8	1⅛x8	1¼x8	1½x8	1¾x8	2x8
Wt stick, oz.	4¼	5¾	6⅞	8	12⅛	16	20

NITRO GLYCERINE

Especially adapted to work when the rock is not seamy and when it takes an extra strong explosive; also used in water holes.

No. 33N—33%
No. 40N—40%
No. 50N—50%
No. 60N—60%

Low Freezing.
No. 20NLF—20%

Prices on Application.

AMMONIA OR EXTRA

To be used in underground work that is practically dry and when rock is seamy. It is a slower powder than nitro glycerine but will do the same work, only has less breaking force.

No. 33A—33%
No. 40A—40%
No. 50A—50%
No. 60A—60%

Low Freezing.
No. 25ALF—25%
No. 33ALF—33%
No. 40ALF—40%
No. 50ALF—50%
No. 60ALF—60%

Prices on Application.
Packed in boxes of 50 lbs each.

DYNAMITE

GELATINE

Used in submarine and tunnel work. Not affected by water for several hours, unless the water is colder than 45 degrees F. or 50 degrees F.

No. 60G—60%. For submarine or tunnel work.

Prices on Application.

BLASTING MACHINES

RELIABLE PUSH DOWN

A magneto-electric instrument having a magnet of horseshoe character, wound with coils of insulated copper wire; hardwood box, dovetailed; leather carrying handle; hardwood grip on push down lever; thumb pattern connecting screws. Used for firing long distance blasts, either single or in batteries. Each

No. 3—50 max. fuse capacity; for 2 posts ..... +$120 00

One in crate; wt each 31 lbs.

DAVIS

The outer case seamless brass tubing; heavily nickel plated aluminum top and bottom plates; removable leather carrying strap. Equipped with detachable operating key which may be kept in the possession of the shot-firer preventing the operation of the machine by any other person.

Each

No. 1—Size 2x4x4½ ins; capacity five 6 ft iron wire, or five 30 ft copper wire, electric blasting caps +$60 75
No. 2—Size 7½x5½x2½ ins; capacity ten 6 ft iron wire, or ten 30 ft copper wire, electric blasting caps .. 84 00

One in wood case; wt each 5 lbs.

BLASTING CAPS

Blasting caps cannot be shipped with dynamite.

Note—Sextuple force, should be used on Monobel and Gelatine dynamite.

No.	6
Less than 1000, Per 1000	$45 75
1000 or more, Per 1000	41 19

100 in metal box; wt per box about ½ lb.

ELECTRIC FUSES

To be used for exploding dynamite with an electric battery. Double wound insulation; sextuple strength caps, cotton covered wires. Every exploder warranted perfect.

Nos.	4	6	8	10	12
Length wire, ft	4	6	8	10	12
Wt per 100, lbs	3½	5	5¾	7½	9
Less than 1000. Per 100	$21 75	24 00	28 25	26 50	30 75
1000 or more, Per 100	19 59	21 60	25 64	23 65	27 69

50 in box.

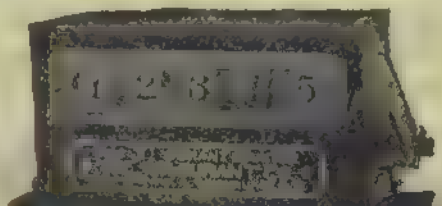
+F. O. B. Kentucky Factory Only.

Durant Counters

Model A Counter

No 1 counts 10,000
Price..... $5 10
No. 2 counts 100 000
Price . $ 00
No. 3 counts 1,000,000
Price..... 7.20
No. 1, with Alarm
Price . 9.75
No. 2, with Alarm
Price . . 11 25

Durant Counting Machines have been on the market longer than any other device of the sort and are very favorably known throughout the world. The Model A is the original type of ratchet counter, and has recently been brought to a high point of perfection by the introduction of extra heavy all steel wearing parts with broad wearing surfaces. All chance of breakage, or of other wise getting out of order is thus eliminated and their count can be depended upon absolutely. The figures are large black characters on a pure white background and drawn well forward so as to be easily read at a considerable distance or angle. All working parts are cut from heavy cold rolled steel, while the springs are wound from the best piano wire.



Model B Counter

Size 4 inches x 2¼ inches x 1¾ inches Weight 1¾ lbs
Net Price.....$6.00 With lock $6 45

Our Model B is a new production, and because of its compactness and light weight, is adaptable to many places where a ratchet machine is not. The Counter is of the full geared positive type and counts on only a single spring, used to return the lever to position. It will allow of a constant speed of over 400 per minute without the slightest chance of inaccuracy, breakage or appreciable wear. Resetting is accomplished without the use of a key according to very simple directions printed on the inside of lid and with a little practice can be done almost instantly.

Other forms of this Model are made as follows.

Rotary, or winding lathe counter, net ...$7 00
Star Wheel counter, net 8 40
Lineal Measure counter, net . .. .14 00

All Durant Counters are guaranteed for two years to be free from imperfections in materials and construction.

[illegible] Supplies. Your correspondence solicited.

MONTGOMERY & CO., 105 DUANE STREET NEW YORK CITY
(Consult Index). Mention "Tool Monger" No. 30 when ordering from this book.

"INITIATIVE" REVOLUTION COUNTERS

THE PERFECT REVOLUTION COUNTER

Registers from 0 to 10,000 in either direction, and then repeats. Can easily be set to zero, and count is read like an ordinary number, all digits being lined up in a row of figures. This feature is not found in any other revolution counter and offers many advantages over the puzzling way of reading with a pointer and dial.

The cut is exact size of counter—it is packed in a neat case and can easily be carried in pocket.

INITIATIVE Revolution Counters are compact in size—4½ inches over all—simple in construction, and will not get out of order easily. There are no delicate or flimsy parts. The instrument is made to wear and meets all requirements. This is very popular and we have received many second and third orders.

Price, each.....$4.75

Postage, 5 cents.

[illegible] been giving them a "square deal."

(Consult Index). Mention "Tom Monge" No 30 when ordering from this book

EARTHENWARE

WHITE JARS

Light color, glazed, artificial stone.

Covered

NO.	Cap. Gal.	Diam. In.	Ht. In.	lb Doz.	DOZEN
101	1	6½	7½	90	$ 7.20
102	2	7½	10	130	14.40
103	3	9	11	175	19.20
104	4	10	12½	237	24.00
105	5	11	13	282	31.20
106	6	11	14½	314	36.00
108	8	13½	15	396	54.00
110	10	13½	17	552	72.00
112	12	15½	17	600	84.00
115	15	15½	18	700	120.00
120	20	18	20	750	180.00

Open

NO.	Cap. Gal.	Diam. In.	Ht. In.	lb Doz.	DOZEN
200½	½	6	6½	40	$ 3.60
201	1	6½	7½	69	4.80
202	2	7½	10	102	9.60
203	3	9	11	141	14.40
204	4	10	12½	189	19.20
205	5	11	13	216	24.00
206	6	11	14½	242	28.80
208	8	13½	15	324	46.00
210	10	13½	17	432	54.80
212	12	15½	17	444	72.00
215	15	15½	18	528	108.00
220	20	18	20	600	144.00

BUTTER JARS

Light color, glazed, artificial stone.

NO.	Size	Diam. In.	Ht. In.	lb Doz.	DOZEN
41	1 lb	4	3	15	$1.90
42	2 lb	4½	3½	21	2.20
43	3 lb	5	4	24	2.40
44	4 lb	6	4		3.60
45	5 lb	6½	5		4.30
46	1 gal.	8	5½		4.80
47	2 gal.	10½	7		9.80

BEATING JARS

Light color, glazed, artificial stone.

NO.	Diam. In.	Ht. In	lb Doz.	DOZEN
37	4½	4½	24	$4.80

MILK CROCKS

Light color, glazed, artificial stone.

NO.	Cap. Gal.	Diam. In.	Ht. In.	lb Doz.	DOZEN
50½	½	6½	3½	18	$ 2.90
50½	½	7½	4	30	4.30
51	1	10	5	48	5.80
51½	1½	11½	6	75	8.60
52	2	12	6	93	11.50

MIXING BOWLS

Standard, yellow glazed, artificial stone.

NO.	Diam. In.	Ht. In.	lb Doz	DOZEN
2S	13	7	117	$24.00
3S	12	6½	90	20.00
4S	11	6½	78	18.00
6S	10	5½	72	15.60
9S	9½	5½	45	10.80
12S	8	5	36	8.40
18S	7	4½	24	5.50
24S	5½	3½	15	2.90
30S	5	3½	12	2.40
36S	4½	2½	9	2.00

CUSTARD CUPS

Yellow and brown artificial stone.

NO.	Diam. In.	Ht. In.	lb Doz.	DOZEN
10	3	2½	5	$1 50
11	3½	2½	8	1.70

G

EARTHENWARE

SPICE JARS

Light color, glazed, artificial stone.

No.	Diam. In.	Ht. In.	DOZEN
91	4	3½	$4.80
92	5¼	4½	7.20
93	7	6	9.60

SALT JARS

Light color, glazed, artificial stone. Plain and decorated.

NO.		Diam. In.	Ht. In.	lb Doz.	DOZEN
32	Plain	5	4	30	$9.60
33	Decorated	5	4	30	9.60

BEAN POTS

White, glazed, artificial stone.

NO.	Size	Diam. In.	Ht. In.	lb Doz	DOZEN
81	1 qt.	3¼	4	33	$3.60
82	2 qt.	4¼	4¾	42	4.80
83	3 qt.	6¼	7¼	57	6.00

WATER PITCHERS

Yellow, glazed, artificial stone.

NO.	Diam. In.	Ht. In.	lb Doz.	DOZEN
25	3¾	5¾	24	$4.80
26	4¼	7¼	36	8.40

JUGS

White and brown, glazed, artificial stone.

NO	Cap. Gal	Diam. In.	Ht. In.	lb Doz	DOZEN
60½	½	9¼	6	42	$ 3.60
61	1	13	7¼	66	4.80
62	2	13	9	126	12.00

CUSPIDORS

Brown, glazed, artificial stone.

NO.	Size	Diam. In.	Ht. In.	lb Doz	DOZEN
97	7 in.	7	4½	24	$4.80
98	Hotel	7½	11¼	42	8 40

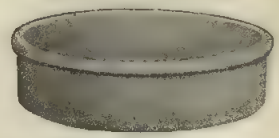
EARTHENWARE G

RABBIT FEEDERS

Light color, glazed, artificial stone.

NO.	Diam. In.	Ht. In.	lb Doz	DOZEN
1	5	2	12	$2 20
2	6	2½	18	2 90
3	7	2¾	24	3.60
4	8	2¾	33	4.80

CHICKEN FEEDERS



Light color, glazed, artificial stone.

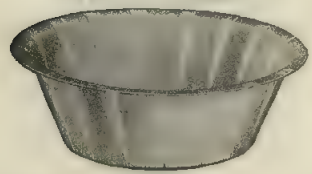
NO.	Cap. Gal.	Diam. In.	Ht. In.	lb Doz.	DOZEN
30½	½	7½	3½	42	$3.60
31	1	12	3½	96	5.80

SANITARY CHICK FOUNTS

Light color, glazed, artificial stone.

NO.	Cap. Gal.	Diam. In.	Ht. In.	lb Doz.	DOZEN
70½	½	4½	6½	42	$ 4.80
70⅝	⅝	5	8	60	7.20
71	1	6¼	9¾	93	9.60
72	2	8	12¾	162	14.40

PAPER DISHES



Lily dishes are made in the same way as lily cups, from a single disc of special paper. Ideal for ice cream, frozen desserts, salad and numerous other delicacies. Packed in attractive packages of 12 dishes.

NO.	Case Lots	Wt. Case	CASE
20	100 Pkg.	18 lb.	$14.00

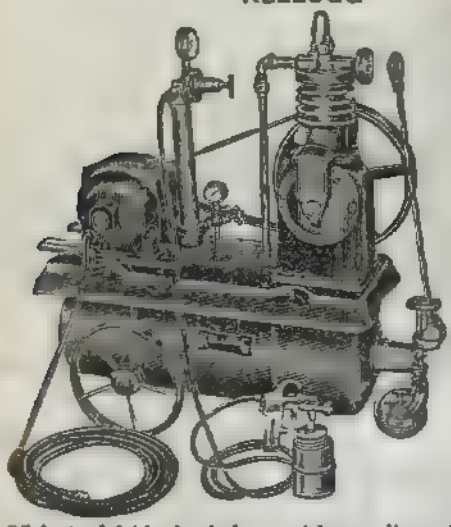
PAPER CUPS

Lily cups are made entirely by automatic machinery, from a single disc of special paper, pleated, and hot-pressed to a nicely curved lip. 100 cups in a carton.

NO.	Case Lots	lb Case	PER 1000
11	10	12	$10 00

PAINT SPRAYING EQUIPMENT

KELLOGG



A complete spray painting outfit for use where a standard sized equipment is necessary, combined with the added factor of portability. Equipped with 16 gallon tank with automatic unloader to govern pressure, mounted on 3 wheel carriage. The air transformer, filter and pressure regulator is connected directly to tank outlet valve, forming an integral part of compressor equipment. Complete with pistol grip spray gun, 25 feet of ¼ inch air hose with couplings, 20 feet of extension cord with separable attachment plug and two spray heads for either round or spray work. Operates from standard lamp socket. Designed for refinishing used cars, furniture, interior decorating and work that can be done with a suction type gun.

1 H. P., 60 Cycle, A. C. Motor, for 110 or 220 Volt.

Each

No. A-3—Wt each 500 lbs..... +$840 00

Crated.

PAINT SPRAY HOSE

VITALIC

Flexible metallic lining covered with thick rubber this in turn is covered and protected by an outside cover of heavy braided cotton.

In 25 Foot Cut Lengths.

Nos.	A-PSH-⅜	A-PSH-⅞
Size, ins	⅜	⅞
Wt per length, lbs	8¼	7¾
Per Length	$25 50	28 80

25 ft in coil, wrapped in Kraft paper.

EXHAUST FANS

KELLOGG, For Paint Shops.

Cast frame and supporting bracket, green enameled finish. Designed to withdraw vapors from paint rooms and intended for window or wall mounting. The motor is mounted above fan so that vapors are not drawn through or around it and meets the regulations of fire Underwriters. This construction eliminates the danger of paint damaging motor.

¼ H. P., 60 Cycle, A. C. Single Phase Motor.

For 110 or 220 Volts.

Each

No. A-K—Diam 16 ins; requires 17½ in. opening for mounting..... +$168 00

One in wood box; wt each 50 lbs.

+F. O. B. New York Factory Only.

AUTOMATIC AIR STATIONS

ECO

No. A-20

Bright red enameled cast iron base and upright. Equipped with automatic tire inflator with bell ringing signal, air cleaner inclosed in base, and automatic hose reel with 25 feet of high grade red rubber air hose. Automatic shut off valve on hose reel turns off air when not in use. Glass enclosed dial calibrated from 20 to 70 pound pressure. The motorist sets indicator to the pressure desired and applies chuck to tire, when tire has been inflated to pressure indicated, bell stops ringing and the air is automatically shut off. Furnished with special anchor bolts and plans for mounting on concrete base.

No. A-19

Each

No. A-20—With illuminated opal glass globe on top. Height over all 5 ft, 5 ins; ship wt each 250 lbs. $452 00

No. A-19—As illustrated. Height over all 4 ft; ship wt each 240 lbs..... 429 00

Crated.

Red enameled cast iron upright and base. Equipped with automatic bell ringing tire inflator easily operated by turning indicator to desired pressure, removing hose and applying chuck to valve, when desired pressure is reached the bell stops ringing. The air is turned on when hose is taken down and shut off when hose is returned to hook. Glass enclosed dial calibrated from 20 to 70 pound pressure. Complete with 25 feet of high grade red rubber air hose and instructions for installing.

Each

No. A-26—Height over all 5 ft..... $289 05

Crated; wt each 125 lbs.

TOWER TYPE

Red enameled cast iron upright and base. Equipped with automatic bell ringing tire inflator, easily operated by turning indicator to desired pressure, when desired pressure is reached the bell stops ringing. Glass enclosed dial indicator calibrated from 20 to 70 pound pressure. Ball-bearing full rotating tower top, hose will not twist or wear from friction, the hose rotates within the tubing. Designed for dealers who prefer an overhead tower rather than a reel or post type station. Complete with 13 feet of high-grade rubber hose.

Each

No. A-60—Height over all 12½ ft..... +$379 50

Crated; wt each 250 lbs.

+F. O. B. Ohio Factory Only.

AIR BRUSHES

SPEEDY

Consists of adjustable nozzle with spring tension which holds nozzle firmly in position, adjusting nut for regulating spray pressure, self-contained automatic pressure regulator, ebonized wood handle with pistol grip trigger control which permits continuous production without hand strain, 6 feet of high-grade rubber hose with air connection, two material nozzles, one for small and one for large sprays and standard Mason Jar container which permits utilizing containers for storage of a number of colors or materials.

Operates on air pressures from 50 to 150 pounds, spreads paints, lacquers, varnishes, auto dressings, rust-proofings and practically all forms of protective and finishing coatings, also used for spraying kerosene and gasoline for washing motors and greasy parts.

Each

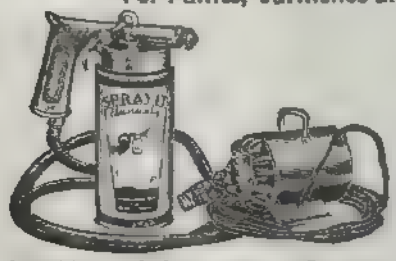
No. A-JKS—Wt each 3 lbs..... $28 05

One in carton.

SPRAY GUNS

SPRAYIT, AGITATOR TYPE, ELECTRIC

For Paints, Varnishes and Lacquers.



Aluminum motor housing and checkered pistol grip handle with control trigger.

Consists of rotary motor compressor unit protected by fine mesh wire screen, 12 feet of rubber insulated cord with push through switch and separable attachment plug, adjustable nozzle for coarse or fine spray, 2 containers, one glass and one metal, 8 feet of red rubber hose with brass connection and instructions for operating.

Operates from standard lamp socket or receptacle. Light in weight, portable by handle on motor housing. Constant fluid agitation, a stream of air is forced through the fluid and keeps it churning, thoroughly mixed and broken up.

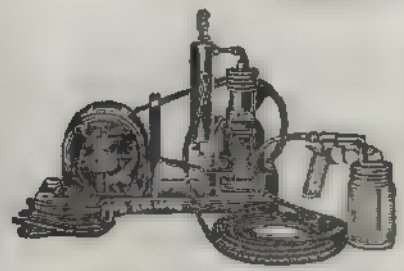
Designed for and used by paint shops and industries where moderate size surfaces are to be painted, lacquered or varnished. Sprays smooth or crackle finish on wood or metal. Each

No. A-83—Wt each 9 lbs..... $99 00

One in carton.

PAINT SPRAYING EQUIPMENT

KELLOGG



A complete spray painting outfit mounted on easy rolling castors. Consists of ¼ horse power motor, air compressor, spray gun with pistol grip control, 15 feet of ¼ inch air hose with fittings and extension cord with separable attachment plug. Operates from standard lamp socket. Designed for painting fibre furniture, radiators, machinery, lighting fixtures, toys, etc. Sprays practically any paint material, spraying and brushing lacquers, oil paints, cold water paints, metallic paints such as bronze, etc.

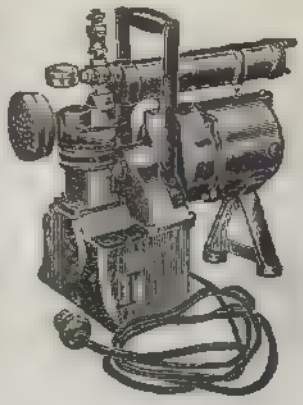
110 Volts, 60 Cycle, Operates Only on Alternating Current. Each

No. A-UA—Wt each 46 lbs..... +$163 35

+F. O. B. New York Factory Only.

PAINT SPRAYING EQUIPMENT

KELLOGG



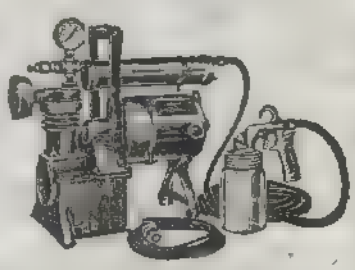
Universal drive for use in localities which have more than one kind of electric current in the same city. Particularly adapted for paint shops, for touch up guns, car dealers, repainting fenders, contractors, interior decorators, etc. Easily portable by wood grip carrying handle. Complete with 10 feet of cord with separable attachment plug.

110 Volt A. C. or D. C. 25-40 or 60 Cycle. Each

No. A-EM281UX—Ship wt each 55 lbs..... +$280 20

One in wood box.

KELLOGG



A complete spray painting outfit representing the extreme in portability.

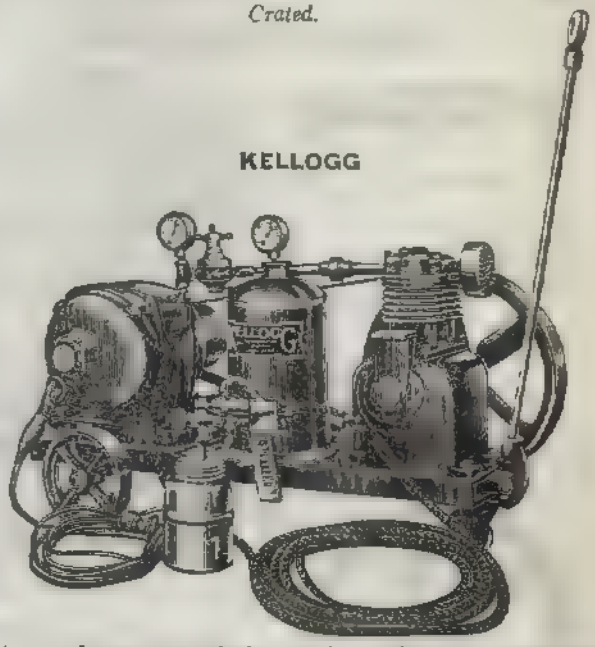
Consists of Universal motor, air compressor, spray gun with pistol grip control, 15 feet of ¼ inch air hose with fittings and extension cord with separable attachment plug. Operates from standard lamp socket. Designed for use in touching up damaged automobile fenders, doors, etc, painting hot water and steam radiators, refinishing furniture, etc.

110 Volts, Operates A. C. or D. C. Each

No. A-1—Wt each 83 lbs..... +$315 00

Crated.

KELLOGG



A complete spray painting outfit consisting of compressor, pressure regulating valve, fan type pistol grip trigger spray gun, suction feed paint cup, 25 feet, ¼ inch air hose with connections and two air gauges, everything necessary for touching up fenders, body repairs, etc., in general garage work. Easily portable, base mounted on three wheels. Operates from standard lamp socket or convenient wall receptacle. Complete with 10 feet of cord with separable attachment plug.

¾ H. P. 110 Volt, 60 Cycle. Each

No. A-2—Wt each 240 lbs..... +$571 00

One in wood box.

+F. O. B. New York Factory Only.

EDISON MAZDA LAMPS L

The trademark MAZDA on an incandescent lamp signifies that the manufacturer of the lamp has had the advantage of the most recent findings of the General Electric Company

A Mazda lamp is always the product of the latest and best methods of incandescent lamp making. The filaments of all Mazda lamps are at present made of tungsten. All of these tend to make Mazda lamps the best.

Edison Mazda "C" lamps are gas filled and are pear-shaped. They come under the classification for general use and are used everywhere, especially in the home and store. Filaments are not easily broken. The average lamp life is from 700 to 1000 hours although many of them burn much longer.

Any lamp requiring a change in construction from the standard, such as shape or color of bulb, tipped bulb, number of loops in filament, number of an hore watage, voltage amperes etc will take a special price, which may be obtained upon application

PS-Bulb
Frosted

S Bulb -
For General Use

P Bulb
Mill Type

A Bulb
For General Use

F Bulb
Decorative

G Bulb
For General Use

T Bulb
Showcase

HOW TO ORDER EDISON MAZDA LAMPS

All orders should specify whether Mazda B, Mazda C, Daylight Mazda or White Mazda lamps are desired and should give the following information:

1. QUANTITY—Number of lamps desired. Purchasers will avoid delays and get best discount by ordering package quantities.
2. SIZE OF LAMPS—Specify wattage of multiple lamps and lumens of series lamps.
3. VOLTAGE—For multiple lamps.
   AMPERES—For series lamps.
4. BULB—S14, A21, PS25, etc. The letter in the bulb designation indicates its shape and the figure its diameter in eighths of an inch. Thus an S14 bulb is straight-sided and is 14/8 or 1¾ inches in diameter. A indicates the New Inside Frosted, P and PS a pear-shaped bulb.
5. FINISH OF BULB—Clear, inside frosted, bowl enameled, or all frosted.
6. BASE—Medium screw or mogul screw.
7. SERVICE—For example: Projection, Flood Lighting, Locomotive Headlight, etc.

* Lamps can be supplied in any voltage.
‡ Colored covers only red, yellow, green, blue and amber-orange.

AGENCY SERVICE MATERIAL

Metal Base

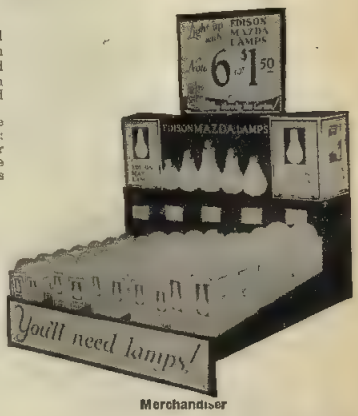
Metal Base & Sleeves

Base is of sturdy metal construction finished in blue enamel; equipped with special porcelain socket, 8-ft. lamp cord and attaching plug.

Sleeves to fit over base sent out every 6 weeks: lithographed in 8 or more colors; also side pieces including price cards, lamp holders, Agent's Creed, Right Lamp Chart, etc.

Edison Merchandiser

Sturdily constructed of high quality automobile steel; over all heighth 30 in.; wd. 26¾ in.; dp. 23¾ in.; finished in maroon enamel; equipped with 8-ft. cord and attaching plug, two test sockets, flasher visible from both front and rear, two removable cards at top and one at base; room for carton at each end of flasher box; open shelf at rear for 5 cartons; 5 display bins each holding 12 lamps in individual wrappers. Can be used on Display Stand, on counter or in window. Display Stand of metal construction with quartered oak legs, 30 in. high, 27 in. wide, 23¾ in. deep, finished in maroon enamel.



Merchandiser

Merchandiser	Each	$7.95
Display Stand	Net	6.50
Sleeve Service, per year	Net	2.00
Metal Base—Rented to Agents subscribing to sleeve service for	Not	1.00

PATSYKINS

Joins

PATSY ANN

THE EFFANBEE FAMILY

PATSYKINS—the 1930 EFFANBEE Doll—is a wonderful new playmate for PATSY ANN and LOVUMS. She is gay and wistful, sturdy and appealing—a doll that will bring happiness to thousands of children, and enhanced profits to dealers. Feature PATSYKINS and make a second Christmas out of

CHILDREN'S DAY
JUNE 21ST

LOVUMS

The doll with that yielding Kapok-stuffed body.

FLEISCHAKER & BAUM

45 EAST 17th STREET, NEW YORK, N. Y.

EFFANBEE prices are based on the best quality materials and the most expert workmanship available.

Tennis Equipment and Croquet Sets

Wilson Tennis Balls

Pluglers—two piece—ballarrowed balls with a fine covering of wear-resisting Australian wool felt.

They are non-perishable because they are packed in metal pressure tubes which keep them fresh and lively for years. The tubes are so made that they efficiently fulfil the air within the ball preventing loss by seepage. The tube is a high level article—the ball giving an extra amount of service.

Officially approved by U. S. L. T. A.

Pressure Packed — Per doz.

K2319—WHITE BALLS—3 in a metal can, four cans to carton, not broken 8.50

K2329—RED BALLS—3 in a metal can, four cans in carton, not broken 8.50

Bulk Packed — Per doz.

K2339—WHITE BALLS—One dozen in a carton, not broken 8.00

K2329—RED BALLS—One dozen in a carton, not broken 8 50

Tennis Racket Press

G8710—TENNIS RACKET PRESS—Correct construction made of clear kiln dried hardwood. Well varnished. Steel screws are nickel plated.....Per doz. 16.00

G8705—TENNIS RACKET PRESS—Made of heavy wood with four strong screws. Holds one ordinary sized racket .....Per doz. 13.50

Racket Cover

G8706—TENNIS RACKET CASE—For the head of the racket only. Heavy rubberized cloth. Brass snap-button and strap for fastening around racket head. Thoro cover will keep out moisture and dampness. Per doz. 2.80

Tennis Racket Cases

G8743-46

G8743—TAN WATERPROOF TWILL COVER. A real leader. Made of heavy tan rubberized, waterproofed twill with ball pocket. Trimmed in attractive light tan leatherette throughout. Strong leather carrying handle.....Per doz. 6.00

G8746—TAN TWILL ZIPPER COVER—Equipped with popular basketweave fastener. Made of heavy tan rubberized twill with ball pocket. Trimmed in attractive light tan leatherette throughout. Strong leather carrying handle.....Per doz. 26.40

G8750—DOUBLE TEXT-RE RACKET COVER—Khaki colored Mackintosh cloth mosaic with brown leatherette binding. Equipped with ball pocket and brown leather handle.....Per doz. 18.00

G8751—BACKWOOD CLOTH RACKET COVER—Khaki colored double tartan cloth with brown leatherette binding and leather handle. Has ball and shoe pocket.....Per doz. 24.00

G8755—WATERPROOF RACKET CARRIER. Made of light tan Duxbak 2x4 with inside waterproof coating. Bound in brown. Has ball pocket and leather handles.....Per doz. 15.00

G8765—PLAID RACQUET CASE—Equipped with ball pocket and brown leather handle. Made of plaid Mackintosh cloth with brown leatherette binding .....Per doz. 24.00

G8747—PEPPLER GREY WHIPCORD COVER—Fine quality pepper grey waterproof whipcord cover with tan trim. Snap fasteners. Large ball pocket and large shoe or clothing pocket.....Per doz. 21.60

G8762—RACKET COVER WITH ZIPPER FASTENER—Made of khaki colored double texture Mackintosh cloth with ball pocket. Handle is made of leather with bindings of leatherette to match .....Per doz. 27.00

G8709—WASHABLE RACKET COVER—Made of a new cloth that can be cleaned with soap and water and is waterproof. Has a ball pocket, brown leather handle and binding. Color, green and brown. .....Per doz. 30.00

Regulation Tennis Nets

Each

G8712—NET—27 feet, 12 thread, not bound, single .....

G8713—36 feet, 12 thread, not bound, double court..... 4.70

G8714—42 feet, 12 thread, not bound, double court..... 4.80

G8715—36 feet, 15 thread, double court, bound..... 6.50

G8716—42 feet, 15 thread, double court, bound..... 7.20

Collapsible Steel Tennis Posts

G8730—PREMAX COLLAPSIBLE STEEL TENNIS POSTS—Portable posts made of cut proof steel. Complete with pegs and guy ropes. Each 6.00

Dry Marker

G8744—DRY COURT MARKER—Uses slaked lime, plaster casts, marble dust or ground plaster. For grass or clay courts ..... Each 2.50

Croquet Sets

G8978—FOUR BALL CROQUET SET—Rock maple balls and stakes, painted and varnished. Plain beaded mallets, with maple handles painted. Ten polished iron arches, and small dove-tailed box with hinged cover. Weight, 12½ lbs..... Per set 2.90

G8977—SIX BALL CROQUET SET—Same as G8978. Weight, 17½ lbs..... 3.60

G8976—EIGHT BALL CROQUET SET—Same as G8975. Weight, 20 lbs..... 4.20

G8976—SIX BALL CROQUET SET—Made of selected hard maple. Six mallets with steel nickel rolled bands on end for strength. Highly finished painted and striped. Packed with sockets. White pine hinged box. Length of mallet heads, 6 inches. Weight per set, 24½ lbs..... Per set 2 60

G8984—SIX BALL CROQUET SET—A sturdy set well varnished throughout. Balls and stakes have wide, bright colored stripes. Beaded fancy mallets and plain handles. Strong galvanized arches. Packed in a hinged cover box. Weight, 19 lbs..... Per set 5.80

Juvenile Croquet Set

G9983—FOUR BALL JUVENILE CROQUET SET—Rock maple balls and stakes painted and varnished. Beaded, painted and varnished mallets. Galvanized arches. Dove-tailed boxes with hinged cover. Weight, per set, 6 lbs.....Per set 1 80

Per set

G8979—FOUR BALL CROQUET SET—Cheap professional. Full varnished and striped balls, handles and stakes. Long mallets and short handles, painted and striped. Galvanized arches. Length of mallets, 5 inches. Weight, per set, 17 lbs..... 4.60

G8980—SIX BALL CROQUET SET Same as G8979. Weight, 23½ lbs..... 6.30

G8981—EIGHT BALL CROQUET SET Same as G8979. Weight, 27½ lbs..... 7.20

G8982—EIGHT BALL CROQUET SET—Turned by hand. Eight finely painted mallets, neatly turned handles with nine fancy stripes. Highly polished three striped balls and two large beaded, fancy striped stakes in eight colors. Heavy galvanized arches. Length of mallets, 6 inches. Weight, per set, 26½ lbs..... Per set 8.29

Striking Bags—Volley Balls

Regulation Pitching Shoes

G9084—HORSE SHOES—Regulation size and weight. Made of drop forged steel and can not be broken in ordinary play. Shoes are finished in silver-aluminum color and numbered to avoid dispute. Per pair 1 60

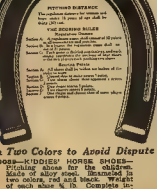
In Two Colors to Avoid Dispute

G9085—HORSE SHOES—Regulation size and weight. Each pair of shoes numbered and colored. The set is composed of four shoes, two red and two black. Packed one set in a lithographed box, with rules.
Per set of 4 2.70

In Two Colors to Avoid Dispute

HORSE SHOE PITCHING is being revived. Pitching contests are now engaging the attention of the best athletic clubs as a healthful exercise and interesting sport. Horse shoes are ringers for profit. These attractive pitching shoes are lasting gifts that never grow old. Made of drop-forged steel. Official sizes conform to the requirements of the National Association. The smaller shoes called for the junior size is especially designed for women and children. Octagon Pitching Shoes cannot be broken in ordinary play.
Per doz. pairs
G9090—Official size, we ght 3¼ lbs. Packed one pair in a box..... 18.00
G9091—Junior size, weight 1¼ lbs. Packed one pair in a box..... 15.00

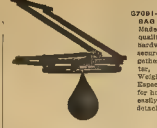
Kiddie Horse Shoes



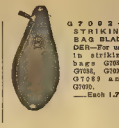
In Two Colors to Avoid Dispute

G9092—KIDDIES' HORSE SHOES—Pitching shoes for the children. Made of alloy steel. Shoes in two colors, red and black. Weight of each shoe ¾ lb. Complete instructions printed on carton. Packed one pair in a carton.
Per doz. sets of 4 18.00

Striking Bag Platform and Bladder



G7091—STRIKING BAG PLATFORM—Made of the best quality selected hardwood, firmly and securely bolted together. Ring dimensions, 23 inches. Weight, 7½ pounds. Especially adapted for home use. Can be easily attached or detached. Each 7.80



G7092—STRIKING BAG BLADDER—For use in striking bags G7087, G7088, G7089, G7089 and G7090.
Each 1.70

Striking Bags

G7087

G7088

G7090

	Each
G7082—MEDIUM SIZE—Wine colored chrome leather with canvas lining. Double stitched with linen cord. Plain leather hanger. Fine gray gum bladder	5.40
G7083—FAVORITE—An excellent bag for ordinary usage. Good quality olive colored leather backed with canvas. Linen stitched seams. Fine grey gum bladder	7.10
G7084—DOUBLE END STRIKING BAG—Tan leather throughout of good quality, canvas lined. Seams are strongly double stitched. Complete with gray gum bladder. Plain leather hanger	6.70
G7086—SPECIAL MODEL—Selected wine colored leather with canvas lining. Double stitched white welted seams. Plain leather hanger. Complete with pure gray gum bladder	8.00
G7085—CHAMPIONSHIP—Selected tan calf skin with a heavy canvas backing. Seams double stitched. Plain leather hanger. An exceptionally durable bag. Complete with pure gray gum bladder	13.20

Boxing Gloves

G7088

G7084

G7085

G7086

	Per set of 3 pairs
G7076—SMALL SIZE—Leather glove for a small boy. Made of wine colored leather throughout. Green trimming. Well padded	6.40
G7081—BOYS' SIZE—Olive glove leather with black trimming. Roll palm grip. Well padded with good quality hair	6.70
G7082—MEDIUM SIZE—Tan glove leather throughout. Safety palm grip. Padded with good quality hair	7.30
G7083—MEDIUM SIZE—Olive glove leather. Safety palm grip. Curled hair filling	8.00
G7084—TWO INCH PADDED CUFF. Good quality tan napa glove leather. Black roll palm safety grip and trimming. Good quality curled hair filling	9.10
G7085—CORBETT STYLE—A very serviceable, medium priced glove made of wine colored napa leather. Roll palm safety grip. Curled hair padding. Well padded	10.70
G7086—CORBETT STYLE—Large double padded cuff. Fine quality golden brown kid. Safety palm grip. Good grade curled hair padding	13.40

Horse Shoes

COMBINATION HORSE SHOE PITCHING OUTFIT for men is one of the best horse shoe outfits in the market. Drop-forged steel shoes of best quality. The Outfit includes horse shoes outfit consisting of four shoes and two stakes. Shoes and stakes are nickel plated. Stakes have ring and base. Shoes, weight, 5½ lbs. and 6 lbs. are in accordance with the rules of the National Horse Shoe Pitcher's Association. An official rule book with every outfit. Packed in strong wooden painted box with hinged lid
Per set
G9092—Standard size, weight 11½ lbs.... 5.00
G9093—Junior size, weight 7½ lbs.... 4.20
G9094—REGULATION HORSE SHOE PITCHING SET Consists of two stakes and four aluminum finished shoes numbered as to pairs. Shoes and stakes are made of drop forged steel. A rule book with each set. Packed complete in a wood box.
Per set 2.50

Horse Shoe Stakes

Per doz.
G9094—HORSE SHOE STAKES—Necessary accessories for a pitching outfit. This set made of drop-forged steel, will not break. Nickel-plated steel stakes with pointed end and red head. Diameter, 1 inch. Length, 25 inches. Packed one pair in a box.....Per doz. pairs 16.00

Volley Balls

G7075—ENGLISH TWELVE-PIECE PATTERN—A durable ball made of peal chrome "Buded-Tex" cowhide, with canvas lining. Gray gum bladder, leather lace and lacing needle.....Each 6.00

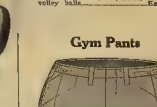
G7076—ENGLISH TWELVE-PIECE PATTERN—Chrome tanned leather backed with canvas. Complete with pure gray gum bladder, leather lace and lacing needle.....Each 6.00

G7077—ENGLISH TWELVE-PIECE PATTERN—Fitted with the new and improved rubber valve bladder. Made with a lace so that the bladder can be replaced if necessary. Selected panel calf skin with canvas lining. Official in size, shape and weight.....Each 11.50

Volley Ball Bladder

G7078—For use in G7076, G7074, G7077, volley balls.....Each 1.14

Gym Pants



"GYM" PANTS—Good quality serviceable khaki drill. Diamond padded hips. Button front. Full legs. Belt loops.

	Each
G7111—Size 32	1.25
G7057—Size 36	1.50
G7058—Size 38	1.60
G7059—Size 34	1.80

Megaphone

G9096—MEGAPHONE—Used in cheering sections at school and college games, at Fairs and Conventions. Made of brown oxford fibre. All in one piece, no unsightly seams. Wood mouthpiece. Length, 11 inches. Diameter, 8 inches at large end, ½ dozen in a package, not broken.....Per doz. 1.50

G9096—Same as G9096 but has a rich, glossy finish. Extra large mouthpiece, 14 inches long. 7½ inches in diameter at large end, ½ dozen in a package, not broken.....Per doz. 4.00

MINIATURE WHEEL TOYS

TOOTSIETOYS
Fire Department.

Cast metal chassis and two separate bodies, tower and hook and ladder with removable ladders; enameled in three colors, blue motor and chassis, blue water tower and hook and ladder. Per Doz Sets

No. 185—Length 3½ ins. $6 30

One set in cardboard box, one doz sets in carton; wt per doz sets 4¼ lbs.

Train Sets.

Cast metal locomotive, tender and pullman coach enameled, assorted colors red, blue, black and orange. Per Doz Sets

No. 4626—Length of train 8 ins. $6 30

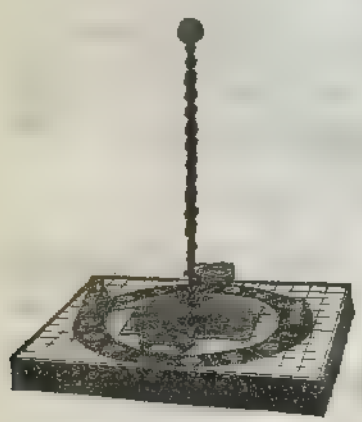
One set in cardboard box, one doz sets in carton; wt per doz sets 4½ lbs.

Horse Race.

Cast metal horses, finished in green, red, yellow and black, fastened to wire frame which revolves on a twisted steel rod 12 inches high. Horses are placed at top of rod and released gaining speed as they go down, the horse stopping nearest the judges stand wins the race. Per Doz

No. 165—Length of horses 1¾ ins. $12 75

One in cardboard box; wt per doz 6½ lbs.



Auto Race.

Cast metal autos of the latest racing type, finished in red, green, yellow and black, fastened to wire frame which revolves on a twisted steel rod 12 inches high. Autos are placed at top of rod and released gaining speed as they go down; track is laid off in blocks marked showing miles gained or lost. Per Doz

No. 175—Length of autos 2 ins. $12 75

One in cardboard box; wt per doz 6½ lbs

DOLL FURNITURE

TOOTSIETOYS
Bedroom Sets.

Cast metal bedroom suite, consisting of four pieces: bed, dresser, chair and rocker, finished in assorted colors; gold, blue and pink. Per Doz Sets

No. M22—Height bed 2 ins; height dresser 3 ins; height chair 2 ins; height rocker 1¾ ins $12 75

One set in cardboard box; wt per doz sets 6½ lbs.

DOLL FURNITURE

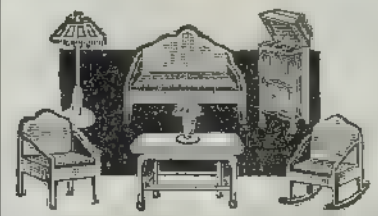
TOOTSIETOYS
Kitchen Sets.

Cast metal kitchen set, consisting of four pieces: range, kitchen cabinet, table and chair, finished in white enamel.

Per Doz Sets

No. M44—Height range 2 ins; height cabinet 2¾ ins; height table 1⅝ ins; height chair 2 ins. $12 75

One set in cardboard box; wt per doz sets 6½ lbs

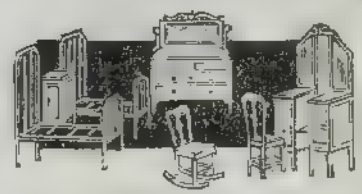


Living Room Sets.

Cast metal living room set, consisting of seven pieces: chair, rocker, settee, table, phonograph, table lamp and floor lamp, finished in gold and mahogany. Per Doz Sets

No. M55—Height chair, rockers and settee 2 ins; height table 1⅝ ins; height floor lamp 3⅛ ins; height phonograph 2¼ ins. $25 50

One set in cardboard box, wt per doz sets 13 lbs.



Bedroom Sets.

Cast metal bedroom set, consisting of seven pieces: twin beds, dresser, vanity dresser, night table, chair and rocker, finished in gold blue and pink.

Per Doz Sets

No. M66—Height beds 2 ins; height dresser and vanity 3 ins; height night table 1⅜ ins; height chair 2 ins; height rocker 1¾ ins. $25 50

One set in cardboard box; wt per doz sets 13 lbs

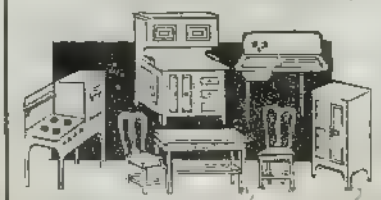
Dining Room Sets.

Cast metal dining room set, consisting of eight pieces: table, buffet, server, four chairs and tea wagon, finished in gold, oak and mahogany.

Per Doz Sets

No. M77—Height buffet 1¾ ins; height server 1⅝ ins; height table 1¾ ins; height tea wagon 1⅝ ins; height chairs 2 ins. $25 50

One set in cardboard box; wt per doz sets 12 lbs.



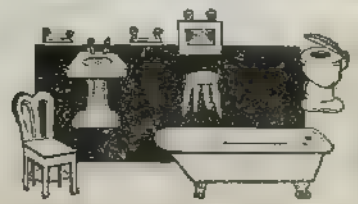
Kitchen Sets.

Cast metal kitchen set, consisting of seven pieces; range, kitchen cabinet, sink, refrigerator, table and two chairs, finished in white enamel, with black or white stove.

Per Doz Sets

No. M88—Height stove 2 ins; height cabinet 2¾ ins; height sink 2⅛ ins; height refrigerator 2⅛ ins; height table 1⅝ ins; height chairs 2 ins. $25 50

One set in cardboard box; wt per doz sets 13 lbs.



Bathroom Sets.

Cast metal bathroom set, consisting of eight pieces: tub, lavatory, closet, chair, stool, medicine cabinet and two towel bars, finished in white enamel.

Per Doz Sets

No. M99—Length tub 3⅜ ins; height chair 2 ins; height closet 1¾ ins; height lavatory 1⅝ ins. $25 50

One set in cardboard box; wt per doz sets 11 lbs.

SOLDIER SETS

ELASTOLIN

Per Set

No. 466—Set consists of 1 band leader, 6 band pieces, 1 captain on horse, 1 flagbearer, 2 flagofficers and 6 infantrymen; height of soldiers 4 ins; wt per set 3 lb $11 25

No. 120—Set consists of 3 drummers, 1 captain on horse, 1 flag bearer, 2 flagofficers and 18 infantrymen; height of soldiers 2½ ins; wt per set ¾ lb 6 00

MINIATURE WHEEL TOYS

TOOTSIETOYS

Buick Roadster.

White metal; crown fenders. Black enameled chassis, body enameled in assorted colors of red, blue, green and yellow.

Per Doz

No. 6001—Length over all 3⅛ ins $2 55

One doz in cardboard box; wt per doz 2¼ lbs.

Chevrolet Coupe.

White metal; crown fenders. Black enameled chassis, body enameled in assorted colors of red, blue, green and yellow.

Per Doz

No. 6202—Length over all 3⅛ ins $2 55

One doz in cardboard box; wt per doz 2½ lbs.

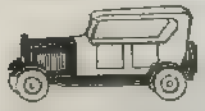
Buick Sedan.

White metal; crown fenders. Black enameled chassis; body enameled in assorted colors of red, blue, green and yellow.

Per Doz

No. 6004—Length over all 3⅛ ins $2 55

One doz in cardboard box; wt per doz 2⅝ lbs.



Oldsmobile Touring.

White metal; crown fenders. Black enameled chassis, body enameled in assorted colors of red, blue, green and yellow.

Per Doz

No. 6305—Length over all 3⅛ ins $2 55

One doz in cardboard box; wt per doz 2⅝ lbs.

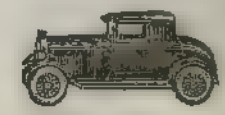
Cadillac Delivery.

White metal; crown fenders. Black enameled chassis, body enameled in assorted colors of red, blue, green and yellow.

Per Doz

No. 6106—Length over all 3¼ ins $2 55

One doz in cardboard box; wt per doz 2¾ lbs.



The New Ford.

Cast metal body, imitation wire wheels, nickel plated radiator and lamps, assorted colors, red, green, blue, and tan.

Per Doz

No. 4655—Length 3 ins $2 55

One doz in cardboard box; wt per doz 1¾ lbs.

MINIATURE WHEEL TOYS

TOOTSIETOYS

Sedan.

Cast metal body, disc wheels, bright enamel finish, assorted colors, red, orange, blue and green.

Per Doz

No. 4629—Length 3 ins $2 40

One doz in cardboard box; wt per doz 1⅛ lbs.

Coach.

Cast metal body, long stream lines with disc wheels, bright enamel finish, assorted colors, red, orange, blue and green.

Per Doz

No. 4651—Length 3⅝ ins $2 40

One doz in cardboard box; wt per doz 2⅛ lbs.

Racer and Driver.

Cast metal body, disc wheels, bright enamel finish, assorted colors, red, orange, blue and green.

Per Doz

No. 23—Length 3 ins $2 40

One doz in cardboard box; wt per doz 1½ lbs.

Tractor.

Cast metal, enameled, red wheels and gray and black body.

Per Doz

No. 4654—Length 3⅛ ins $2 55

One doz in cardboard box; wt per doz 2½ lbs.

Hook and Ladder.

Cast metal truck, three removable metal ladders; enameled in three colors, blue and red body, gold wheels and ladders.

Per Doz

No. 4652—Length 3¾ ins $2 55

One doz in cardboard box; wt per doz 2⅛ lbs.

Water Tower.

Cast metal truck and tower which raises to an upright position; enameled in three colors, yellow body, red tower and truck with gold wheels.

Per Doz

No. 4653—Length 3⅛ ins $2 55

One doz in cardboard box; wt per doz 2¼ lbs.

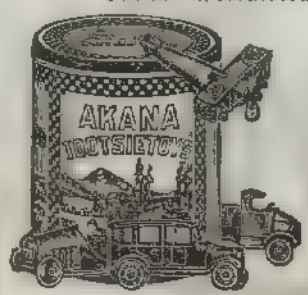
Mack Truck.

Cast metal; a perfect reproduction of Mack Truck with stake body, assorted colors, red and yellow cabs with red, green, blue or yellow bodies.

Per Doz

No. 4638—Length 3¼ ins $2 55

One doz in cardboard box; wt per doz 2⅛ lbs.



Akana Tootsietoys.

Six popular numbers of Tootsietoys in an attractive mailing carton, ready to mail.

Per Doz

No. 50—Wt per doz 12 lbs $12 75

One doz in box; three doz in carton with display easel.

Truck Sets.

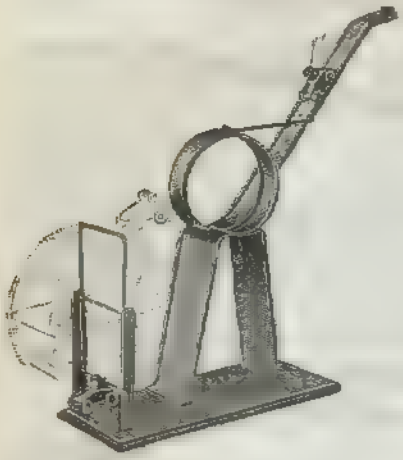
Cast metal chassis and three separate bodies, oil tank, coal and stake which makes three styles of trucks; enameled in assorted colors, red, yellow, green and blue.

Per Doz Sets

No. 170—Length 3¼ ins. $6 30

One set in cardboard box, one doz sets in carton; wt per doz sets 4½ lbs.

JUMPING JITNEYS



Heavy gauge sheet steel, enameled in attractive colors. Small autos released at top of incline rush down the track, loop the loop, jump the gap and land on the trapeze which swings round and round.

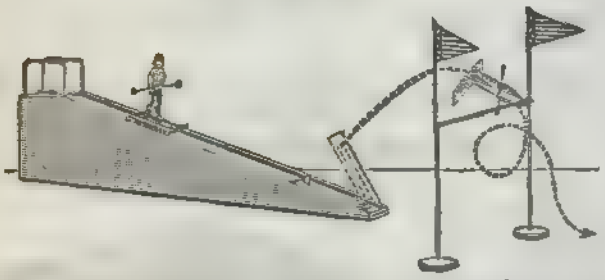
Per Doz

No. 101—Height 16 ins; length over all 18 ins **$24 00**

One in cardboard box; wt per doz 18 lbs.

SKI-JUMPERS

SCHOENHUT



Represents a ski-track, constructed of metal and heavy cardboard, painted white to represent snow. Hardwood man mounted on metal skis with small wheels. Lower end of track has a spring trap which is released when man hits it, throwing him into air over the goal, giving a realistic appearance of actual skiing.

Per Doz

No. 827—Length track 27 ins, height 5½ ins..... **$25 50**

One in cardboard box; wt per doz 30 lbs.

MECHANICAL TOYS

ACROBATS

Heavy gauge wire base and trapeze, flat steel upright, finished in attractive color combination.

Lithographed metal acrobat that performs different stunts at each winding.

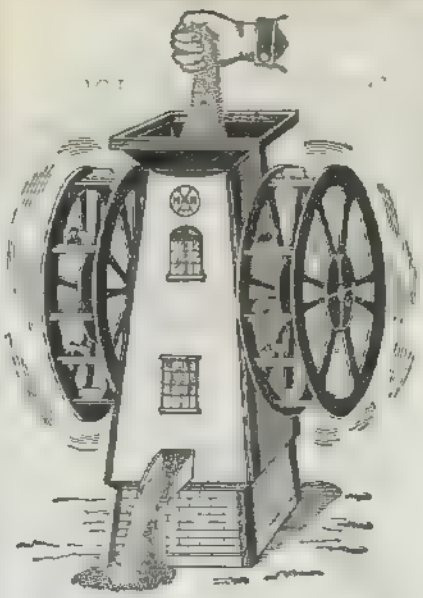
Equipped with a strong spring and runs for a long duration with each winding.

Per Doz

No. 590—Height 12 ins; width 8 ins **$16 50**

One in cardboard box; wt per doz 14 lbs.

MECHANICAL TOYS



SAND FERRIS WHEELS

Brightly colored realistic sheet metal sand mill with new idea ferris wheels revolves as sand is poured through funnel top and coming out below. Can of white sand furnished.

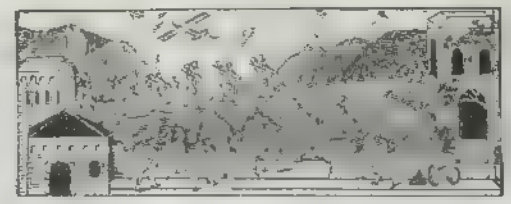
Height over all 8½ inches; width 6 inches.

Per Doz

No. 166. **$12 75**

One in cardboard box; wt per doz 15 lbs.

WEST POINT



Beautifully lithographed in bright attractive colors, showing West Point cadets marching up an incline, representing the barracks and grounds of West Point.

Per Doz

No. 580—Length over all 14½ ins; height 5½ ins; width 2½ ins..... **$15 75**

One in cardboard box; wt per doz 15 lbs.

ELECTRIC ASK ME ANOTHER

Consists of attractive face figure with 12 sets of questions and answers. When correct answer is found on the answer side an electric light sparkles in necktie of figure. Complete with battery, bulb and instructions for operating.

Per Doz

No. 900—Height over all 10 ins; width 5¾ ins **$24 00**

One in cardboard box; wt per doz 9 lbs.

AUTOMATIC MARBLE TOYS

SANDY ANDY ELEVATOR

Sheet steel, decorated in attractive colors. Automatic in operation the car travels up and down past the windows, as the windmill turns continually.

The car operates as long as marbles remain in chute to keep it in motion.

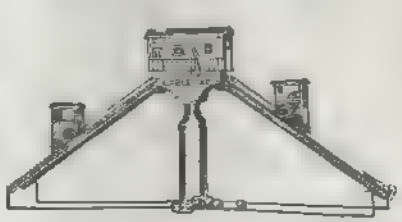
Per Doz

No. 57—Height of toy set up 21 ins, furnished with 8 marbles..... $38 25

One in carton; wt per doz 26 lbs.

SANDY ANDY CABLE CAR

Sheet steel, lithographed in colors. Cars dash up and down incline as long as there are marbles in tower. Furnished with 5 steel marbles.



Per Doz

No. 53—Height 10 ins; length 24 ins..... $24 75

One in cardboard box; wt per doz 21 lbs.

SUNNY ANDY FUN FAIR

Sheet steel, decorated in attractive colors. Six children on see-saw and swings move automically by counter weight; force is supplied by marbles dropping from top barrel and disappearing into bottom barrel; double barrel can easily be reversed for continuous action.

Per Doz

No. 65—Length 14 ins; height 5¾ ins; width 3¼ ins..... $25 50

One in cardboard box; wt per doz 24 lbs.

KIDDIE KAMPERS

Sheet steel decorated in attractive colors. The children are boy and girl scouts at camp, two boys saw a log, two chop wood and the girls signal with flags. Works automatically by counter weight. Force is supplied by marbles dropping from top barrel and disappearing into bottom barrel. Double barrel can easily be reversed for continuous action.

Per Doz

No. 66—Length 14 ins..... $24 75

One in cardboard box; wt per doz 21 lbs.

PULL TOYS

SANDY ANDY STREET CAR

Heavy gauge metal, lithographed in bright colors. Clear-sounding bell rings as car is pulled along.

Per Doz

No. 160—Length 13¾ ins..... $24 75

One in cardboard box; wt per doz 24 lbs

AUTOMATIC OVER AND UNDER LIFT TOYS

D 7

SANDY ANDY

Constructed of sheet steel, attractively finished in bright colors. An unusual simple mechanical toy with race car that runs down the upper incline, drops to lower track, then reverses to opposite end where motor raises the car to upper incline for next trip.

Operated by motor which will repeat many times on one winding.

Per Doz

No. 28—Length over all 25 ins..... $25 50

One twelfth doz in carton; wt per doz 15 lbs.

AUTOMATIC LIFT TOYS

SANDY ANDY FLEET FLYER

Heavy gauge sheet steel, enameled in attractive colors.

Interest holding action, plane shoots out of hanger along upper incline and then drops to lower track. Speeds forward to the end, then reversing returns to hanger where special lifting device raises it for another trip. Equipped with powerful motor, airoplane makes many trips on one winding.

Per Doz

No. 26—Length over all 25½ ins; height 6 ins..... $25 50

One in cardboard display box; wt per doz 9 lbs.

SPRING MOTOR TOYS

WOLVERINE, Tank.

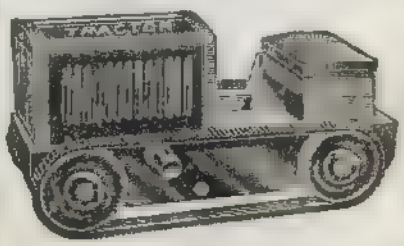
Heavy metal construction decorated in camouflage colors, with red gun housing and guns; caterpillar type wheels that travel on continuous corrugated rubber belts.

Equipped with a powerful motor, will climb over piles of books and small boxes.

Per Doz

No. 173—Length 14¾ ins; height 4½ ins..... $96 00

One in cardboard box; wt per doz 57 lbs.



WOLVERINE

Tractor and Trailer.

Heavy sheet steel tractor and trailer, red and grey enameled; tractor has caterpillar type wheels that travel on corrugated rubber belts.

Equipped with a powerful motor; will pull trailers loaded with 30 pounds on level floors and go up grade with lighter loads; just the thing to pull a string of other toys along.

Per Doz

No. 172—Length of tractor 9¾ ins; length trailer 6¼ ins..... $90 00

Each in cardboard box; wt per doz 54 lbs.

G

LIGHTER FLUID

Shell

A clean strong burning fuel for cigar lighters.

NO.	Size	Contents	Case Lbs	Dox.	DOZEN
20	3¼ oz.	2 doz.	9		$3 00

Oronite

A volatile fluid for cigar and cigarette lighters. Inflammable.

NO.	Cap.	DOZEN
10	3 oz.	$3.00

Two dozen in case.

Fuel for pocket and table lighters. Non-liquid, non-evaporating, and non-explosive. Lasts six times as long as liquid fuel.

NO	DOZEN
1	$4 25

One dozen in attractive display carton.

ELECTRIC DESK LIGHTER

Electric lighter furnished with cord. Finished in Green or Mahogany.

Casco

NO.	Finish	Height In.	EACH
25	Green	6	$2.00
50	Mahogany	6	2.00

WROUGHT IRON FURNITURE

Cuts for the following items are not available, but may be seen on our sample floor.

AQUARIUM STANDS

NO	EACH
138	$6.25
359	8.40
364	15.50

FERN STANDS

NO	EACH
128	$4.00
129	2.80
133	4.25
595	8 25
7892	13.75

SMOKER STANDS

NO	EACH
319	$6 90
321	4.95
3301	13 90

TILE TOP TABLES

NO	EACH
536	$18 90
539	9.80
540	18.90
541	16.85
542	14.85

LIGHTERS

Ronson De Light

NO.		EACH
17	Chromium plate. Engine turned. Ribbon design.	$6.50

NO.		EACH
21	Chromium plate. Plain case. Butler finish.	$5.00

LIGHTER SETS

Cigarette Case with Ronson Lighter to match. Finished in Black, Blue and Red.

NO.		SET
12738		$7.50

Ronson De-Light

The world's greatest lighter; efficient and handy for the pocket, assorted colors with and without shield.

NO	Finish	EACH
1	Black with shield	$5.00
11	Black no shield	5.00
2	Maroon with shield	5.00
22	Maroon no shield	5.00
4	Green with shield	5.00
44	Green no shield	5.00
6	Grey with shield	5.00
66	Grey no shield	5.00

TABOURETTE

Silver plated. Finished in colors of Black, Red, Tan and Brown leather.

Ronson De Light

NO		EACH
12280		$10.00

LIGHTER STANDS

A simple device for converting the standard model Ronson lighter into an efficient table lighter. Finished in Nickel, Royal Pomp and Doric.

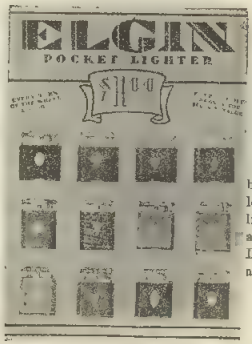
NO.		EACH
12678		$1.25

RONSON IGNITERS

NO		DOZEN
200	Three in an envelope.	$1.40

RONSON WICKS

NO		DOZEN
100	One wick in an envelope.	$1.40



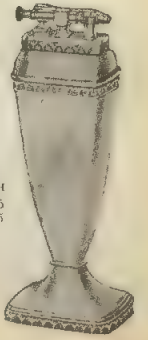
Elgin

Made of genuine bakelite with imitation leather cover. Twelve lighters are mounted on a counter display card. Lighter guaranteed against defects.

Star

Finished in Bronze or Silver.

NO.	Finish	Height In.	Lbs. Ea.	EACH
600B	Bronze	5½	1¾	$2.75
600S	Silver	5½	1¾	2.75



ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

TABLE LAMPS

SHADE—Hexagon 16 inch shade; rayola cover and lining; pleated cover, trimmed with frieze and lace edging.

BASE—Wrought iron metal standard and fancy base, plated finish; 2 chain pull sockets; height 29½ inches; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 32-H16RR—Complete	$27 30
No. H16RR Shade	15 30
No. 32—Base	12 00

One in carton; wt each 8 lbs

TABLE LAMPS

SHADE—Oblong, 18 inch shade. Taupe georgette and floral lace panels over rose silk lining and interlining.

BASE—Wrought iron fancy standard and base, two chain pull sockets; height 31 inches; 6 feet of silk covered cord and plug.

Complete.	Each
No. 52G-38F—Gold finish base, gold bullion fringe shade	$28 05
No. 52S-3F—Silver finish base, silk fringe shade	24 45

Shade Only.	Each
No. 3F—Silk fringe	$10 35
No. 3BF—Gold bullion fringe	13 95

Base only.	
No. 52G—Gold finish	14 10
No. 52S—Silver finish	14 10

One in carton; wt each 10 lbs

TABLE LAMPS

SHADE—Diameter 14 inches; parchment shade with colored pen and ink scene with braid on top and bottom.

BASE—Imitation bronze metal, antique verde green finish, mounted on sea green marble base; 1 push socket; height 22 inches; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 601-5-14PIC—Complete	$19 65
No. 14PIC—Shade	4 05
No. 601-5—Base	15 60

One in carton; wt each 8 lbs.

TABLE LAMPS

SHADE—Oval shape 12 inches; rayola cover and lining; pleated cover, trimmed with frieze and lace edging.

BASE—Fancy metal base, gold plated finish with onyx break; two chain pull sockets; height 29 inches; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 66-016RR—Complete	$27 30
No. 016RR Shade	15 30
No. 66—Base	12 00

One in carton; wt each 8 lbs.

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

TABLE LAMPS

SHADE—Floral design 14 inch shade. Chintz cretonne covered parchment, metal bound top and bottom.

BASE—Glass vase base; one key socket; height 19 inches; 6 feet of silk covered cord and separable attachment plug.

Complete.

	Each
No. TG-1B-14CC—Blue base	$9 60
No. TG-1B L-14CC—Black base	9 60
No. TG-1O-14CC—Orange base	9 60
No. TG-1R-14CC—Rose base	9 60
No. 14CC—Shade only	4 80

Base only.

No. TG-1B—Blue	4 80
No. TG-1B L—Black	4 80
No. TG-1O—Orange	4 80
No. TG-1R—Rose	4 80

One in carton; wt each 9 lbs.

ELECTRIC PORTABLE LAMPS

Note—Prices do not include incandescent lamps.

No. 21MB-16PIC

TABLE LAMPS

USES—On tables, pedestals, etc.

MATERIAL—Glazed porcelain base. Parchment paper shade. Complete with 6 feet of silk covered cord with separable attachment plug.

FINISH — Black glazed base. Brown shade with black and gold braid decorations around top and bottom.

Two light chain pull socket. Pen drawing castle scene decoration on shade. Height 22 inches; diameter bottom of shade 16 inches.

	Each
No. 21MB-16PIC—Complete	$12 60
No. 16PIC—Shade only	4 80
No. 21MB—Base only	7 80

One in carton; wt each 6 lbs.

One light push through socket. Pen drawing farm yard scene decoration on shade. Height 19 inches; diameter bottom of shade 12 inches.

	Each
No. 247-3-12PAP—Complete	$10 35
No. 12PAP—Shade only	1 65
No. 247-3—Base only	8 70

One in carton; wt each 4 lbs.

TABLE LAMPS

SHADE—Diameter 16 inches; rayola cover and lining; pleated cover, trimmed with frieze and lace edging.

BASE—Glazed porcelain, black finish height 22 inches. Two chain pull sockets; 6 feet of silk covered cord with separable attachment plug.

	Each
No. 22MB-R16RR—Complete	$23 10
No. R16RR—Shade	15 30
No. 22MB—Base	7 80

One in carton; wt each 10 lbs.

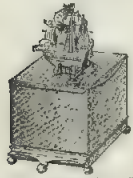
Metal Gift Novelties, Smokers, Souvenirs and Stationers' Articles

GIFTS OF UTILITY

GIFTS OF UTILITY

Inexpensive gift articles of an exclusive design for Birthdays, Favors, Card Prizes, etc. Clearly defined and nicely modeled subjects. Cleverly designed articles with salient features you will admire. Excellent workmanship and fine finish throughout. Attractively priced in this selling.

Illustrations Reduced Size



CIGARETTE HUMIDOR EJECTOR

A novelty which everyone will appreciate. Will hold 50 cigarettes. To remove cover, press sides of box and lift cover. Made of solid hammered brass, finished in real Pompeian bronze, and has a model of the Pirate ship mounted on top of humidor, enhancing its appearance. Side of box, 6 inches high, 3 inches square. Delivers one cigarette at a time. Simply push in ball and cigarette comes out.

No. 3108 Each . . $6.00

TOBACCO JAR

Every pipe Smoker will be pleased with this attractive gift. Made of solid brass, richly finished in antique Copper. Has a sponge cup on top of jar to keep tobacco fresh at all times. Ball feet and pipe chevrons, which add to the beauty of the novelty. Height, 6 inches; width, 4 inches. Finest workmanship and finish.

No. 3109 Each.... .. $5.70

PATENTED SANITARY DUMPING ASH RECEIVER

A practical ash receiver and match box holder, featured with the sanitary removal of ashes. Made of solid brass and finished in a lovely Green Pompeian Bronze. Size, 5½ inches wide and 3 inches high. Enhanced with attractive ball feet. A clever device which any man will admire.

No. 3110 Each..... .. $5.75

"PARROT" DESIGN ASH TRAY
Rich Nile Green Finish

A cleverly designed and masterly finished ash tray made of composition white metal and finished in a beautiful Nile Green. Green glass insert to match. Both cigarette ensellers 5 inches wide and 5½ inches high. Priced very low. A splendid prize or inexpensive gift item.

No. 3111 Each..... .....$2.10

PERPETUAL CALENDAR PAPER WEIGHT
"Pirate Ship" Design

Serves two purposes a perpetual calendar and a paper weight. Shape is an exact replica of the Pirate Ship, clearly modeled and defined. Made of cast metal and finished in oxidized silver. Length, 4 inches, height, 3¼ inches.

No. 3112 Each.....$2.25

THE "TURTLE" PAPER WEIGHT
Featuring the Stamp Box

Cast metal paper weight and Stamp Box of the Turtle. Finished in Antique Copper. Length, 4 inches. The most popular of paper weights. Very handy for desk use. A charming novelty item. Nicely made and finished.

No. 3113 Each . . $2.40

PIRATE PAPER WEIGHT
Mounted on Marble Base

Pirate ship paper weight mounted on block of marble, size 3½ inches wide and 1¾ inches high. Cast metal, richly hand colored in bright attractive colors. A distinctive design, exceptionally made and finished.

No. 3114 Each $1.75

FLOWER HOLDER

Cast Metal flower holder. Dragon design, finished in rich Green Pompeian Bronze, with fluted glass holder. Height, 8 inches. A very exclusive and charming design. Excellently made and finished. Ideal for gift purposes. Priced very low.

No. 3116 Each..... $4.75

THE "TAMBOURINE GIRL" STATUETTE

Cast metal figure of "The Tambourine Girl" mounted on a block of Imported Marble. The figure is nicely modeled and finished in a fine rose gold with harmonizing marble of similar color. Height, 9 inches; width, 4¼ inches. Ideal to brighten up a spot here and there in the home.

No. 3117 Each.....$7.00

INCENSE BURNER

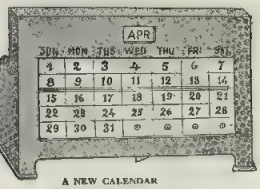
Cast metal incense burner with the sacred elephant mounted on top. Incense burns through the elephant mounted on tray, resting on top of burner. Richly finished in Green Pompeian bronze. Height 5 inches. Width, 3 inches. A unique novelty gift.

No. 3115 Each.... .. .. $4.10

INCENSE BURNER, STATUETTE

This cleverly designed article has various uses. The subject is a reproduction of the "FLAME." It is nicely modeled and finished in Antique Copper. Height, 5 inches. It makes an attractive gift article or Card Prize.

No. 3118 Each..... ....$2.25



A NEW CALENDAR
Works Automatically

A clever little article which makes a most practical gift item for any occasion. This new calendar works automatically. No thing to ever get out of order. Can be used perpetually. The device for operating it is so simple and correct. Beautifully finished in Antique Hammered Brass. 5½ inches in length and 4 inches in height. Has metal base to prevent scratching any surface. Nicely made throughout. A real value at this price.

No. 3119 Each $4.00

ASH TRAY SET
Four Compartments Nile Green Finish

One of the highest quality, designs made. Distinctly exclusive and distinctive. Made of composition white metal figure attached and finished in a magnificent Nile green with clear, with four triangular shaped removable glass inserts, with cigarette rest. Size, 10½x8½ inches. Faultlessly constructed and finished.

No. 3120 Per set .. $10.50

PERPETUAL CALENDAR AND THERMOMETER

Through an ingenious device, the automatic arrangement of the calendar is marvelously simple, accurate and dependable. The combination calendar and thermometer is high grade and made of solid brass, extra nicely finished in lovely antique copper. The thermometer is also high grade and fully guaranteed to perform correct service. Measures 7 inches in length and 4½ inches high. The heavy ball feet add to the beauty of the novelty. Any time purchased in throughout, supplied with a special low price, makes this an attractive offer.

No. 3121 Each $5.50

ELGIN

The watchword for Elegance and Efficiency

Elgin Pocket Watches

THE six watches illustrated on this page are the smartest looking and most popular of the 12 Size, extremely thin Elgin models. All are complete factory products:—cased, timed and regulated at the factory. Put up in attractive gift boxes. Illustrations show actual size.

Prices are list, subject to wholesale discounts

W1955 Elgin Style 476 **$128.50**
Sells to consumer for $100.00
12 Size, extra thin model, renowned for its exceptional time-keeping accuracy. 14 Kt. solid white gold case of smart design engraved bezel and bow. Plain back. Jewels 17 Jewels, 6 adjustments, raised gold figured dial.

W1956 Elgin Style 501 **$224.50**
Sells to consumer for $175.00
12 Size, extra thin model, artistic style, 14 Kt. solid white gold case. Custom made heavy weight, plain back and bezel engraved edge. renowned Elgin 21 Jewel movement—8 adjustments, winds at 6. Sterling Silver raised figured dials.

W1957 Elgin Style 505 **$192.50**
Sells to consumer for $150.00
12 Size, thin mode, 14 Kt. solid white gold case, extra heavy weight with inside cap, engraved bezel and bow, plain back. 19 Jewel Elgin movement with 8 adjustments. Sterling Silver dial, raised gold numerals and hands.

W1958 Elgin Style 507 **$103.00**
Sells to consumer for $75.00
12 Size, thin model, 14 Kt. solid white gold case with inside cap. Lightly engraved bezel and bow, plain back. 17 Jewel Elgin movement with three adjustments. Raised gold figured dial.
W1958A Elgin Style 507 **$103.00**
Same as W1958. 14 Kt. Green Gold

W1959 Elgin Style 511 .. **$84.30**
Sells to consumer for $59.00
12 Size, thin model 14 Kt. white gold filled cushion-shaped case of smart design. Engraved bow and edge, plain back. 17 Jewel movement, 3 adjustments. Stylish friction silvered dial.

W1960 Elgin Style 510 .. **$56.70**
Sells to consumer for $43.00
12 Size extremely thin mode. 14 Kt. white gold filled case, lightly engraved edge and bow, plain back. A striking looking watch at a moderate price. 17 Jewel Elgin movement, 3 adjustments, stylish embossed gold numerals.
W1960A Elgin Style 510 .. **$56.70**
Same as W1960, Green Gold Filled.

HAMILTON WATCHES

These are the best selling and most stylish models. Complete watches, cased, timed and regulated at the factory. Attractive gift boxes. Illustrations show reduced size. *Prices are list, subject to wholesale discounts*

HAMILTON No. 942 ROUND

W1961 14 Kt. white gold filled, 17 Jewels . $72.70
W1962 14 Kt. green gold filled, 17 Jewels . 72.70
Sells to consumer for $50.00
W1963 14 Kt. white solid gold, 17 Jewels $106.40
W1964 14 Kt. green solid gold 17 Jewels 106.40
Sells to consumer for $75.00

12 Size thin model .7 Jewel adjusted movement neatly decorated dials. Stylish cases are jointed with inside cap. Engraved bezel and bow, plain grey finish backs.

HAMILTON FARRAGUT

W1977 Yellow.. $72.70
W1978 White ... 72.70
Consumer price $55.00

The Farragut, a distinctive new model, fitted with secometer dial to meet the modern trend. 14 Kt. gold filled case, plain model, 17 Jewel adjusted movement, attractive dial.

HAMILTON No. 912 VAN BUREN

W1965 14 Kt. white gold filled, 17 Jewels . .$79.50
W1966 14 Kt. green gold filled, 17 Jewels... 79.50
Sells to consumer for $90.00

12 Size thin model. A truly exclusive and artistic shape that has met with great success. 17 Jewel adjusted movement, neatly decorated dials, raised gold numerals. Engraved bezel and bow, plain dull finish backs. New type rigid bow that adds to the smartness of this watch.

HAMILTON Nos. 942 and 918

W1973 14 Kt. white gold filled 17 Jewels $75.80
W1974 14 Kt. green gold filled . Jewels . 75.80
Sells to consumer for $55.00
W1975 14 Kt. white solid gold, 19 Jewels $145.60
W1976 14 Kt. green solid gold, 19 Jewels. . 145.60
Sells to consumer for $105.00

12 Size, thin model, stylish decagon shape, engraved bezel and bow, plain back. 17 Jewel movements are adjusted. 19 Jewel movements have three adjustments. Stylish decorated dials.

HAMILTON Nos. 922 and 918

W1967 14 Kt. white gold, 19 Jewels, 3 adj $145.60
W1968 14 Kt. green gold, 19 Jewels, 3 adj. 145.60
Sells to consumer for $105.00
W1969 14 Kt. white gold, 21 Jewels, 5 adj .$204.00
W1970 14 Kt. green gold, 21 Jewels, 5 adj 204.00
Sells to consumer for $145.00
W1971 14 Kt. white gold 27 Jewels, 5 adj $233.00
W1972 14 Kt. green gold 23 Jewels, 5 adj . 233.00
Sells to consumer for $160.00

12 Size thin model specially designed cases of unusual distinction. 14 Kt. solid gold, heavy weight, joined with inside cap. Engraved bezel and bow, plain back. Neat styled dials.

Raised solid gold numerals on Sterling Silver dials, $18.00 list additional.

Emeralite Lamps

EMERALITE shades have 100% reflection as there are no perforations or cumbersome metal parts used to support reflector on lamp. The reflector is supported by an ingenious holder that permits easy replacement without the use of tools and holds shade securely in every position.

Vertical adjustment is provided by a ball joint having multiple friction clamp that retains its adjustment indefinitely.

Emeralite fixtures are of solid brass and sufficiently heavy for stability.

EMERALITE LAMP—An artistic and practical fixture for a flat top desk or table. Cord enters base of column at rear. Size, base 7x7 inches, height to top of shade, 13 inches.

C8275—Brushed Brass and Black. ..... Each 18.00
C8276—Statuary Bronze ..... Each 19.50

EMERALITE LAMP—For roll top desks. Heavily weighted and fitted, adjustable arm. Size, base 7x7 inches.

C8280—Brushed Brass, Black Each 18.00
C8281—Statuary Bronze. ..... Each 19.50

EMERALITE LAMP—A two light fixture for double desk or table, matching single lamp C8275. Size, base 7x7 inches; height, 19 inches.

C8279—Brushed Brass ..... Each 30.00

EMERALITE LAMP—A very popular pattern for flat top desks. Economizes space by having inkwell in base. Height, 15 inches. Base, 7x7⅛ inches.

C8284—Brushed Brass ..... Each 23.50
C8285—Statuary Bronze ..... Each 24.00

EMERALITE LAMP—An artistic and practical lamp for flat top desk, adjustable shade, round base. Size diameter of base 6 inches, height to top of shade 18 inches

C8277—Brush Brass and Black ..... Each 19.00
C8278—Statuary Bronze..Each 19.50

EMERALITE JUNIOR ADJUSTABLE LAMP An independent, substantial and artistic lamp capable of any adjustment. The green shade has a ribbed effect, showing light and dark green. Cord and lighted Cord enters at side of base Complete with push button socket, 6 feet of cord and plug.

C8282—Old Gold, Brown Relief, with Zebra Green Shade..Each 9.70
C8283—Statuary Bronze with Zebra Green Shade ..Each 11.50

Greist Lamps

An excellent line of good looking lamps for either the home or office. They are of beautiful Polychrome and Bronze finishes making them especially suitable for the better class of offices. All lamps are supplied with an eighteen foot cord, socket and two piece plug, all underwriters approved material.

C8263 CLASSIC DESK LAMP A rich, dignified lamp of a authentic period design Unique scroll shade support perfects the smooth harmony of design. The tassel bail holder is replaced by the new art bail holder, which holds the glass shades—adjusting feature has been incorporates without detracting from the beauty of the lamp. Finished in Statuary Bronze. Height, 17 inches base 7 inches square, 19½ bulb top over all. Each 20.00

C8269—SUPER-LAMP—It stands, hangs, clamps anywhere, any position, will make beautiful design and finish, a quality lamp in which swing clamp is firm and positive, socket swivels, harmonizing in base, extends demure, Bamboo piped in either Jade Green, Old Ivory or Statuary Bronze. SPECIFY COLOR. ..... Each 4.00

C8291 DESK LITE An adjustable lamp of dignified design and quality. Finish and lines in accordance of the modern home or office desk Finished in beautiful Statuary Bronze or Brass. Specify color. ..... Each 8.00

C8292—STANDARD DESK LAMP A full size, have a long shade desk lamp, dignified design and sturdy construction Available in two finishes. Shade is of brass and adjustable, thoroughly excludes the light rays from the eyes. These lamps combine superiority in the appearance and efficiency of service. Finished in beautiful shades of Brass Green. PLEASE SPECIFY COLOR. Height, 14 inches Rises, 6 inches in diameter. Shade, 9 inches overall. ..... Each 8.00

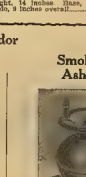
C8295 -TWIN LIGHT LAMP—The executive desk lamp.

Designed to fill a need for more light—such as is required on double desks or long tables where an extra spread of light is required. Finished in a handsome decorated Statuary Bronze. Each lamp is provided with a heavy felt base. Height, 18 inches. Each 12.50

C8294 -- DAYLIGHT DESK LAMP—The lamp is fitted with a daylight lamp producing a soft, natural light which eliminates the usual glare and eye strain. Heavy or weighted feet covers the base. Finished in decorated Statuary Bronze. Height, 21 inches. ..... Each 11.40

The Smokador

C8311—SMOKADOR ASH TRAY STAND The original patented "Rock-a-by" Smokador Ashless Ash Stand. Can't spill, non-odorous, easily cleaned, harmonizing with any furnishings. Match box holder on handle; two patented smoker grips hold lighted cigarettes or cigars and extinguish for safety. Rocking base prevents ashes from being lost and spoiled. Supplied in either Willow Green Red, Mahogany or Dark Bronze. SPECIFY COLOR. Height, 22½ inches from top of tray to the floor. ..... Each 12.50



Smokador Ash Tray

C8310—SMOKADOR JUNIOR—A four inch high miniature of the original well known Smokador with the same popular selling features. When ashes, ashes, burnt matches drop into the hollow tray—down they go out of sight and are automatically extinguished. No odor—no ashes left to blow around. Handsomely finished in Red, Green, Mahogany or Light Bronze. SPECIFY COLOR. The height of the ash tray is 4 inches. ..... Each 2.40

SAFE

Approved by Underwriters' Laboratories

WHEN a little girl sees an Empire Miniature Electric Range, her mind is so filled with the wonderful things she can do with it that safety is not even considered.

But the parents, who do the buying, are more careful.

And the fact that Empire Miniature Electric Ranges are approved by Underwriters' Laboratories is one reason why they have become standard with most dealers.

Not only because sales are made easier—but because dealers want to provide this protection for their customers.

However important safety may be — this is only one of the many Empire advantages.

The line includes six types and sizes priced from $2.50 to $20.00.

They are attractive in appearance—with colored panels and switches — nickel plated trim—black japanned bodies—oven thermometers—and aluminum cooking utensils.

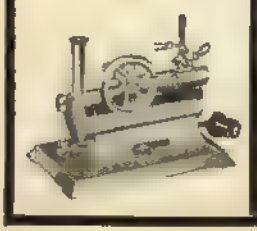
And the Metal Ware Corporation's policy of liberal discounts makes every sale highly profitable.

Send the coupon for prices and complete details on the three famous Empire lines of Miniature Electric Ranges—Electric Steam Engines—and accessory toys.

ELECTRICAL APPLIANCES — EMPIRE — EDUCATIONAL TOYS PERCOLATORS

METAL WARE CORPORATION

General Offices and Factory: Two Rivers, Wisconsin
Branch Offices: New York Chicago San Francisco
Strobel-Wilkins Co., Inc.
Export Distributors: International General Electric Co. and John H. Graham & Co., Inc.



Electric Steam Engines

Any boy can find the engine he wants in this complete line

Empire Electric Steam Engines
Vertical—Horizontal
Double Action—Twin
Magnetic Engines
Battery Engines
Hot Air Engines
Electric Steam Turbines

Please send me the special folder, prices and complete details on Empire Educational Toys.

Name .....

Address .....

City ..... *State*.....

Rubber Arms and Rubber Legs for Dolls

Are IDEAL'S Contribution to Better Doll Construction

\+ + +

National Advertising Is Creating Demand for
RUBBER ARM DOLLS
in Every City and Town in America

Rubber Arm Dolls sell because they are more practical. They are lifelike, washable and unbreakable.

IDEAL RUBBER ARM DOLLS ARE FULLY PROTECTED BY PATENTS

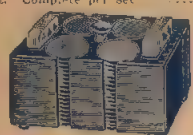
Be Sure to Visit Our New York Showrooms, 221 Fourth Avenue (Cor. 18th St.)

Ideal Novelty & Toy Co.

273-299 VAN SINDEREN AVE., BROOKLYN, N. Y.

Complete Poker Sets

No. 1607 POKER SET. Including Rack, and 100 chips assorted, 50 white, 25 red 25 blue, 1¾ in. in diameter. The rack is made of metal nickel plated base with the center post fastened in chips held in by a ring and rod. The top disc is easily removed by a simple half turn of the ring, keeps the chips in securely and makes a good low price poker outfit. Complete per set 95

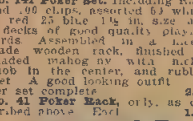


No. 140 POKER SET. Includes a rack and 100 chips assorted, 50 white, 25 red and 25 blue, standard 1½ in. size, and also one deck of good quality playing cards. The rack is made of wood and is rubber footed, nicely finished in shaded mahogany, with a nickel plated knob handle in the center. Per set complete with rack and chips 1.50

No. 40 Rack only as described above, for 100 chips and one deck of cards Each . . .**.98**

No. 141 Poker Set. Including Rack and 200 chips, assorted 50 white, 25 red 25 blue 1½ in. size and 2 decks of good quality playing cards. Assembled in a handy made wooden rack, finished in shaded mahogany with nickel knob in the center, and rubber feet. A good looking outfit Per set complete 2.10

No. 41 Poker Rack, only, as described above Each . . . 1.35



No. 3989 POKER RACK, Oblong shape 4⅞ x 9 in. made 3¾ in. deep. Holds 200 poker chips 1½ in size and 2 decks of cards. Rack made of gum wood highly polished in mahogany finish Per Rack only, each . . . 1.45

No. 5765 POKER SET. Includes rack, and 200 chips, assorted as white 50 blue, 50 red standard size 1½ in. Assembled in rack described above. A new model made of a very pleasing design. Includes 2 decks of good quality playing cards. Per outfit complete rack, chips and cards Each 2.65

Complete Poker Sets

No. 343 POKER SET. Includes rack and 200 good chips standard 1½ in size packed 100 white 50 red, 50 blue and also two decks of good quality cards, assembled in a footed revolving round rack made of wood in rich mahogany finish, with nickel plated handle in center. The bottom is felt lined, will not mar polished surface, excellent in looks and finish Complete per set . . . 3.80

No. 143 RACK ONLY, as above described Each . . . 2.55

No. 344 POKER SET. Including revolving round footed rack, felt bottom, mahogany finish as illustrated and described above holding 2 decks of good quality cards and 200 chips assorted 150 white 75 red, 75 blue.
Per set complete . . . 5.85

No. 44. Round rack only, as above described Each . . . 4.20

Two Tone Chip Rack

No. 2018 POKER RACK. Holds 200 chips and two decks of cards Made of 2 color wood—1 layer of White Maple with 1 layer of Walnut, forming a beautiful 2 tone color effect. Round turn pure finish—very fine quality and workmanship Revolving round foot with felt bottom Nickel handle Each . . . 4.20

No. 2017 POKER SET. Including above illustrated rack and 200 poker chips assorted 100 white, 50 red, and 50 blue, with two decks of good quality cards Per set complete . . . 5.25

No. 22 PLAYING CARD SET, Cards are high grade stock, gilt edges, air finish, with large indicators, finely printed in colors Each deck in a genuine leather case with snap fastener and nickel frame in back to hold cards in Per Dozen . . . 5.50

Poker Chips

No. 3986 POKER CHIPS. Made of noiseless pulp composition, well finished and rich looking in 4 color colors Packed 50 white, 25 red, and 25 blue, in a nice box Standard 1½ in size.
Per box of 100 45
Per 1000 . . . 4.00

No. 1588 COMPOSITION POKER CHIPS. Smooth, highly polished substance strong, durable—looks like celluloid 1½ in. polished edges. Packed 50 white, 25 red and 25 blue in box of 100
Per 100 .60 Per 1000 . . . 5.25

No. 4031 WOOD POKER CHIPS. Made of selected white maple, will not chip crack or split and just as durable or more so than composition or paper fibre chips, the edges are polished, top and bottom embossed 1½ in. diameter packed 50 white 25 red, and 25 blue in box of 100
Per 100 .65 Per 1000 . . . 6.20

No. 1589 "STOP MONKEYING" POKER CHIPS. 1½ in size made of durable comp sition, clean cut, well finished, and smooth Embossed with characters named "Stop Monkeying." Packed 100 in a box, assorted, 50 white, 25 red, and 25 blue The best looking and nicest quality offered anywhere at this price
Per box of 100 65
Per 1000 . . . 6.00

Engraved Poker Chips

ENGRAVED POKER CHIPS. Regular size, 1½ in Made of high grade composition of smooth finish, carefully polished. The engraving is clean cut neat and finished in white and black color, with a ride around Packed 25 red, 25 blue, and 50 white, in a nice carton

No. 5808 EAGLE DESIGN.
Per box of 100 . . . 1.35
Per thousand . . . 13.00

No. 5809 PRINCE OF WALES DESIGN.
Per box of 100 . . . 1.35
Per thousand . . . 13 00

BISCUIT BEATERS

With Table.

White porcelain top, aluminized, malleable iron supports, securely bolted to frame; polished nickel plated steel rolls, with guards to prevent dough from working into cogs; fitted with thumb screw adjusters; malleable iron gearings; malleable iron crank with plain wood handles, angle iron table legs and supports; black japanned finish.

Each

No. 1—Size top 36x16 inches; height to top of table 30 inches; height over all 37 inches; size of rolls 2¼x12 inches **$63 00**

One in crate; wt each 80 lbs.

BEATEN BISCUIT CUTTERS

Cuts 2 inch biscuit, sticking at the same time. Stickers are made in tin disc which fit inside the shell.

Per Doz

No. 1—Two piece tin cutter; one doz in pkg; wt per doz 1 lb **$3 00**

PEPPER MILLS

Individual.

Hardwood, nicely finished; nickel plated mountings; ball-bearing grinders.

No.	Per Doz
PM—Height 2½ ins, diam 1¾ ins	$24 00

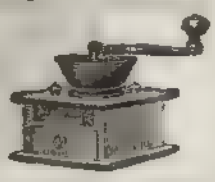
Packed loose; wt per doz 4 lbs.

COFFEE MILLS

PARKER'S

Side Lever Adjustments.

Box 3 inches high; 5 inches square.



No.	P104
Less than case, Per Doz	$25 20
Full case, Per Doz	24 00

Half doz in wood case; wt per doz 40 lbs

Direct Positive Adjustment.

Chilled iron grinders, sunken hopper. Holds 1 pound of coffee.

Box 7 inches high; 5½ inches square.

No.	P555
Less than case, Per Doz	$32 25
Full case, Per Doz	30 75

Half doz in wood case; wt per doz 70 lbs.

Side or Wall Pattern.

Japanned cast iron body and hopper, with drop cover, mounted on hardwood board. Chilled iron grinders, direct positive adjustment.

Board 7¼x3½ inches; hopper 2½ inches deep; 3¾ inches wide.

No.	P1350
Less than case, Per Doz	$17 25
Full case, Per Doz	16 50

One doz in wood case; wt per doz 36 lbs.

COFFEE MILLS

PARKERS

Side or Wall Pattern.

Japanned sheet iron hopper with drop cover; japanned cast iron body; mounted on ¾ inch thick, hardwood board; chilled iron grinders; front adjusting screw.

Nos.	P50	P60
Board, ins	8⅛x6	8⅛x6¾
Depth hopper, ins	3¼	3⅞
Width hopper, ins	4¼	4¼
Wt per doz, lbs	40	50
Less than case, Per Doz	$21 00	24 45
Full case, Per Doz	20 25	23 25

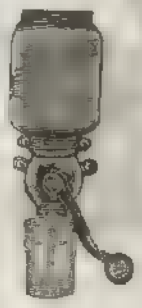
Half doz in wood case.

For Wall.

Japanned body and air tight **tin hopper** 6½x4½ inches, with screw top; detachable positive glass tumbler; chilled iron grinders, screw adjustment.

No.	P444
Capacity, lbs	1
Height over all, ins	14½
Less than case, Per Doz	$32 25
Full case, Per Doz	30 75

One in carton; one doz in crate; wt per doz 33 lbs.



For Wall.

Japanned body and air tight **glass hopper** 6½x4½ inches, with screw top; detachable glass tumbler; chilled iron grinders; direct positive screw adjustment.

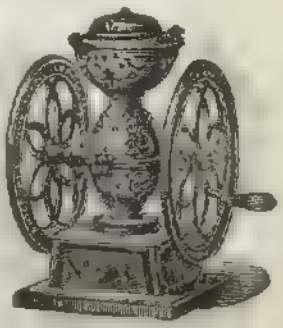
No.	P449
Capacity, lbs	1
Less than case, Per Doz	$36 00
Full case, Per Doz	34 20

One in carton, one doz in crate; wt per doz 43 lbs.

ENTERPRISE

Rapid Grinding, Will Pulverize or Granulate Coffee.

Cast iron; painted red, striped in gold; hardened cast grinders; plain bearing, with drawer and slide cover to hopper; hardwood base; thumb screw adjustment on side of wheel; hardwood handle. No. 7 with eagle on top.



Nos.	3	5	7
Capacity, ozs	8	12	28
Will grind per min, ozs	8	12	16
Height, ins	15	17	21½
Diam wheels, ins	10¾	12½	17
Wt each, lbs	22½	36	62
Each	✦27 75	✦39 75	✦54 75
	$12 50	*18 00*	*25 00*

No. 3 three and No. 5 two in wood box.
No. 7 one in crate.

✦F. O. B. Pennsylvania Factory Only.

ELECTRIC COFFEE MILLS

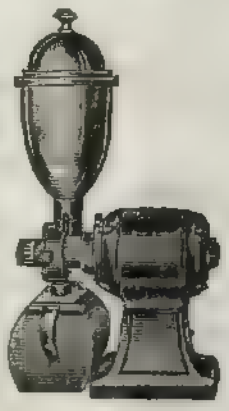
ENTERPRISE

Mill mounted on heavy metal base. Supplied with motor for either alternating or direct current and can be attached to electric light socket. Equipped with automatic safety release, which stops grinders, should a nail or any foreign matter get into mill. Can be regulated to grind coarse or fine while running.

Equipped with ¼ horse power motor and aluminum hopper, capacity 8 pounds; granulating capacity 1 pound per minute.

Each

No. 71—Height 27 ins; length 14 ins; width 14 ins..... ✚153 00
One in wood box; wt each 85 lbs. *$70 00*

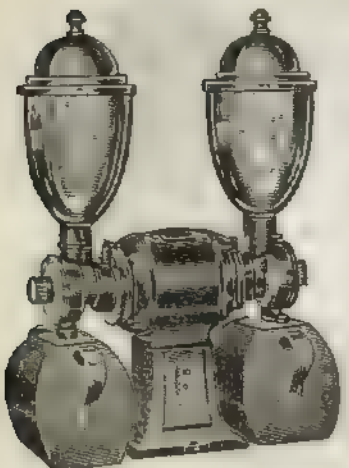


Equipped with ⅓ horse power motor and polished aluminum hopper, capacity 5 pounds; granulating capacity 3 pounds per minute.

Each

No. 78—Height 32 ins; length 17 ins; width 18 ins..... * ✚295 50
$135 00
One in wood box; wt each 140 lbs

***Note**—When ordering specify whether alternating or direct current is wanted.



Equipped with ⅓ horse power motor and two polished aluminum hoppers, capacity 5 pounds each.

Fitted with two grinders, one for granulating the other for pulverizing; granulating capacity 2 pounds per minute; pulverizing capacity ½ pound per minute.

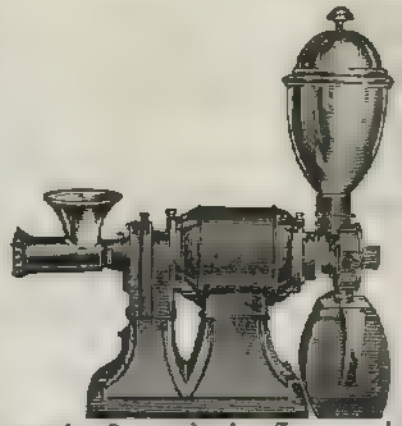
Each

No. 078—Height 32 ins; length 24 ins; width 18 ins* ✚437 25
$200 00
One in wood box; wt each 160 lbs.

***Note**—When ordering specify whether alternating or direct current is wanted.

ELECTRIC COMBINATION COFFEE MILL AND MEAT CHOPPER

ENTERPRISE



Mill mounted on heavy metal base. Fitted with ⅓ horse power electric motor which can be supplied to operate on either alternating or direct current from electric light socket. Coffee mill equipped with automatic safety release which immediately stops grinders should a nail or foreign matter get into mill. Can be regulated to grind coarse or fine while running; granulating capacity 8 pounds of coffee per minute. Three detachable choppers equipped with knives and plate of selected heat treated steel; knife blades are set at correct angle for a true shear cut. Complete with two plates with size ⅛ and 5/32 inch holes and two knives; meat capacity 360 pounds per hour.

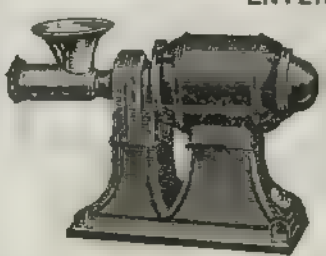
Each

No. 7810—Height 32 ins; length 31 ins; width 18 ins..... * ✚437 25
$200 00
One in wood box; wt each 185 lbs.

***Note**—When ordering specify whether alternating or direct current is wanted.

ELECTRIC MEAT CHOPPERS

ENTERPRISE



Mill mounted on heavy metal base. ½ horse power electric motor which can be supplied to operate on either alternating or direct current from electric light socket. Equipped with two plates sizes ⅛ and 5/32 inch and two knives. Capacity 360 pounds of meat per hour.

Each

No. 910—Height 16 ins; length 26 ins; width 10 ins..* ✚349 50
One in wood box; wt each 147 lbs. *$160 00*

Equipped with ½ horse power motor and two plates with size ⅛ and 5/32 inch holes and two knives; meat capacity 700 pounds per hour. A coffee mill can be added to this unit at any time.

Each

No. 920—Height 18 ins; length 30 ins; width 13 ins..... * ✚492 00
One in wood box; wt each 210 lbs. *$225 00*

***Note**—When ordering specify whether alternating or direct current is wanted.

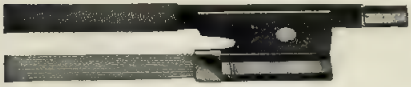
✚F. O. B. Pennsylvania Factory Only.

✚F. O. B. Pennsylvania Factory Only.

Violin Bows and Cases in All Sizes

Well Made and Finished — Priced Exceptionally Low

In event of a purchase of a Violin Bow or Case without the Violin, a nominal charge for packing will be extra.



VIOLIN BOW

Can be furnished in the Full, ¾ and ½ sizes, as quoted. German-made bow, round Brazilwood stick, hand polished and finished in medium red brown color. White bone tip, genuine ebony frog. Full German silver lined with pearl slide and pearl eye. Solid German silver screw. Brown cloth grip.

No. 7F686 Full Size Violin Bow. Each $2.80
No. 7F684 ¾ Size Violin Bow. Each 2.10
No. 7F682 ½ Size Violin Bow. Each 2.10

VIOLIN BOW

Can be furnished in the Full, ¾ and ½ sizes, as quoted. Good grade Brazilwood stick. Round, finished in medium brown color. German manufacture. Genuine ebony frog, half rounded. Full lined. German silver wire grip.

No. 7F810 Full Size Violin Bow. Each $4.20
No. 7F810 ¾ Size Violin Bow. Each 4.20
No. 7F710 ½ Size Violin Bow. Each 4.20

VIOLIN BOW

This high grade Violin Bow is furnished in the Full and ¾ sizes as quoted. Carefully selected genuine Pernambuco stick, round, finished in dark Cherry color. Hand polished. Fine hand finished, genuine ebony, full German silver lined frog. German silver wire grip.

No. 7F526 Full Size Violin Bow. Each $7.80
No. 7F526 ¾ Size Violin Bow. Each 7.80

"ANTONIO LOVERI" VIOLIN BOW

High-grade genuine Pernambuco stick, hand rubbed to a semi-dull finish. Medium brown color, perfect workmanship throughout. Equipped with a fine genuine ebony frog, full lined with German Silver. Pearl slide and fine German silver screw. A high grade bow at a moderate price.

No. 7F531 Full Size "Antonio Loveri" Violin Bow. Each $11.20

VIOLIN BOW

Can be furnished in the Full, ¾ and ½ sizes, as quoted. German made Violin Bow, carefully selected Brazilwood stick, finished in dark brown Mahogany color, hand rubbed. Mahogany color leather grip. Full lined genuine ebony frog. Good set of hair. Very reliable bow.

No. 7F503 Full Size Violin Bow. Each $3.60
No. 7F503 ¾ Size Violin Bow. Each 3.40
No. 7F782 ½ Size Violin Bow. Each 3.40

VIOLIN BOW

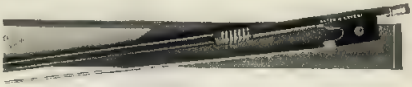
This fine Violin Bow is made only in the full size. It is a well made bow manufactured in large quantities, which permits this low price to prevail in this selling. Genuine Pernambuco stick, round. Fine oil finished, round pearl slide. Fiddlepoint, with full German silver lined ebony frog. German silver wire grip. German manufacture.

No. 7F524 Full Size Violin Bow. Each $6.30

'BAUSCH' MODEL VIOLIN BOW

This very high grade 'BAUSCH' Model Violin Bow is made in the Full size only. It is the bow preferred by many Artists. Genuine Pernambuco stick, carefully selected and well balanced. Round. Finished in dark mahogany color, fine hand polished. Hand finished, solid ebony frog lined with genuine silver. Silver wire grip and silver screw. Stamped "Bausch."

No. 7F538 Full Size Violin Bow. Each $14.70



'ANTONIO LOVERI" VIOLIN BOW

Carefully selected genuine Pernambuco stick, round, finished in medium brown color, hand rubbed semi-dull finish. Equipped with a fine genuine leather and whalebone grip, high grade genuine ebony frog trimmed in pure Sterling Silver, fancy pearl slide and head. Fine combination silver and ebony screw.

No. 7F534 Full Size, "Antonio Loveri" Violin Bow. Each $18.90

"KANT KRACK" SHELL VIOLIN CASE No. 7F10
(Furnished in the Full, ¾ and ½ Sizes)
Prices and description to right

"Kant-Krack" Shell Violin Case

Pictured to left

(Furnished in the Full, ¾ and ½ Sizes, as quoted)

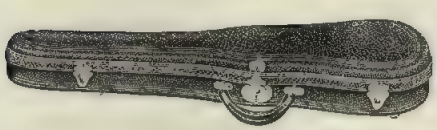
No. 7F10 Reliable Kant-Krack shell, covered with grained keratol, lined with good flannel, nickeled catches, lock and key, end pocket, steel retaining, spring bow holders $9.10
No. 7F10¾ Same as No. 7F10 case, but for ¾ size. Each 9.10
No. 7F10½ Same as No. 7F10 case, but for ½ size. Each 9.10

(Guaranteed) "Kant-Krack" Shell Violin Case

(Full Size only)

Same style as No. 7F10 "Kant-Krack" Case illustrated to left.

No. 7F29 Guaranteed best grade "Kant-Krack" shell, covered with fine grade of walrus grained Keratol, nickeled trimmings with lock and key. Lined with purple velvet throughout, padded bottom and sides, spring bow holders, full size only. Each $14.95

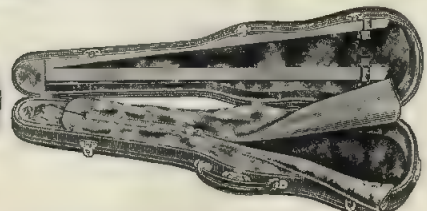


'KANT-KRACK' SHELL VIOLIN CASE

Very Strong — Light in Weight — Rich Appearing

Best grade 'Kant-Krack' shell covered with selected grade of keratol, walrus grained steel valance, fine nickeled trimmings, lock and key. Lined with genuine silk, full silk, padded bottom and sides, center and end pocket for strings and accessories. Spring bow holders. Excellently made and finished. An exceptional value at this price.

No. 7F30 Full Size Case. Each $10.45
No. 7F30¾ Same as above, except for ¾ size Violin. Each 10.45
No. 7F30½ Same as above, except for ½ size Violin. Each 10.45
No. 7F31 Same as No. 7F30, but with extra silk bow ribbons. Each 10.95
No. 7F32 Same as No. 7F31, but with extra silk bow ribbons and removable bottom pad. Each $10.50



"KANT-KRACK" VIOLIN CASE WITH HOOKLESS FASTENER PAD

Kant-Krack construction, covered with fine grade of walrus grained Keratol, inside lined with cotton plush and filled with hookless cover pad. Heavy nickel trimmings and leather handle. Very substantially constructed. Unusually well made and finished.

No. 7F08 For Full Size Violin, only. Each $20.00

Every Purchaser Is Assured of Extraordinary Value in These Violins at These Low Prices

This is a very extensive showing and should enable you to make a satisfactory selection. These instruments are nicely made and finished throughout. In the lower priced models some are furnished in Full, ¾ and ½ sizes as quoted. The ¼ size is acknowledged as being the correct and proper size for children ranging from 8 to 12 years of age; the ½ size is especially suitable for children from 8 years of age and under.
Cases, Bags and Bows are shown and quoted in this section on following pages.

A Size and Quality to Suit any Purse at a Real Saving

THE POPULAR LOW PRICED MODELS

German made Violin, dark old amber color. Spruce top, maple back and sides. Maple Neck. Good ebony finished trimmings. Medium grade, adjusted. Furnished in Full, ¾ and ½ sizes as quoted

No 7F312 Full Size, Each $10.70
No 7F313 ¾ Size, Each 10.70
No 7F312 ½ Size, Each 10.70

Model of dark brown color, artistically shaded. German manufacture; good spruce top with flamed maple back and sides. Purfling inlaid. Maple neck, good ebony finished hardwood trimmings throughout. Correctly adjusted, good appearance. Furnished in Full, ¾ and ½ sizes, as quoted

No 7F302 Full Size, Each $12.50
No 7F202 ¾ Size, Each 12.50
No 7F302 ½ Size, Each 12.50

German made instrument, good flame maple back and sides with well seasoned spruce top. Good flamed maple neck; ebony finished trimmings. Entire instrument finished in medium red mahogany color. Artistically shaded. Instrument carefully adjusted and suitable for beginners. Furnished in Full ¾ and ½ sizes as quoted

No 7F314 Full Size, Each $13.90
No 7F214 ¾ Size, Each 13.90
No 7F314 ½ Size, Each 13.90

Another splendid good German made violin with genuine ebony trimmings throughout. Good flamed maple back and sides with fine model, perfect proportions. Beautiful grain spruce top. Medium dark red mahogany color throughout. Furnished in Full ¾ and ½ sizes, as quoted

No 7F307 Full Size, Each $15.80
No 7F207 ¾ Size, Each 16.80
No 7F407 ½ Size, Each 16.80

Instrument of Tyrolean model, Schweitzer made. Fine flamed maple back with fine curly grain, two-piece model. Good grained spruce top and genuine ebony trimmings throughout. Instrument of medium dark red mahogany color, artistically shaded. Construction, workmanship and finish excellently made and finished. Furnished in Full ¾ and ½ sizes, as quoted

No 7F149 Full Size, Each $18.15
No 7F349 ¾ Size, Each 18.15
No 7F349 ½ Size, Each 18.15

Very difficult model violin of red mahogany color throughout, nicely shaded and highly polished. Well selected and flamed two-piece maple back and sides of flamed maple neck to match. Genuine ebony trimmings. Excellent model very fine workmanship throughout. Furnished in Full, ¾ and ½ sizes, as quoted.

No. 7F126 Full Size, Each $20.15
No 7F126 ¾ Size, Each 20.15
No 7F126 ½ Size, Each 20.15

"STAINER" model violin, finish of dark reddish color, very curly two-piece maple back and curly sides and neck to match. Entire instrument is hand-rubbed and has a wonderful appearance. The name "Stainer" is burnt into the back right below the neck. Full ebony trimmed throughout. Furnished in Full size only.

No. 7F142 Full Size Only, Each $26 80

Fine reliable German made instrument, carefully selected and matched flamed two-piece maple back with sides to match. Curly maple neck to match. Selected spruce top. Genuine ebony trimmings throughout. Entire instrument finished in dark mahogany color; strongly shaded somewhat in imitation of old. Except only fine workmanship and good tone. We highly recommend this instrument. Furnished in Full, ¾ and ½ sizes as quoted

No 7F130 Full Size, Each $23 50
No 7F230 ¾ Size, Each 23 50
No 7F350 ½ Size, Each 23 50

Exceptionally fine German made violin. Neat model and workmanship, wonderful tone. Carefully selected well seasoned material for the two-piece maple back with sides to match, fine curly maple neck and carefully selected spruce top. Genuine black ebony trimmed throughout. Finished in nice medium mahogany color somewhat shaded. Furnished in Full, ¾ and ½ sizes, as quoted.

No 7F136 Full Size, Each $27 50
No 7F236 ¾ Size, Each 27 50
No 7F336 ½ Size, Each 27.50

HIGHER-PRICED PROFESSIONAL VIOLINS

The World's Famous "Antonio Lovери" Violins which mean Everything to the Accomplished Violinist. Antonio Lovери violins are HAND-MADE by one of the best violin makers in Europe. Only the best Tone-Woods, thoroughly seasoned are used for these instruments.

Furnished in Full Size Only

"LOVERI" VIOLIN. Dark red mahogany color throughout, slightly shaded, fine curly two-piece maple back, with neck and sides to match, extra selected spruce top; genuine ebony pegs, nutpiece and purfling; good tone

No. 7F1004 Each $31 50

"LOVERI" VIOLIN. Imitation of old Tyrolean instrument, in dark nut brown color; strongly shaded and fine imitation of old. Selected two-piece, curly maple back with neck and sides to match. Carefully selected spruce top. Genuine ebony trimmings, suitable for solo work.

No. 7F1006 Each $39.50

"LOVERI" VIOLIN. Brilliant mahogany color, highly polished, artistically shaded, exceptionally fine curly maple back with sides and neck to match, well seasoned spruce top, genuine ebony trimmings, very handsome model and especially suitable for ladies

No 7F1007 Each $48.80

"LOVERI" VIOLIN. Rich brown mahogany color, slightly shaded, exceptionally fine two-piece maple back, neck and sides carefully selected to match. Fine close grain, spruce top, best ebony trimmings throughout. A wonderful instrument both in workmanship and material

No 7F1013 Each $51 50

"LOVERI" VIOLIN. Exact copy of old Italian Master Violin. Nut brown color; strongly shaded and in imitation of old. Carefully selected curly one-piece back with sides and neck to match. Extra selected, close grain, spruce top; the best ebony trimmings. Very handsome model.

No. 7F1012 Each $59.50

Genuine Hand Made "Ernst Reinhold Schmidt" Violins

Generally Accepted as America's Favorite in Imported Violins

These Violins have been on the American market for the past thirty years and are well known amongst the accomplished violinists and in the trade. They are strictly HAND-MADE, beautiful and the tone exquisite.
Each model quoted below is equipped with the finest ebony trimmings and each instrument bears the label of the maker.
The models quoted below were selected because of their superiority of tone, unusually fine workmanship and excellence in finish. Coupled with this are extremely low prices, which make this offering so attractive.

Furnished in Full Size Only

"ERNST REINHOLD SCHMIDT" VIOLIN Stradivarius model, very fine curly maple, single-piece back; fine curly spruce top instrument finished in a rich dark brown color and artistically shaded. It is the Ernst Reinhold Schmidt quality throughout and is priced very low

No 7F829 Each $48.80

"ERNST REINHOLD SCHMIDT" VIOLIN Guarnerius model, carefully selected flamed two-piece maple back fine spruce top. This model is of dark reddish medium brown color, slightly shaded and highly polished. Workmanship and finish are excellent.

No. 7F830 Each $60.80

"ERNST REINHOLD SCHMIDT" VIOLIN Stradivarius model very fine curly maple, single-piece back; instrument finished in a rich nut brown color imitation of old. Very attractive in appearance and possessing a full and good tone

No. 7F831 Each $75.50

"ERNST REINHOLD SCHMIDT" VIOLIN Guarnerius model, extra selected fine flamed single-piece back, with sides and neck to match. Carefully selected spruce top. Instrument finished in dark brown color, in imitation of old. The fine workmanship and rich tone, notwithstanding its handsome appearance, make this a very propose-ing model

No 7F832 Each $108 50

EVANS

P1705— Stone set brooch pin with genuine Viennese enamel bord safety at non tarnishing green gold finish $2.25 ea.

B1700 Pendant ear drops, contrasting stone set with genuine Viennese enamel borde non tarnishing green gold finish $3.75 pr.

E1706 Pendant ear drops contrasting stone set, with genuine Viennese enamel border, non-tarnishing green gold finish. $3.75 pr.

N1700— Pendant necklace contrasting stone d with gen ne enamel bor drop safety clasp non tarnishing green gold finish $9.00 ea.

N1702—Pendant style necklace in ge uine contrasting Viennese enamel with contrasting st es enamel link cha safety barrel clasp non tarnishing green gold finish $9.00 ea.

N1703 Pendant style ne k ce contrasting genuine Viennese enamel w h stones, safety ba el clasp, non-tarnishing green gold finish $6.00 ea.

N1704 Pendant necklace, genuine Viennese enamel and border set with gen ne Mu ent enameled link chain safety barrel clasp, non-tarnishing G brenium finish. $5.00 ea.

N1701 Pendant style neck ace n genuine Viennese enamel Japanese design with stones set ety barrel clasp, non-tarnishing green gold finish $6.00 ea.

N1705—Pendant style necklace in genuine Viennese Jade enamel harmonizing stones with enamel links, safety barrel clasp, non-tarnishing green gold finish. $9.00 ea.

B1700—Bracelet set with contrasting stones with genuine Viennese enamel border, non-tarnishing green gold finish $9.00 ea.

Illustrations three-fourth size.

The LINE with the STERLING TOUCH

EVANS

B1706—Stone set bracelet in combination with genuine Viennese enamel borders and connecting links, non-tarnishing chrome finish $7.50 ea.

P1705—Bracelet to match, stone set in combination with genuine Viennese enamel borders to match, non-tarnishing chrome finish $12.45 ea.

N1708 Pendant necklace, stone set in rhinestone with genuine Viennese enamel borders and connecting links, safety barrel clasp, non-tarnishing chrome finish. $9.00 ea.

E1704 Pendant ear drops, stone set with genuine Viennese enamel border and connecting link, non-tarnishing chrome finish $3.75 pr.

E1706—Pendant ear drops, stone set with genuine Viennese enamel border and connecting link, non-tarnishing chrome finish $3.75 pr.

N1707—Pendant style necklace in genuine Viennese enamel, harmonizing stones, safety barrel clasp, non-tarnishing green gold finish. $6.00 ea.

N1709 Pendant style necklace in genuine contrasting Viennese enamel in combination with genuine Marcasite, safety barrel clasp, non-tarnishing chrome finish $12.00 ea.

N1710—Pendant style necklace, stone set in contrasting colors, Viennese enamel border safety barrel clasp, non-tarnishing chrome finish $8.00 ea.

N1705—Pendant style necklace in French enamel set in egg shell design with harmonizing stones, safety barrel clasp, non-tarnishing green gold finish $5.25 ea.

N1711—Pendant style necklace, stone set in combination with genuine Viennese enamel border, harmonizing stones set links, safety barrel clasp, non-tarnishing green gold finish. $9.00 ea.

Illustrations three-fourth size.

The LINE with the STERLING TOUCH

EVANS

P1700 Stone set brooch gilt with genuine Viennese enamel border safety catch non-tarnishing green gold finish $2.25 ea.

E1700 Pendant ear drops, contrasting stone set with genuine Viennese enamel border non-tarnishing green gold finish. $3.75 pr.

E1706 Pendant ear drops, contrasting stone set with genuine Viennese enamel border non-tarnishing green gold finish. $3.75 pr.

N1700—Pendant necklace, contrasting colored stones with genuine Viennese enamel borders safety barrel clasp, non-tarnishing green gold finish $5.00 ea.

N1702 Pendant style necklace in genuine contrasting Viennese enamel with burnished gold, enamel link chain, safety barrel clasp, non-tarnishing green gold finish $9.00 ea.

N1703 Pendant style necklace contrasting genuine Viennese enamel with chain safety barrel clasp, non-tarnishing green gold finish $6.00 ea.

N1701 Pendant necklace genuine Viennese enamel and other stones with genuine Viennese enameled link chain safety barrel clasp, non-tarnishing Cheruzium finish $15.00 ea.

N1704 Pendant style necklace in genuine Viennese enamel Japanese design with chain safety barrel clasp, non-tarnishing green gold finish $6.00 ea.

N1705—Pendant style necklace in genuine Viennese Jade enamel, harmonizing stones with enamel links, safety barrel clasp, non-tarnishing green gold finish $5.00 ea.

B1700—Bracelet set with contrasting stones with genuine Viennese enamel border, non-tarnishing green gold finish. $9.00 ea.

Illustrations three-fourth size.

The LINE with the STERLING TOUCH

EVANS

N1795—Stone set bracelet in combination with genuine Viennese enamel borders and connecting links, non-tarnishing chrome finish. $7.50 ea.

N1796 Pendant style necklace in genuine Viennese enamel borders and connecting links, stone set in combination with genuine Viennese enamel borders and connecting links, safety barrel clasp, non-tarnishing chrome finish $9.00 ea.

N1797 Pendant style necklace in genuine Viennese enamel borders and connecting links, stone set in combination with genuine Viennese enamel borders and connecting links, safety barrel clasp, non-tarnishing green gold finish $6.00 ea.

N1798 French pin stone set in combination with genuine Viennese enamel borders and connecting links, safety barrel clasp, non-tarnishing chrome finish $2.65 ea.

N1705 Pendant style necklace, stone set with genuine Viennese enamel border and connecting link, non-tarnishing chrome finish $3.75 pr.

N1704 Pendant style necklace, stone set with genuine Viennese enamel border and connecting link, non-tarnishing chrome finish $4.25 pr.

N1709—Pendant style necklace in genuine coin sterling Viennese enamel in simulated jade with genuine Marcasite safety barrel clasp, non-tarnishing chrome finish $12.00 ea.

N1710 Pendant style necklace, stone set in contrasting colors, Viennese enamel border safety barrel clasp non-tarnishing chrome finish $9.00 ea.

N1306 Pendant style necklace in French enamel with mix shell design with barrel clasp, safety barrel clasp, non-tarnishing green gold finish $3.25 ea.

N1711 Pendant style necklace stone set in combination with genuine Viennese enamel border, tarnishing stone set clasp, safety barrel clasp, non-tarnishing green gold finish $9.00 ea.

Illustrations three-fourth size.

The LINE with the STERLING TOUCH

J

FLASHLIGHTS

Made with Octagon Heads, prevents rolling, Flash and Lock Switch, Hanger Ring at base. Used extensively by inspectors, police, watchmen and others who need a powerful light that is light in weight. Strong and sturdy, beautifully finished, and give an unusually bright light that can be depended upon.

METAL CASES

Eveready

Colors—Black, Rose, Green, Blue.

NO.	Size In.	Battery	Bulb	Oz. Ea.	EACH
2602	1¾x5	2 No. 935	1197	6¾	$1.15
C2602	Case & Bulb (less battery)	3			.95

Eveready—Black

NO.	Size In.	Battery	Bulb	Oz. Ea.	EACH
2604	1¾x6¾	2 No. 950	1198	11	$0.95
C2604	Case & Bulb (less battery)	4			.75

Eveready—Black

NO.	Size In.	Battery	Bulb	Oz. Ea.	EACH
2612	1¾x8¾	3 No. 950	1193	5	$1.75
C2612	Case & Bulb (less battery)	6			1.45

Eveready—Miners' Type—Black

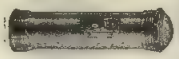
NO.	Size In.	Battery	Bulb	Oz. Ea.	EACH
2660	5¾x1¼	2 No. 935	1197	7	$1.25
C2660	Case & Bulb (less battery)	4			1.05

Eveready—Black

NO.	Size In	Battery	Bulb	Oz. Ea.	EACH
2616	1¾x6¾	2 No. 950	1198	15	$1.50
C2616	Case & Bulb (less battery)	8			1.30

Eveready—Black

NO.	Size In.	Battery	Bulb	Oz. Ea.	EACH
2619	1¾x6¾	3 No. 950	1193	20½	$2.00
C2619	Case & Bulb (less battery)	10			1.70



Eveready

Colors—Red, Blue and Green.

NO.	Size In.	Battery	EACH
2605	1¾x6¾	2 No. 950	$1.15
C2605	Case & Bulb (less battery)		.95

Eveready—Boy Scout

(Olive Drab Finish)

NO.	Size In.	Battery	Bulb	Oz. Ea.	EACH
2697	7x1¾	2 No. 950	1161	14	$2.00
C2697	Case & Bulb (less battery)			8	1.80

Eveready—Swivel Head—Focusing

300 ft. range. Swivel head can be set in any position. Black enamel case.

NO.	Size In.	Battery	Bulb	Oz. Ea.	EACH
2685	6¾x1¾	2 No. 950	1161	18	$3.00
C2685	Case & Bulb (less battery)			10	2.80

Eveready—Pocket Type

NO.	Size In.	Battery	Bulb	Oz. Ea.	EACH
6993	3x2¼x1	2 No. 935	1182	6	$2.00
C6993	Case & Bulb (less battery)			3	1.80

Eveready—Focusing

A focusing light with a range of 200 feet. Colors—Black, Red, Green and Blue.

NO.	Size In.	Battery	Bulb	Oz. Ea.	EACH
2671	6¾x1¾	2 No. 950	1161	18	$1.50
C2671	Case & Bulb (less battery)			10	1.30

Eveready—Black Enameled Case

A focusing light with a range of 300 feet.

NO.	Size In.	Battery	Bulb	Oz. Ea.	EACH
2672	1¾x9¾	3 No. 950	1162	22	$2.50
C2672	Case & Bulb (less battery)			12	2.20

RADIO TUBES

L

Type GS 199

Type GSX 199

Type GSX 112

Type GSX 120

Type GS199

General service tube in all sockets of sets, supplying 3.3 volts to the filament terminals. Has short prongs, narrow base, with pin in side of base. To use in old type socket.

Fil. Voltage, 3.3, Fil. Amp., .06; B Bat. Vol. Det. 22½ to 45; B Bat. Vol. Ampl., 45 to 90.

Type GSX199

General service tube in all sockets of sets, supplying 3.3 volts to the filament terminals. Has long prongs, narrow base, with pin in side of base. To use in old type socket.

Fil. Voltage, 3.3; Fil. Amp., .06; B Bat. Vol. Det., 22½ to 45; B Bat. Vol. Ampl., 45 to 90.

NO.	Base	Oz. Each	EACH
GS199	Short Prong	3	$2.25
GSX199	Long Prong	3	2 25

Type GSX 201A

Type GSX 200A

Type GSX200A

Latest type detector tube. For use as detector only, gives superior strength on weak signals. Highly desirable for distance.

Fil. Voltage, 5; Fil. Amp., 25; Plate Voltage, 22½ to 45.

Type GSX201A Amplifier

Designed as a general purpose tube in all sockets of sets equipped with five filament terminal volts.

Fil. Voltage, 5; Fil. Amp., 25; Det. Plate Vol., 22½ to 45; Ampl., 45-130.

NO.	Oz. Each	EACH
GSX200A	3	$4.00
GSX201A	3	1.25

All packed one in a box.

Type GSX112

High power tube for use in last stage of audio amplification. Gives increased volume without overloading. Can also be used to advantage in other stages of amplification.

Fil. Volts, 5; Fil. Amp., .50; Plate Voltage, 90-157.7; Normal, 135; Grid Voltage, 4.5 to 10.5; Normal, .9.

Type GSX120

Use exclusively in the last audio socket of sets using 199 type tubes in the preceding sockets.

Fil. Voltage, 3.3; Fil. Amp., .125; Plate Volts, 135; Grid Volts, 22.5.

NO.	Oz. Each	EACH
GSX112	3	$2.25
GSX120	3	2.50

Type GSX 171

Type GSX 216B

Type GSX 280

Type GSX171

Designed especially for the last audio stage, irrespective of preceding method of connecting sockets.

Fil. Voltage, 5; Fil. Amp., .50; Plate Voltage, 90 to 180.

Type GSX216B

Exclusive use in battery eliminators to accomplish rectification of alternating currents to direct current for half-wave rectifiers only.

Fil. Term. Volts, 7.5; A Bat. Current Amps., 1.25; Max. A.C. Vol. Pl. to Fil., 550.; Max. D.C. Load Current (Milliamperes), 65.

Type GSX210

Giant power tube. Designed for super-power amplication.

Fil. Voltage, 6-7½; Fil. Amp., 1.25; Plated Voltage, 135 to 350.

NO.	Oz. Each	EACH
GSX171	3	$2.25
GSX216B	4	7.50
GSX210	4	9.00
GSX280	3	3.00
GSX281	4	7.25

All packed one in a box.

F

F. & N. LAWN MOWERS

FENDEN QUALITY

The F. & N. line of Lawn Mowers is the perfected result of more than fifty years' experience of experts in this class of construction, and all of them are guaranteed to give the purchaser absolute satisfaction. All material used is the best for the purpose. Every part is machined and accurately fitted.

THE CUTTER BAR ADJUSTMENT is by means of two screws, both on top of the mower in plain view, and convenient to the operator.

THE CUTTER BAR—The cast bed of the cutter bar is accurately ground and the steel cutting knife attached with rivets headed up with a new spinning device, drawing the blade closer to the bar yet never cracks the casting.

THE REELS OR REVOLVING CUTTERS are of the highest grade crucible tool steel, having concave steel edges which maintain a perfect cutting edge as the machine is sharpened.

GRINDING BLADES—All blades are of razor steel, tempered in oil, and ground under running water to preserve the temper, and are self-sharpening.

REEL SPIDERS are of malleable iron, firmly attached to shaft by riveting through each hub and the shaft.

BALL CASES are of steel, case-hardened, ground, polished, and when set up are packed in vaseline.

BALL-BEARING CONES are all case-hardened or "carbonized," making the surface of the cone so hard that it will not show wear in the life of the machine.

PINIONS have deep cut teeth, engaging firmly and strongly in the gearing of the wheel, giving long life and durability.

PAWL—The pawl is case-hardened with a lock lip that makes it impossible to slip.

ROLLER BRACKET AND ROLLER — The roller bracket is of malleable iron built with a gudgeon entering a hole in the polished roller, eliminating split rollers and noise.

AUTOMATIC BALL BEARING ADJUSTMENT—The reel bearings on all our Ball Bearing Mowers are equipped with a new patented Automatic Adjustment. It consists of a case-hardened steel spring working against a contracting metallic sleeve, around the shaft and inside the cone. At the instant all looseness is taken up by the spring, the sleeve grips the shaft, thus preventing any further pressure than is required for the most delicate adjustment, permitting the reel to revolve with perfect freedom. Throughout the life of the mower this adjustment continues to accommodate itself to conditions, keeping the bearings always adjusted to a nicety, without the slightest attention from the operator.

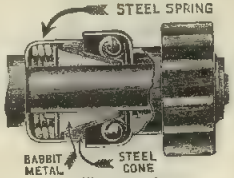
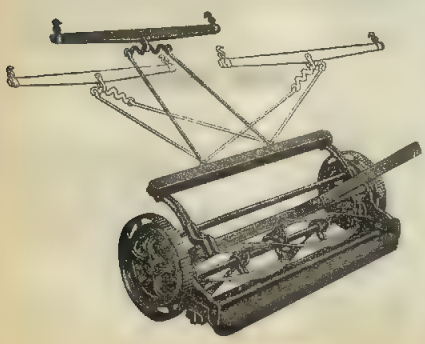


Illustration of Automatic Ball Bearing Adjustment. No Screws to Lose Out.

Illustration Showing Cutter Bar Adjustment

F. & N. HORSE POWER LAWN MOWERS

CRESTLAWN PONY—Ball Bearing



The Horse Attachment

Each mower is equipped with our patented horse attachment. This can be adjusted quickly and in such a manner that in operation the mower is held to the ground and the disagreeable "tipping up" of the rear of the machine is impossible with the Crestlawn.

Our attachment affords another great advantage, which is shown in the illustration—that of the horse walking in the middle front or to either side of the mower, and yet maintaining at all times an equal and central draft.

Drive wheels, 11 inches high. Width of cut, 30 inches. Diameter of reel, 6 inches. Reel axle, ¾-inch. Double riveted malleable reel braces.

The reel is made with four revolving knives of finest crucible steel, oil tempered, and self-sharpening. It revolves in adjustable bronze bearings.

Beautifully finished in light green and gold bronzes with red decorations.

Sold on an absolute guaranty to give satisfaction.

NO.	Size	Wgt. Each	EACH
CH30	30 in.	150 lb.	$75.00

FRUIT PICKING BAGS

COVINA

G

Bottomless; D-shaped top opening; operated by draw cord at bottom, which is attached to hook at mouth by rings; bottom is fastened by cord and wires to prevent spilling

NO.	Capacity	DOZEN
1C	½ box oranges or lemons	$29.00
2C	1 box oranges or lemons	45.00

Made to order only.

WILSON

G

Nos. OW to 3W

Open bottom; each corner secured by a chain which attaches to an adjustable chain, allowing bag to be enlarged as it fills up. Releasing the chain opens bottom of bag. No. OW has double cord and wire loop instead of chain.

NO.	Capacity	DOZEN
1W	½ box oranges or lemons	$28.00
2W	¾ box oranges or lemons	32.00
3W	1 box oranges or lemons	36.00

WOODWARD

The folded bottom is held by spring steel side rods until filled; unhooking side rods lowers the bottom and fruit is quickly emptied. Well padded, light and flexible.

NO.	Capacity	DOZEN
02	1 box oranges or lemons	$35.00

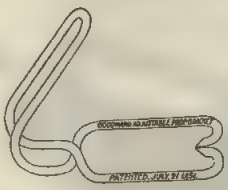
MOSHER

F

Malleable iron jaws. Wrought iron pipe standards, Japanned, steel spring; holds all sizes of bags from a 48-lb. flour sack to a 6-bushel bag. Will not tear the bag.

NO.	Wt. Each	EACH
F-1	20 lb.	$10.00

TREE PROPS



The simplest and most durable tree prop. Made of ¼-in. copper-ed steel wire, with sharp prongs. May be fastened to any piece of timber up to 2-in. thick and easily adjusted to any height.

G

NO.	Wgt. 1000	THOUSAND
2W	106 lb.	$32.00

Five hundred in a case.

A Headliner Among Quality Dolls

THE FAMOUS

FAERIE PRINCESS

Also a wonderful assortment of Strictly Quality "Child's" Doll Creations you can't afford to miss. Write today.

CHARLES THIERER, 153-155 Spring St., N. Y.

SEE THE COMPLETE LINE AT THE

CHICAGO TOY FAIR

HOTEL MORRISON — ROOM 435

Jos. Welson, Sale Dist.

EVERBEST

XMAS TREE OUTFITS

Write for details of our new Innovation of this year's CHRISTMAS TREE LIGHTING OUTFITS

Complete line of indoor and outdoor sets equipped with the Latest MAZDA TUNGSTEN LAMPS. We also supply loose MAZDA TUNGSTEN LAMPS for replacement purposes.

FLASHLIGHT BATTERIES

Standard, Longevity, Flashlight Unit, Battery Cells.

No. 125, 15/16" x 1 13/16"
No. 150, 1 1/4" x 2 5/16"

One price for either size .... Helps you merchandise!

Send for Samples

EVERBEST BATTERY CO., Inc.

(MANUFACTURERS)

257-265 West 17th Street New York

ELECTRICITY *Makes It* FLY!

Here is a model plane that makes 'em all stop and watch. It's electrically operated and propelled and when the motor is put in operation the plane glides swiftly over the floor and takes to the air, flying in a circular area of 9 feet. High grade toy departments are sure to be interested in this ingenious new plane. Write today.

A. E. RITTENHOUSE CO.

HONEOYE FALLS, N. Y.

Hatheway & Co., General Sales Agents

225 Varick St., New York City.

PETSON

TRADE MARK

STAPLE WOOD TOYS at LOW PRICES

HEADQUARTERS for 1c to 25c SELLERS

	Retail		Retail		Retail
TOPS, Spinning	1c to 3c	MOVING HORSE TRUCKS	15c & 25c	AUTO TRUCKS	15c
TOPS, Comeback	5c to 10c	BASSINETTES	10c	WHEEL BARROWS	15c
TOPS, Ball	10c	ACROBATS	5c	RING TOSS GAME	25c
CHECKERS	10c	WAGONS	15c	CABARET MALLETS	
HOCKEY STICKS	10c	BLOCKS	15c		
DUMP CARTS	15c				

F. W. PETERSON COMPANY

EST. 1907—WOOD GOODS

Office and Showrooms: 83 Spring St., New York

WRITE for Jobbers PRICES

BUTLER DOLL STANDS

Are More Than Ever the Favorite of America's Leading Buyers

Buyers everywhere in increasing numbers continue to specify Butler Doll Stands because of their reputation for durability and the important construction features that insure easy adjustability. They combine all the essentials of a good fixture and help you sell more dolls because they display them to the best advantage. It pays to always have an adequate supply on hand.

ORDER FROM YOUR JOBBER

BUTLER DOLL STAND COMPANY
Dep't. H
208 SO. EAST AVE. OAK PARK, ILL.

See the New Things in

CHILDREN'S PLAYROOM FURNITURE

"Many New Features Added To the Line This Year"

Displayed at

2000 Carroll Ave. CHICAGO
221 Fourth Ave. NEW YORK

VILAS-HARSHA MFG. CO.

I AM A BONSER DOLL

BUDDY BONSER IN HIS NEW BOX

BUDDY, more than 18 inches long, dressed in rayon, can be retailed at $1.00. The box makes a display doll-stand.

Packed in colorful assortment with BOBBY and BETTY BONSER.

Write for Samples

BONSER PRODUCTS Inc.
Mineola New York

Master's Sensational

PUNCHBOARD PARTY GAMES

A riot of fun for all social occasions. They sell like hot cakes. Our prices give you BIG PROFITS.

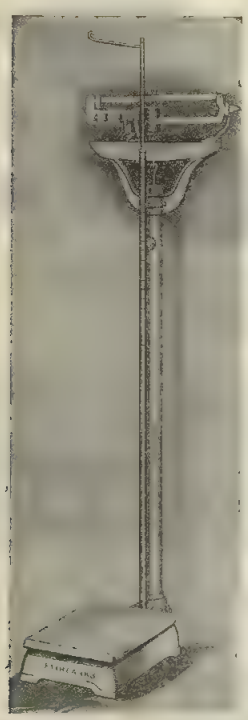
A. MASTER
MANUFACTURER
91 South 9th St., Brooklyn, N. Y.

25c RETAIL QUANTITY PRICES ARE RIGHT

10c RETAIL QUANTITY PRICES ARE RIGHT

F SCALES

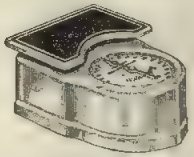
HEALTH



The Fairbanks home health scale is designed to meet every requirement for personal use Can be placed in the bathroom or bedroom allowing members of the family to be weighed under the same conditions of dress. Durable white enamel finish. Mounted on a tall iron pillar on a level with the eyes, the arrow-tipped beam is easily read, full capacity of 300 pounds by ¼ pound upon a double bar which eliminates the use of loose weights; nickel plated brass sliding poises; nickel plated brass, adjustable and accurate rod for measuring height, graduated in ¼ inches from 2 feet 6 inches to 6 feet 6 inches.

NO.	Platform In.	EACH
1265	10½x14	$70 00

BATHROOM SCALE



Health-O-Meter De Luxe

Built close to the floor and completely housed by a one-piece heavy seamless shell of rust-resisting steel. Rack pinion and bearings are of hardened steel. Two springs used in spring suspension. Patented dial is large and legible. Finished in popular tones of white, green, blue, orchid, ivory and pink.

NO.	Ht. In.	Platform In.	Cap. Lbs.	Lbs Ea.	EACH
166	6	7x11	250	31	$14.85

Health-O-Meter

Sturdily constructed, handsomely enameled in white. Legible glass covered dial; registers instantly and automatically. Top of green cork. Available also in colors of Duotone, Green, Blue, Pink, Orchid, White.

NO.	Size In.	Cap. lb	lb Ea.	EACH
160	8x10x12	250	22	$22.00

Universal

Heavy ribbed cast iron back frame. Heavy cast iron, non-tip base. Back cover sheet metal. Adjustment screw at back of scale. Rotary dial, large red and black figures are easily read. Cork mat on platform. Quick stop vibration absorber. Finished in white enamel with blue and gold medallion on front of dial housing. Weight chart with each scale.

NO.	Size In.	Cap. lb	lb Each	EACH
9300	8½x10½x7½	300	23	$12.50

One in a shipping carton.

SCALES F

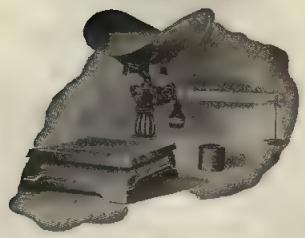
COUNTER

Fairbanks

Cast iron frame, platform and standards, highly finished in black enamel, striped and ornamented in gold. Nickel plated double beam, sliding poises and scoop balance. Large brass scoop with base, platform 12x15 in.

NO.	Capacity	Wt. Each	EACH
507	250 lb.x1 oz.	23 lb.	$69 00

One in a case.



Fairbanks

Combination platform and scoop, iron frame, polished single brass beam, hanging poise, frame enameled and decorated, gold striped, tempered steel bearings, conforms to the weight laws of California.

No.	Capacity	Each
508	240 lbs.	$32 50

COUNTER

Fairbanks

Complies with State and Federal laws. Pivots and bearings of hardened steel. Beam solid brass. Tin scoops. Red japanned and gold ornamented.

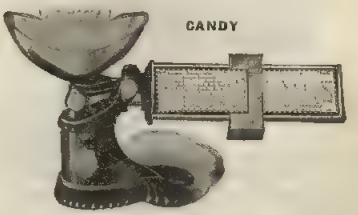
NO.	Capacity	EACH
4450	240 lb. 4 oz.	$29.00

Fairbanks

Designed for grocers use. Equipped with a 6 inch round iron weight plate and seamless brass scoop. Nickel plated loose weights. Maroon enamel finish.

NO.	Cap. lb	EACH
715	6	$27 60

CANDY



Superb

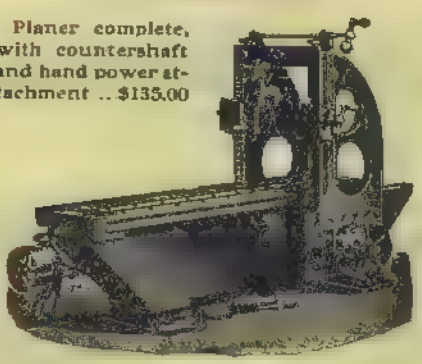
A new computing scale with adjustable beam; turns to any angle. Computes cost from .05 to .60 cents per lb. Nickel plated mountings, brass scoop. Sliding poise with fine wire thread indicator.

NO.	Capacity	Wt.	EACH
Superb Candy	2 lb.	7 lb.	$18.00

One in a carton.

Federal Bench Planer

Planer complete, with countershaft and hand power attachment .. $135.00



No originality is claimed for this machine. The design is but the embodiment of the best practice of to-day.

In offering this planer we think we have a tool that will meet with the approval of mechanics. This planer can be used in many shops, both large and small, to hand e certa n work expedit ously. The bar is very heavy and strong, the head has an automatic cross feed in either direction, and a graduated swivel which can be set at any angle and locked in the usual manner. Every planer is set up and run before leaving the shop and all parts are e asily inspected. All the gears are cut, the pinions and rack are of steel, all the flat wearing surfaces are scraped. The table is gibbed down to prevent lifting, and has three standard T-slots cut from the solid and four rows of ⅜-inch holes, jig drilled and reamed. Full width of table, 9 inches; distance between pockets, 30 inches; extreme length, 36 inches. Driven by a steel rack 36 inches long, 1¼ inches face. Bull gear, 7 inches diameter by 1¼ inches face.

Distance between housings, 10⅝ inches. Extreme length of bed 44⅜ inches by 8 inches deep. Total height of planer, 29¼ inches. Diameter of driving pulleys, 8 inches; diameter of reverse pulleys, 5¾ inches. Countershaft has tight and loose pulleys 5 inches in diameter by 2-inch face. The countershaft should run 635 revolutions per minute. Ratio of driving belt speed to cutting speed 37 to 1.

Planer complete, with Countershaft and Hand-Power Attachment .. ..net $135.00

Federal Planer Chuck

Jaws, 6 inches long; opening, 4 inches. Swivel graduated base. All screws are made of steel.

Net .. $13.50

Federal Planer Centers

These are substantially and accurately constructed. Swing, 6 inches. Graduated tilting head, indexed, dividing circles into 24 divisions.

Net .. $16.20

BENCH.—A stand or bench can be furnished for Federal Planer at $19.80 net

EUREKA SCOTCH GAUGE GLASSES. The kind we sell are made at Peterhead, Scotland, and are genuine Scotch Gauge Glasses. Are you sure the Scotch Gauge Glasses you are now using are made in Scotland? (See index in front of book.)

MONTGOMERY & CO., 105 & 107 LIBERTY STREET, NEW YORK CITY
(Consult Index). Mention "Tool Monger" No. 30 when ordering from this book.

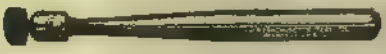
Tool Wrench

No. 66

This Tool Wrench, made of steel, is constructed so as to *hold* about anything that can be put into it in the line of taps, reamers, drills, etc. Takes in round, square, or oval. Tool is about 3 inches long, and takes up to ⅜ inch. Screw hardened cast steel. Body case hardened.

Price, each..... $.38

Drill and Reamer Holder



This little tool is exactly what one is "always looking for" to hold small stock or tools in the lathe or drill press. It is made in three sizes. Screw hardened cast steel. Body case hardened.

		Price
No 67	Diam handle ¼ inch, length 3¾ inches, holds ⅛ inch	$ 18
No 68	Diam handle ⅜ inch, length 4¼ inches, holds ¼ inch	25
No 69	Diam handle ½ inch, length 5¼ inches, holds ⅜ inch	37

Toolmakers' Punch

No. 65

This little tool is one of great convenience in laying out precision center work, for fine drilling. It has a slot and a hole milled and drilled so that an exact center can be verified, and at the same time the punch kept directly perpendicular to the space to be drilled; an absolute necessity in the finest class of work. Tool is well finished and one that will be most useful. Punch made from best quality cast steel properly tempered. Base hard gray iron.

Price, each..... $0.37

Double Centering Punch

No. 97

This tool was designed to facilitate the marking of holes, in opposite sides of round or square work for precision drilling from two sides. The V-slide is removable. Bottom punch, held up by spring into hole first made by top punch, makes the two holes come exactly opposite each other. The use of this device insures accuracy and rapidity on a class of work heretofore requiring much bother and delay in accomplishing.

Price, each..... $1.90

Shipping weight, 1¾ pounds.

The Hudson "Lear" Bolt Fastener is one of newest fasteners and has been selling readily. It looks as though it might be a "winner." (See index in front of book.)

MONTGOMERY & CO., 105 FULTON STREET, NEW YORK CITY
(Consult Index). Mention "Tool Monger" No. 30 when ordering from this book.

INDUSTRIAL HORNS

Extensively used in factories, mills, mines, office buildings, warehouses, etc.—or railroads, farm ships and bridges, and by boards of education, armies, navies, police departments and fire departments, both in this country and abroad.

The types shown can be furnished to operate on electrical current of 6 to 230 volts D. C. and 12 to 440 volts A. C. Their weatherproof housings are fitted with brackets for wall mounting and are tapped for conduit. The instruments are finished in fire red enamel and are identical in all respects except their projectors.

Klaxon

Type "WS" has a short projector, producing a shrill note of great penetrating power. It is especially fitted for indoor use, under severe noise conditions.

NO.	Length	Wt. Ea.	EACH
*WS	7½ in	13 lb.	$35.00

Klaxon

Type "W" is furnished with a ram's horn shaped projector, which directs its deep note downward. It is suitable for overhead or outdoor use.

NO	Length	Wt. Ea.	EACH
*W	12 in.	18 lb.	$35.00

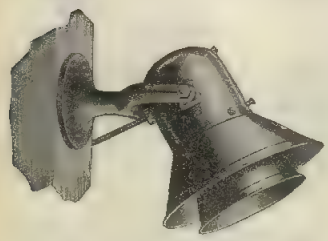
Klaxon

Type "WL" is furnished with a long projector. It has a deep, penetrating note of great carrying power and is particularly recommended where long distances are to be covered.

NO.	Length	Wt. Ea.	EACH
*WL	14½ in.	18 lb	$35.00

All packed one in a box.

FEDERAL SIRENS



Double—Weatherproof

All parts are weatherproof. Operating mechanism entirely encased. Aluminum revolving fan or rotor. Supplied with adjustable brackets so it may be attached anywhere and the sound directed as desired. Especially practical for clearing the road for fire apparatus, or for use on the apparatus directly. **We furnish special bracket for use on fire apparatus. No additional charge.**

Brass or copper horns and motor housing, polished or nickel finish, $12.50 extra.

NO.	Voltage	Length	Diam.	Wt. Each	EACH
*A-O	6 to 250	17 in.	10 in.	15	$50.00

All packed one in a box.

Single—Weatherproof

This is the ideal siren for use on fire department apparatus, for grade crossing signals where operation from storage battery is desirable and for fog signals on motor boats and yachts. The peculiar tone of the Type "A" Federal Siren may be heard approximately one-fourth of a mile.

Used on submarines, ambulances, fire and police apparatus and as fog signals.

NO.	Voltage	Length	Diam.	Wt. Each	EACH
*A-S	6 to 250	14 in.	5 in.	15 lb	$52.50

All packed one in a box.

*Not carried in stock, ordered special from Factory

Prices are F.O.B. Factory—State Voltage, Phase and Cycle When Ordering.

L

AERMORE HORNS

Built on the pipe organ principle. The four tones sounded together produce a pleasing chord easily heard over the din of traffic or in the country. Complete with valve.

Easily installed, nothing to get out of order. A great favorite with discriminating motorists.

The Aermore is rapidly becoming very popular with tractor owners who find it just the signal for their purposes.

Motor Bus Special—Complete with hand control.

NO.	Length	Wt. Each	EACH
000	22	8½ lb	$16.00
00	17½	6½ lb	14.00

For 40 H. P. Automobiles.

NO.	Length	Wt. Each	EACH
0	17 in.	4½ lb.	$12.00

For 30 to 40 H. P. Automobiles

NO.	Length	Wt. Each	EACH
1	15 in.	3½ lb.	$10.00

For Ford and all Lighter Cars

NO.	Length	Wt Each	EACH
2	13 in.	3 lb.	$7 00

State size of exhaust pipe, O. D. measurement.
One in a box.

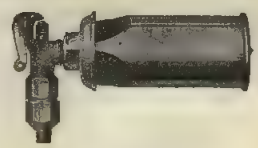
HORN VALVES

This style is used when making attachment between engine and muffler by cutting a section of the exhaust pipe and inserting valve. So made of malleable iron, carefully machined to fit the exhaust pipe accurately. A cup point set screw at each end of valve is additional security. This connection is the better and we recommend it on all cars when it is possible to install in this position.

NO.	Size	Wt Each	EACH
150	1½ in.	2½ lb	$2.50
158	1⅝ in.	2½ lb.	2 50
175	1¾ in.	2¾ lb.	2.50
200	2 in.	2¾ lb.	2.50
225	2¼ in.	2¾ lb.	2 50
250	2½ in.	3 lb.	2.50
300	3 in.	? lb.	3.50

One in a box.

EXPLOSION WHISTLES



Chime

The Chime Signal Whistle is distinctly a high-class product of unusual merit. It is made from the very best of aluminum and bronze, of excellent workmanship and nickel plate, is not to be classed among the cheap grade of auto accessories. Complete with valve.

NO.	Pipe	Wt Each	EACH
60	¼ in.	1 lb.	$6.00

One in a box.

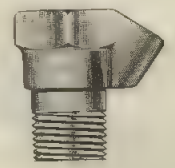
Single Tone

The Signal Whistle is distinctly a high-class product of unusual merit. It is made from the very best of aluminum and bronze, of excellent workmanship and nickel plated finish, and is not to be classed among the cheap grade of auto accessories. Complete with valve.

NO.	Pipe	Wt. Each	EACH
45	¼ in.	¾ lb.	$4.50

One in a box.

WHISTLE ADAPTORS



Where there are no priming cocks in motor, this attachment can be used in connection with spark plug.

NO.	Size Plug	Wt. Each	EACH
10½	⅛ in.	4 oz.	$0.50
10¾	¼ in.	4 oz.	.75

Packed as wanted.

ARTIFICIAL BAIT

FOSS' NEW EGYPT WIGGLER

Brass nickel plated. Casts right to the spot; hook rides upright and cannot turn over. The spinner cuts its way through the weeds making a clear passage for the hook. Length over all 1¾ inches. Per Doz

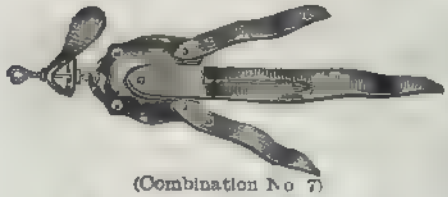
No. 1NEW—With ⅜ detachable hook..... $19 80

One in tin box, one doz in cardboard box; wt per doz 1 lb.

FOSS' FROG WIGGLERS

(Nos 11 and 12)

Brass; nickel plated. With small buttons for fastening pork rind and other bait, enables user to make 8 combinations. Practically weedless and snagproof, keeps the line taut, will travel 6 inches or 6 feet below surface of water.



(Combination No 7)

(Combination No. 2)

Combinations Nos. 11 and 12 will make:

1-Just as received with bucktail fly.

2-With bucktail and 2 strips of fly rod pork rind buttoned to little studs forming the legs.

3-Same as 2 with fly rod pork on curve of hook.

4-Bare hook only.

5-Bare hook and 2 fly rod pork strips for legs.

6-Bass size pork rind impaled on hook and buttoned to center button.

7-Same as 6 with 2 fly rod pork rind strips for legs.

8-Same as 1 with bass size pork strips full length, impaled on bucktail and forward end buttoned to center. Per Doz

No. 11—¾ oz with ⅜ hook. For heavy tackle..... $26 40

No. 12—½ oz with ⅜ hook. For light tackle..... 26 40

One in tin box with instructions for making different combinations; wt per doz 1½ lbs.

FOSS' ORIENTAL WIGGLERS

Celluloid. A bait for those accustomed to casting a plug and using a line and rod that is too heavy to handle the lighter and more deadly lures.

Regular Size. Per Doz

No. 30W—All white; with No. 3-0 hook..... $25 20

No. 30RW Red and white with No. 3-0 hook..... 25 20

No. 30BW Black and white; with No. 3-0 hook..... 25 20

No. 30YW—Yellow and white; with No. 3-0 hook..... 25 20

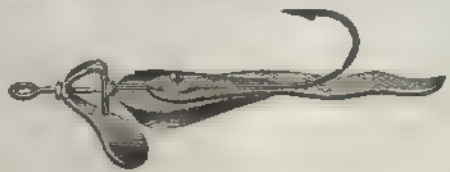
Junior Size. Per Doz

No. 40W—All white; with No. 2-0 hook..... $25 20

No. 40RW—Red and white; with No. 2-0 hook..... 25 20

One in metal box, wt each ½ oz.

FOSS' JAZZ WIGGLERS



Brass, nickel plated; tip of spinner dyed red. A lure for small or large mouth bass, muskellonge, pike, pickeral, trout or any game fish.

Prices do not include Pork Rind. Per Doz

No. 10—With No. 3-0 hook; wt each ½ oz..... $13 20

No. 9—With No. 5-0 hook; wt each ⅝ oz..... 13 20

One on a cardboard; 1 doz in cardboard box.

PREPARED BAIT

HEDDON—STANLEY PORK RIND

Especially cut for animated movement. Chemically treated, practically non-fouling.

Per Doz

No. 1PS—Contains 12 strips..... 13 20 *$6 00*

FOSS' PORK RIND STRIPS

Pig skins are run through a leather splitting machine, chemically treated to remove the grease punched and perforated for ready attachment, bottled in brine which will preserve them for years.

Per Doz

No. 1PRB—Fly rod size 2 ins long, ¼ in wide; 18 strips in bottle..... $11 70

No. 2PRB—Regular bass size 3¾ ins long, ½ in wide; 12 strips in bottle..... 11 70

One doz bottles in case; wt per doz 4½ lbs.

PRESERVED FISH BAIT

ANCO, CRAWFISH

Assorted Sizes.

Carefully selected and preserved, proper color and appearance retained. Good mid-season bait for bass, pike, pickeral, etc. Per Doz Jars

No. 9—Packed 12 or more in a jar..... $18 75

ANCO, SALMON EGGS

Especially suitable for brook trout, natural color and appearance retained. More firm than fresh eggs but not brittle. Per Doz Jars

No. 8—Packed in 3 oz jars..... $12 00

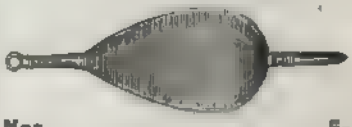
ANCO, FROGS

Carefully selected and preserved, proper color and appearance retained. Can be used in any casting or trolling where live bait might be used.

Per Doz Jars

No. 1—12 in screw top glass jar..... $18 75

FISHING FLOATS



Egg Shape.

Wood float; quill top; unbound; fancy painted and varnished.

Nos.	5-1¼	5-2	5-2½
Length float, ins	1¼	2	2½
Wt per gro, lbs	4	6	9
Per Gro	$17 25	18 00	25 20

Wrapped in paper.

PARAGON CORK

Fine quality cork; painted in fancy colored stripes and varnished; wood stick top, with adjustable brass spiral spring line holder; wood stick bottom with brass spring wire line guide.

Egg Shape.

Nos.	1PE-1¼	1PE-2	1PE-2½	1PE-3
Length, ins	1¼	2	2½	3
Wt per gro, lbs	3¾	4½	6½	8½
Per Gro	$36 00	41 40	61 00	79 50

One doz in box.

FISHING FLOATS

Barrel Shape.

Nos.	2PB-2	2PB-2½	2PB-3	2PB-3½
Length, ins	2	2½	3	3½
Wt per gro, lbs	3	4	5	6
Per Gro	$39 60	48 00	57 00	69 00

One doz in box.

Thin Barrel Shape.

Nos.	1100-4	1100-4½	1100-5	1100-5½	1100-6
Length, ins	4	4½	5	5½	6
Wt per gro, lbs	6¼	7½	7¾	8	8½
Per Gro	$54 00	60 00	72 00	78 00	106 50

One doz in box.

IDEAL

Barrel Shape.

Solid cork body with one piece straight grain birch dowel extending through body and projecting at equal lengths from each end. Metal ferrule reinforces bottom of dowel to prevent splitting. Brass ring in end for fastening line.

2 Color, Enameled Red and Green.

Nos.	31-2	31-2½	31-3	31-3½	31-4
Length, ins	2	2½	3	3½	4
Wt per gro, lbs	2¼	3	5	5½	6
Per Gro	$9 75	36 00	49 50	64 50	81 00

Unfinished.

Nos.	32-2	32-2½	32-3	32-3½	32-4
Length, ins	2	2½	3	3½	4
Wt per gro, lbs	2¾	3	5	5½	6
Per Gro	$31 80	42 90	48 00	69 00	87 00

One doz in cardboard box.

Zebra Pilot Ball Cork Floats.

Striped, barrel shaped, with pilot bail; wood top; has yellow background and is black striped, with two stripes of red and one green in the center.

Nos.	ZPB2½	ZPB3	ZPB3½
Length float, ins	2½	3	3½
Wt per gro, lbs	6	7	9
Per Gro	$47 40	66 00	75 00

One doz in cardboard box.

FISHING FLOATS

WHIPPET

Long slim barrel shaped solid cork float, enameled in attractive colors. Sensitive to all nibbles, practical for anglers. Diameter ½ inch.

Nos.	10-6	10-7	10-8	10-9
Length, ins	6	7	8	9
Wt per gro, lbs	3	3½	4	4½
Per Gro	$72 00	79 20	96 00	108 00

One doz in cardboard box.

WINONA

Hollow celluloid, assorted colors; will not shrink, swell, crack or peel; can be used either adjustable on line for cane pole or as a slip line float with casting rod.

Per Doz

No. 7—Length over all 7½ ins $6 00

One doz in cardboard box, assorted colors; wt per doz ½ lb.

BALSA WOOD

Solid Balsa wood, the lightest fish float made, weighs ⅓ less than cork, waterproof lacquered finish in assorted colors. Perfectly balanced, stands upright in water with the proper sinker. May be used horizontal with smaller one.

Quick on and off line without removing hook or sinker, adjusts easily and instantly.

Streamline, pulls easily through water or weeds. Line attaches to extreme ends, casts easily without tangling.

Per Doz

No. 1-6—Length 7ins $5 70

One doz mounted on cardboard display stand; wt per doz ½ lb.

CORK BALLS

Fine quality cork, natural finish, with hole.

Varnished.

Nos.	1CB-1⅛	1CB-1¼
Diam, ins	1⅛	1¼
Wt gro, lbs	1	1¾
Per Gro	$11 25	13 80

Nos.	1CB-1⅜	1CB-1½
Diam, ins	1⅜	1½
Wt gro, lbs	2½	3¼
Per Gro	$14 40	20 40

Unvarnished.

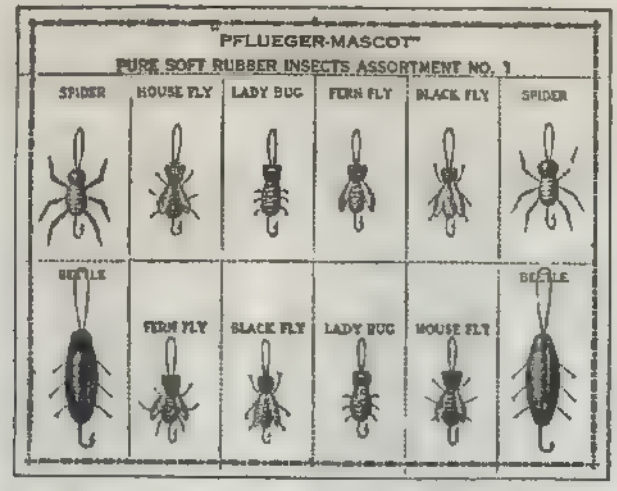
Nos.	2CB-1	2CB-1⅛	2CB-1¼	2CB-1⅜	2CB-1½
Diam, ins	1	1⅛	1¼	1⅜	1½
Wt gro, lbs	¾	1	1¾	.....	.....
Per Gro	$7 95	8 70	10 60	12 60	15 90

Nos.	2CB-1¾	2CB-2	2CB-2¼	2CB-3
Diam, ins	1¾	2	2¼	3
Wt gro, lbs	3½	4	4½	6
Per gro	$23 10	37 50	63 00	93 00

Three doz in box.

BAIT ASSORTMENTS

MASCOT



Pure soft rubber; painted and decorated with special formula "Flexo" the most scientifically perfect solution ever applied to rubber and is as flexible as the rubber itself.

Assortment comprises of 12 insect baits; ½ inch long, sewed on a perforated card, making a handy counter display.

	Per Ass't
No. 1—As described above	$4 50

One ass't in cardboard box.

SPINNERS

DARDEVLET

Equipped with treble hook. Length 2⅛ inches; width 1 inch.

	Per Doz
No. 102—Nickel, reverse side black with white stripe	$23 85
No. 109—Copper, reverse side red with white stripe	

One in cardboard box; wt each 1 oz.

TWIN SPINNERS

BUEL'S SPINNERS

Nickel plated brass spinner, shank and swivel. Fine quality feathered treble hook.

Nos.	1-0	1	2	3	4	5	6
Lgth. plate, ins	3⅜	3	2⅝	2¼	1⅞	1½	1⅛
Length over all, ins	8¼	7½	7	5½	5	4	3½
Per Doz	$19 50	17 25	17 25	17 25	14 40	14 40	14 40

Half doz in cardboard box.

TWIN SPINNERS

SHANNON

FEATHER FLY

With No. 2½ spoons and extra stout No. 4-0 hook.

Adapted for black bass, pickerel and muskellunge. Can be used freely in the thickest weeds or lilies without fear of fowling.

	Per Doz
No. 10R—Red	$23 70
No. 10W—White	
No. 10Y—Yellow	

One doz in cardboard box; wt per doz about 9 ozs.

BABY SIZE, FEATHER

With No. 2 spoons and No. 21-0 hook. Adapted for trout and bass. Can be used freely in the thickest weeds or lilies without fear of fowling.

	Per Doz
No. B10R—Red	$23 70
No. B10W—White	
No. B10Y—Yellow	
No. B10F—Frog	

One doz in cardboard box; wt per doz 6 ozs.

BUCKTAIL

With No. 2½ spoons and extra stout No. 4-0 hook. Supplied with fly made of deer tail hair. Can be used freely in the thickest weeds or lilies without fear of injury.

	Per Doz
No. 20N—Natural	$23 70
No. 20R—Red	
No. 20W—White	
No. 20Y—Yellow	
No. 20B—Black	
No. 20R & W—Red and white	

One doz in cardboard box; wt per doz about 11 ozs.

BABY SIZE, BUCKTAIL

With No. 2 spoons and No. 1-0 hook. Supplied with fly made of deer tail hair. Can be used freely in the thickest weeds or lilies without fear of injury.

	Per Doz
No. B20R—Red	$23 70
No. B20N—Natural	
No. B20W—White	
No. B20Y—Yellow	
No. B20RW—Red and White	
No. B20B—Black	

One doz in cardboard box; wt per doz 8 ozs.

FROG COAXERS

JAMISON

An imitation of a live frog struggling through the weeds. Although it carries an open hook, it is very weedless and lifelike. Accurately weighted and always rides right side up and floats when lying still in water. A great bait for all game fish. Length 3 ins.

	Per Doz
No. 25FC—Frog color	$22 50

One in cardboard box; wt per doz 8 ozs.

D 9

TROLLING BAIT

Treble Hook, Tandem Spinners.

Nickel plated brass spinners, under side finished in red; fine quality feathered treble hook, brass swivel.

Nos.	Length Spinner ins	Extreme Length ins	Per Doz
2013-0	2¼	4¼	$6 30
2013-1	2½	5	7 95
2013-2	3	5½	9 00

One doz in cardboard box.

PFLUEGER

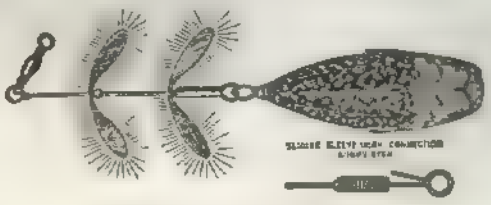
Treble Hook, Luminous Tandem.

Nickel plated brass luminous spinners, fine quality feathered treble hook; brass swivel. Sliding sleeve hook connection permits instant interchanging of flies and hooks.

Nos.	1998-0	1998-1	1998-2
Length spinners, ins	1⅝	1⅞	1⅞
Length over all, ins	4½	5	5¾
Wt per doz, lbs	1	1⅛	1⅜
Per Doz	$11 25	13 80	15 00

One in cardboard box.

PFLUEGER, Treble Hook with Treble Hook Trailer. Luminous Tandem.



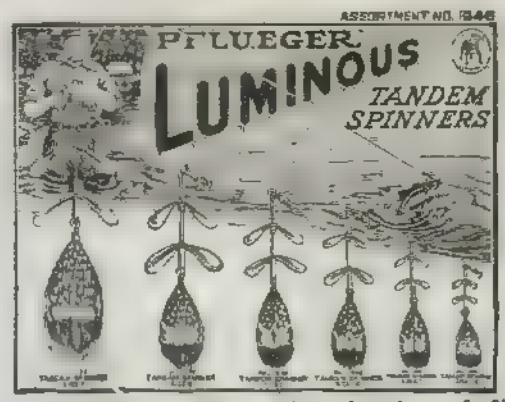
Polished nickel top of blade, luminous under. Mounted with bright nickel plated, treble hooks, hand filed out points, carefully feathered with a liberal quantity and assortment of fancy water fowl feathers, sliding sleeve hook connection permits the instant interchanging of flies and hooks.

Nos.	3445-1/0	3445-1	3445-2
Size spinner	1 0	1	2
Length of blade, ins	1⅛	1⅜	1⅝
Width of blade, ins	25/32	25/32	29/64
Treble hook ringed, size	4	1	1/0
Treble hooks (trailing hooks) size	6	4	3
Per Doz	$15 60	18 00	18 75

One doz on display card.

TROLLING BAIT

PFLUEGER, TANDEM SPINNERS



Top of spinners nickel plated and highly polished, under-side weather-proof luminous enamel. Equipped with nickel plated long shank treble hook, carefully covered with an assortment of fancy water fowl feathers and improved sliding sleeve hook connection to permit instant interchanging of flies or hooks. The spinners revolve in opposite directions, making them equally as effective for day as for evening or night fishing. Assortment consists of 6 spinners, 1 each of No. 1998. Sizes 3, 2, 1, 1/0, 2/0 and 3/0.

Per Ass't

No. 1945—Ass't complete as described $6 60

Half doz on easel back display card; one ass't in cardboard box; wt per ass't 1 lb.

FLUTED BAIT

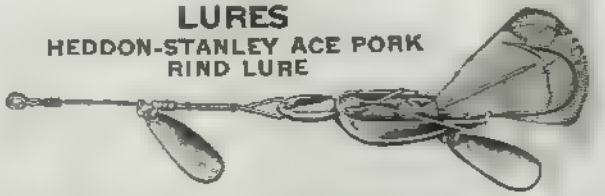
Nickel plated brass spoon, swivel and shank. Fine quality feathered treble hook.

Nos.	110-2	110-3	110-4	110-4½	110-4¾	110-5	110-6
Length spoon, in	1⅛	1¼	1⅜	1⅝	1⅞	2⅛	2⅜
Length over all, ins	3¾	4¼	5	5	5½	6	6½
Per Gro	$57 00	57 00	63 00	63 00	63 00	75 75	75 75

One doz in cardboard box.

LURES

HEDDON-STANLEY ACE PORK RIND LURE

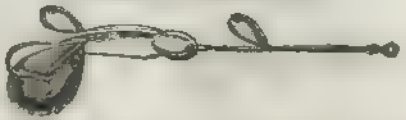


Solid metal body, will withstand the attacks of savage game fish. With No. 1-0 hook, easily detached, and two bright metal spoons. For use with Heddon-Stanley Pork Strip. Length body including hook 2½ inches. Per Doz

No. 190BF—Copper finish fly, no weedless
No. 190WF Nickel finish weedless and fly
No. 190BWF—Copper finish weedless and fly
} $26 40

One in cardboard box; wt each ½ oz.

HEDDON'S KING BAIT



Highly finished full spoon size metal body with one revolving and one fluttering spoon; feather fly; with single hook. Length 2⅞ inches. Per Doz

No. 290—Nickel finish with red fly
No. 290RW—Nickel finish with red and white fly
No. 290B—Copper finish with red fly
No. 290BRW—Copper finish with red and white fly
} $26 40

BASKETS

TROUT

Finest quality double woven split willow; patent leather and metal fastenings. Straps not included.

NO.	Size	Length In.	Cap. lb.	DOZEN
10	0	11	1½	$24.00
11	1	12	9	30.00
12	2	13	16	33.00
13	3	14	20	36.00
14	4	15	25	42.00
15	5	16	30	48.00

Leather Bound

Finest quality double woven split willow; well-bound around all edges and cross-strapped across front with good quality leather. Fitted with leather tab to buckle Straps not included.

NO.	Size	Length In.	Cap. lb.	EACH
2	2	13	16	$6.00
3	3	14	20	6.50
4	4	15	25	7.00
5	5	16	30	8.00

Whole Willow, Plain Lock

Well made. Straps not included.

NO.	Size	Length In.	Cap. lb.	DOZEN
111	1	12	9	$18.00
112	2	13	16	21.00
113	3	14	20	24.00

Bamboo

Natural bamboo strips woven to make exceptionally strong, well ventilated basket.

NO.	Size In.	Length In.	Cap. Lbs.	DOZEN
B23	3	14	20	$24.00

CANVAS CREELS

FOLDING

Made of heavy brown canvas, well ventilated, for fish or small game; as handy pack basket it has no equal; complete with shoulder strap.

NO.	Capacity	DOZEN
20D	20 lb.	$24.00

Bulk stock.

BASKET STRAPS

COMBINATION

No. 25

Harness type; wide strap one shoulder; one small strap for basket; one small strap around body to prevent slipping from shoulder. Can be adjusted to any height.

NO.		DOZEN
25	Web straps, web center, easily adjusted	$6.00
50	All brown web basket harness, (as No. 25)	9.00

Heavy 2-inch leather center, clean russet leather straps.

6X		12.00
100	All russet leather, 2½ inches wide at center	18.00
200	All tan leather with 2¾-inch double shoulder pad, chamois lined	30.00

UTILITY SCALES

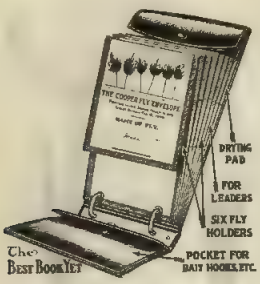
Vest pocket size, inner tube adjustable to weigh the "Tare"; it is accurate and well finished.

Not intended for commercial purposes.

NO.		DOZEN
15	Nickel plated; capacity ¼ to 15 lbs.	$9.00

One dozen on counter display cards.

J FLY BOOKS



Cooper

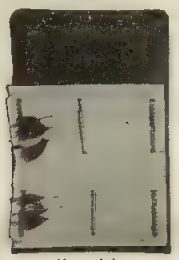
A practical and compact book having a capacity of six to nine dozen flies. Will carry eighteen holders, each holder accommodating two to four dozen flies. Leather covered, finely finished; moth and dust proof; button clasp, size 4x7 inches.

With three holders and drying pad.

NO.		EACH
11	Imitation leather	$1.50

With six holders, leader envelope and drying pad.

NO		EACH
21	Canvas without pocket	$4.00
22	Seal grain, one sundry pocket	6.00
NO.		**DOZEN**
Extra Holders		$3.00



K. and L.

Vest pocket size; black imitation leather, canvas lined, two parchment pockets and two parchment leaves with attachments to hold four dozen flies, felt drying pads, button clasp.

NO	Size	DOZEN
1607	6x2¼ in.	$12.00

Vest pocket size; red leather, canvas lined, one pocket on inside of cover, one celluloid leaf with spring attachment to hold two dozen flies, felt drying pads, button clasp.

NO.	Size	DOZEN
1721	6x2¼ in.	$12.00

One-half dozen in a box.

Figley

Cover of high grade leather hand sewed with leather thongs, heavy polished celluloid leaves slotted at the ends to hold small rubber bands. Fly is fastened by hooking in a rubber band and stretching it over small celluloid prongs. Gut always remains straight and flies cannot fall out. Chamois pads between the leaves and one pocket in each book for leaders.

NO.	Capacity	Leaves	EACH
8F	54 flies	3	$3 75
11F	36 flies	2	2 75

Imitation red leather cover, canvas lined, one canvas pocket inside of cover, contains two parchment pockets and leaves with spring attachments to hold eight dozen flies, two flannel drying pads; snap lock

1749	7x4 in.	$18.00

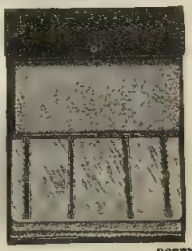
Red leather cover, canvas lined, one canvas pocket on inside of cover, two celluloid leaves with spring attachments to hold eight dozen flies, two flannel drying pockets, clasp fastener.

1507	7x3½ in.	$30.00

Fine quality black seal grain leather, brown leather lining, two leather pockets, two celluloid leaves with coil wiresprings for holding 8 dozen flies, fine quality felt drying pads, clasp lock

NO.	Size	DOZEN
1632	4x7 in.	$48.00

Keno



Imitation walrus leather cover, cloth lined, two parchment pockets and two parchment leaves with fasteners to hold 48 flies, two flannel drying pads, snap lock

NO.	Size	DOZEN
1620	3¾x6¼ in.	$13.80

One-half dozen in a box.

COMBINED WATER FILTERS AND COOLERS

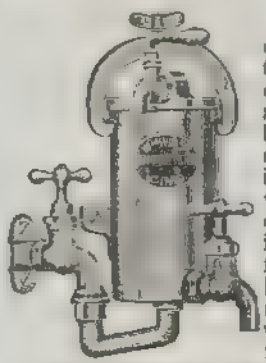
FLEMISH STONEWARE

These filters are an American reproduction of the imported Flemish filters, including the grayish-blue colors and markings, burned exceedingly hard and glazed inside and out. Process of filtration is through a natural stone fitted into the bottom of the upper jar. The lower jar is fitted with nickel plated lever faucet which is fastened on inside with threaded nut and rubber washer.

All parts of the filter can be easily gotten at to clean; there are no corners or crevices, hence it is absolutely sanitary in every respect.

Nos.	01	02	03	04	06
Cap, gals	1½	2	2½	3½	4½
Filtering cap day, gals	3	3to5	4to8	6to10	10to12
Diam at bottom, ins	7	7¾	8¼	9¼	10
Height over all, ins	20	22	24	26	28
Wt each, lbs	21	27	34	39	45
Each	$9 45	12 00	14 25	17 25	20 65

One in crate.

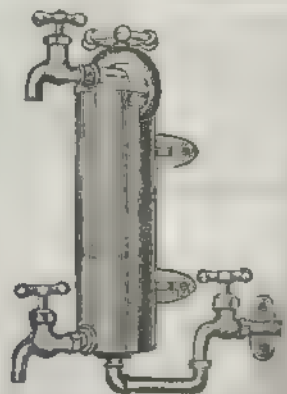


STAR

Germ Proof—One piece cast iron cylinder, aluminum finish, nickel plated fittings. The stone is a fine grade of natural stone, free from defects and absolutely perfect and are held in place between rubber washers on each end, and is fastened on top with malleable iron clamp and threaded thumb screw, which makes it absolutely water tight; can be attached to any faucet, bracket is cast on filter solid, making it perfectly secure when screwed against back of sink; 2 brass regulation faucets; the upper faucet for filtered water and the lower faucet for the unfiltered water. Each

No. 6—Length of cylinder 6 ins; diam 4 ins; height over all 12 ins; capacity 6 gals per hour $27 00

Packed loose; wt each 11½ lbs.



STAR

Germ Proof—One piece cast iron cylinder, aluminum finish; the stone is a fine grade of natural stone, free from defects and absolutely perfect, and are held in place between rubber washers on each end; fastened on top with malleable iron clamp and wheel threaded screw, which makes it absolutely water tight; can be attached to any faucet; bracket is cast on filter solid, making it perfectly secure when screwed against back of sink. 2 brass regulation faucets, the upper faucet for filtered water and the lower faucet for unfiltered water. Each

No. 6½—Length of cylinder 12 ins; diam 8¾ ins; height over all 18 ins; capacity 12 gals per hour $33 00

Packed loose; wt each 18 lbs.

FILTER STONES FOR STAR FILTERS

Nos.	6$	6½$
For filter, Nos	6	6½
Size, ins	3½x5	3x11
Each	$4 35	7 50

ICE PICKS

—BLUE GRASS—

Silver steel point, nickel plated; hardwood handle, shellac finish; copper plated brass ferrule. Per Doz

No. BG350—Length of point 6 ins; 5/32 in. thick; length over all 10¾ ins $3 30

One doz in cardboard box; wt per doz 2 lbs.

—BLUE GRASS—

Silver steel point, nickel plated; black rubberoid handle; drawn steel ferrules, nickel plated. Per Doz

No. BG175—Length of point 6 ins; 5/32 in. thick; length over 10 ins $3 90

One doz in cardboard box; wt per doz 2¾ lbs.

—BLUE GRASS—

Silver steel point, nickel plated; heavy black rubberoid handle; closed end brass ferrules, nickel plated. Per Doz

No. BG200—Length of point 6 ins; 5/32 in. thick; length over all 10 ins $4 05

One doz in cardboard box; wt per doz 2¾ lbs.

—BLUE GRASS—

Selected genuine silver steel points, nickel plated; hardwood handle, French mahogany polished finish; heavy brass threaded ferrules. Per Doz

No. BG400—Length of point 7 ins; 5/32 in. thick; length over all 12 ins $12 00

One doz in cardboard box; wt per doz 8½ lbs.

—OLD KENTUCKY HOME—

Highly tempered steel point; hardwood handle, shellac finish, coppered ferrule. Per Doz

No. 95—Length of point 5 ins; length over all 9½ ins $2 49

One doz in cardboard box; wt per doz 1⅝ lbs.

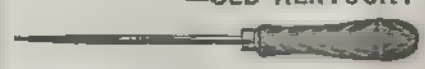
—OLD KENTUCKY HOME—

Highly tempered steel point; stained cocobolo handle; brass ferrule, nickel plated. Per Doz

No. 94—Length of point 5 ins; length over all 8½ ins $2 55

One doz in cardboard box; wt per doz 2 lbs.

—OLD KENTUCKY HOME—



Highly tempered steel point; hardwood handle, shellac finish; coppered ferrule. Per Doz

No. 96—Length of point 6 ins; length over all 10½ ins $2 55

One doz in cardboard box; wt per doz 1½ lbs.

—OLD KENTUCKY HOME—

Highly tempered steel point; hardwood handle, shellac finish; brass ferrule, nickel plated. Per Doz

No. 98—Length of point 6 ins; length over all 9½ ins $3 00

One doz in cardboard box; wt per doz 1⅝ lbs.

RAINBOW

In Assorted Colors.

Highly tempered and polished steel point, nickel polished ferrule, hardwood handle enameled in attractive colors of Chinese red, blue and green. Per Doz

No. HRI—Length point 5 ins; length over all 8½ ins $3 00

One doz in cardboard counter display box; wt per doz 1¾ lbs.

FLEXIBLE DOLLS G

THE BONSERS

The Bonsers are soft featherweight dolls that children can cherish and love for years. Washable and dressed in a variety of colors Each doll is in its individual show case, dust proof, under cellophane which cannot wrinkle or come off

NO.	Ht. In.	lb Doz.	DOZEN
85	9½	9	$7.50

NO.	Ht. In.	lb Doz.	DOZEN
84	9½	9	$7.50

NO.	Ht. In.	lb Doz.	DOZEN
86	9½	9	$7.50

BIG BOBBY

Red flannel coat, shoes and hat Elastic fastened to head will make doll dance by pulling.

NO.	Ht. In.	EACH
97	36	$4.00

BOBBY BONSER

Blue flannel coat, shoes and hat. Elastic fastened to head will make doll dance by pulling.

NO.	Ht. In.	DOZEN
98	18	$16.00

NO.	Ht. In.	lb Doz.	DOZEN
94	10½	10	$16.00

NO.	Ht. In.	lb Doz.	DOZEN
95	10½	10	$16.00

NO.	Ht. In.	lb Doz.	DOZEN
96	10½	10	$16.00

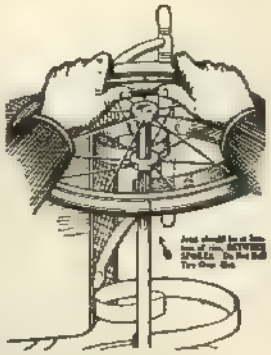
RUBBER TIRES

CALCUTT'S

For Go-Carts, Baby Buggies, Hand Cars, Autos, Etc.

Showing end of tire with coupling pin held firmly in left hand after twisting other end of tire towards you 4 complete revolutions.

Showing tire back to natural position after you push together and screw from you by turning to the right. Note—No kinks or twists, ready to apply



Showing coupled section of tire in channel of wheel between spokes, ready to snap on. Stretch over wheel as shown above. Must snap on very tightly.

Sectional view of tire showing coupling in position.

The above illustrations show how this tire is used. Complete instructions come with each box. The tire comes in a continuous length with sufficient couplings to make up 60 tires to the 100 feet.

Calcutt Tires. Sizes, diam., in.	1/2	5/8	7/8
Length in box, ft.	50	50	50
Wt. box, lbs.	10	14	27
Box	$11 00	16 30	29 50

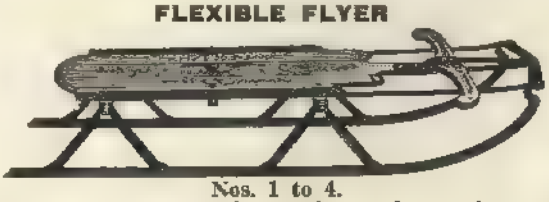
SLEDS

THE FLEXIBLE FLYER LINE

The Sled That Steers.

All wood used is selected straight grained second growth ash; the steel parts are japanned so the paint sticks; the wood parts are handsomely decorated and finished with the best varnish; the grooved runners are straight and true which makes for speed, yet in steering no dragging of toes is necessary, thus saving shoes and preventing wet feet; steering is easy and the grooved runners prevent skidding; the goose-neck runner gives a longer and therefore better steering surface, and the steel-front acts as a shock absorber and prevents breakage.

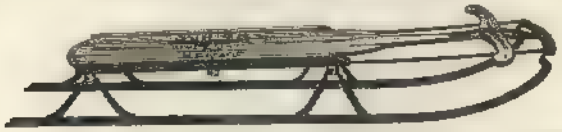
FLEXIBLE FLYER



Nos. 1 to 4.

Nos.	1	2	3	4	*5
Length, in.	39	43	48	53	64
Height, in.	6	6	8	8	8
Width, in.	12	13	14	14	16
Wt. each, lbs.	8½	10	15½	16¾	24
Doz.	$54 00	63 00	90 00	96 00	108 00

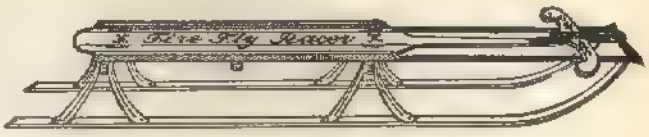
*Note—No. 5 has 3 knees instead of 2 as shown in cut.



Racer and Junior Racer. Nos.	*Racer	Junior Racer
Length, in.	57	49
Height, rear, in.	5½	5½
Height, front, in.	6½	6
Width, in.	13	12
Wt. each, lbs.	16	11½
Doz.	$90 00	72 00

*Note—Racer has 3 knees instead of 2 as shown in cut

FIRE FLY



Next to "Flexible Flyers" these coasters are without doubt far superior in construction, design, finish and steering qualities to any other coaster. They have steel steering front and grooved spring steel runners, making them very strong vertically but flexible sidewise. The materials used and the finish are first-class, and the prices are low, quality considered.

Nos.	9	10	11	12	Racer.
Length, in.	32	36	40	45	49
Height, in.	5½	6	6	6	6
Width, in.	11	12	13	13	12
Wt. each, lbs.	6¾	8	8½	9½	9½
Doz.	$28 50	36 60	43 20	51 00	51 00

THERMOMETERS

The Thermometers shown in this catalog have been carefully selected, with the requirements of this territory in mind, and we believe that one for practically any ordinary purpose can be found described.

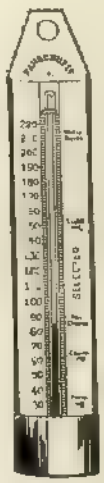
PERMACOLOR

Tycos and Taylor Permacolor Thermometers have their tubes filled with red liquid and may be used with the certainty that the color will remain indefinitely as when the thermometer is purchased. This liquid is the result of many years of experimenting, has been put to the severest tests, and is absolutely non-fading. Thermometers having their tubes filled with colored spirit (alcohol) have always been popular, because of the ease with which they can be read. The public is, however, in increasingly large numbers, coming to recognize that this easy-reading feature is more than offset by the tendency of the colored spirit to fade when exposed to strong light. If spirit-filled thermometers are now bought at all, therefore, it is with the expectation that after a time they will be almost impossible to read, and so practically useless. The letter "S" after any catalog number indicates that its tube is filled with red liquid. If this letter "S" does not appear the thermometer tube is mercury-filled.

DAIRY

There are few food supply industries in which temperature plays a more important part than in dairying and butter making. From the time the milk comes from the cow it must pass from one temperature condition to another, if that firm, smooth, fine-grained butter that commands the highest price is to result. Temperature is almost the one item in successful butter making that will absolutely not allow of guesswork or neglect. An accurate churn and pasteurizing thermometer should be the butter maker's constant companion, advising him truthfully of the condition of the milk or cream with which he is working. Without this knowledge he is "going blind" and cannot hope to produce equal results in a series of operations. Thermometers are scientific instruments and are accurate or inaccurate, reliable or unreliable, according to the intelligence and honesty of the manufacturer. With a Tycos Thermometer every step in butter making is taken with knowledge and for a reason, and the result may be practically determined beforehand.

No. 5715



No. 5748S.

Ordinary Grade. All-Glass Floating Dairy.

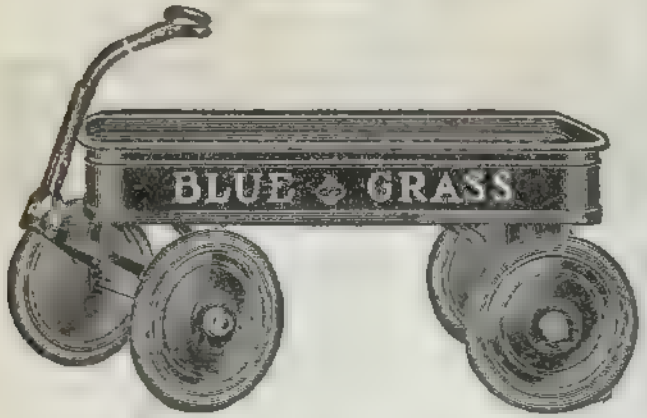
No. 5715. 8 inches long; approximate temperature range 30° to 220° F.; mercury filled tube; floats upright in the milk. Wt. carton of 1 dozen, about 12 ounces ..... Dozen $3 50

Selected Ordinary Grade, Flanged-Metal-Scale Dairy.

No. 5748S. Eight-inch brass scale; black filled figures and graduations; approximate temperature range 20° to 220° F.; the sliding bulb-guard is removable for cleaning; the white-back magnifying-front tube is filled with non-fading red liquid, making it easy to take readings. Wt. carton of 1 doz., about 1½ lbs. ..... Dozen $11 00

One in a box; one dozen in a carton.

COASTER WAGONS
—BLUE GRASS—ALL STEEL



Roller Bearing Double Disc Steel Wheels. Detachable Sides.

BODY—Heavy steel with ¾ inch roll around top and wide panel around bottom of removable box. Size 14½x33½ inches. Two iron cleats across bottom with hook attachments on sides permit detaching box from bottom.

GEAR—Arched channel steel, supported by strong iron braces, making rigid construction. Cold rolled steel axles

WHEELS—10 inch roller bearing, fitted with 1¼ inch full ball on corrugated rubber tires. Nickel plated hub caps.

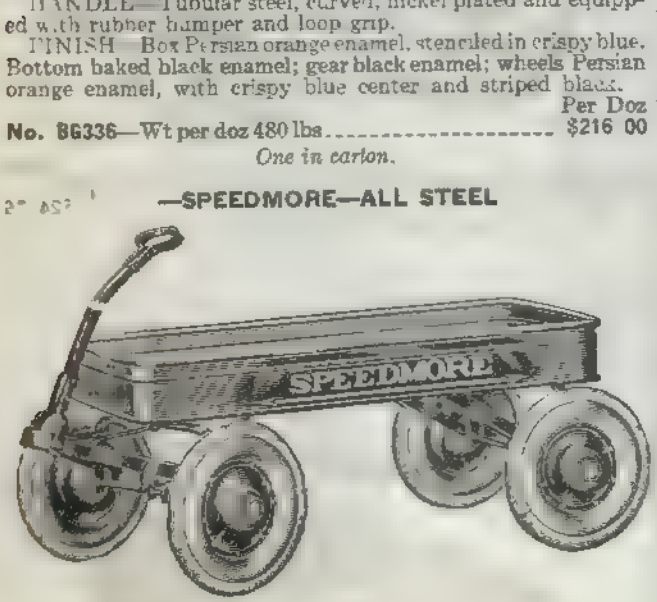
HANDLE—Tubular steel, curved, nickel plated and equipped with rubber bumper and loop grip.

FINISH—Box Persian orange enamel, stenciled in crispy blue. Bottom baked black enamel; gear black enamel; wheels Persian orange enamel, with crispy blue center and striped black.

	Per Doz
No. BG336—Wt per doz 480 lbs	$216 00

One in carton.

—SPEEDMORE—ALL STEEL



Roller Bearing, Balloon Type, Double Disc Steel Wheels.

BODY—Heavy steel box with large ¾ inch roll around top of box. Bottom firmly welded to box reinforced with wood cleats on bottom. Size 14½x33½ inches.

GEAR—Heavy channel steel with strong steel braces. Axles ⅞ inch cold rolled steel fastened in bolsters to prevent turning and provide additional strength.

WHEELS—10 inch roller bearing, fitted with 1 inch non-skid rubber tires. Nickel plated hub caps.

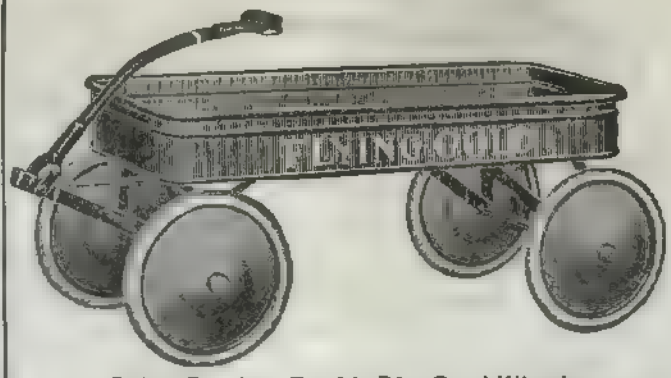
HANDLE—Tubular steel, curved and equipped with loop grip.

FINISH—Bright red enamel outside and inside. Handle and gear in baked black enamel.

	Per Doz
No. 365—Wt per doz 408 lbs	$168 00

One in carton.

COASTER WAGONS
—FLYING GOLD—
ALL STEEL



Roller Bearing, Double Disc Steel Wheels.

BODY—Heavy steel with ¾ inch roll around top, wide panel around bottom of box. Bottom firmly welded to box, reinforced with wood cleats. Size 14½x33½ inches.

GEAR—Heavy channel steel with strong steel braces; ⅞ inch cold rolled steel axles fastened to bolsters to prevent turning.

WHEELS—10 inch roller bearing with ¾ inch rubber tires. Nickel plated hub caps.

HANDLE—Curved tubular steel with loop grip.

Brilliant Orange Baked Enamel Inside and Outside, Stenciled Flying Gold In Large Blue Letters.

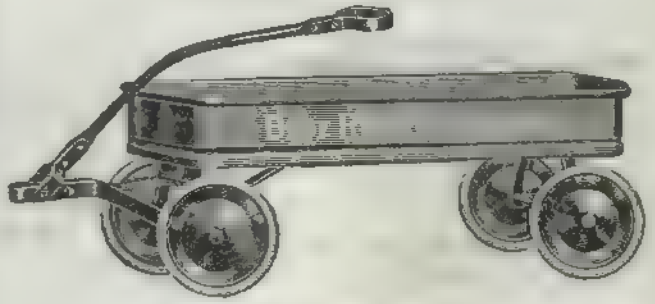
No.	337
Less than ½ doz, Per Doz	$117 00
½ doz or more, Per Doz	108 00

Bright Red Baked Enamel Inside and Outside, Stenciled Flying Gold In Large Black Letters.

No.	339
Less than ½ doz, Per Doz	$117 00
½ doz or more, Per Doz	108 00

One in carton; wt per dozen 360 lbs

—BLUE RIBBON SPECIAL—



Double Disc Steel Wheels.

BODY—Heavy sheet steel box and bottom with large roll rim around top of beaded sides.

GEAR—Heavy flat steel, well braced. Axles fastened in bolsters to prevent turning.

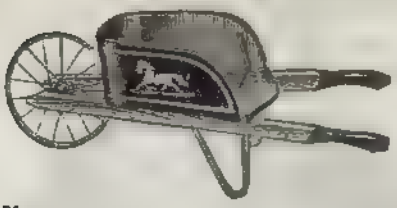
WHEELS—Double disc, plain bearings with high grade rubber tires.

HANDLE—Curved tubular steel with loop grip.

FINISH—Green baked enamel box, stenciled Blue Ribbon Special in bright yellow, red baked enamel disc steel wheels, black enameled gear and handle.

Nos.	320	321	322
Size body, ins	9½x19	11x24	18x27½
Diam wheels, ins	5	6	7
Size rubber tires, ins	¾	1½	5/8
Doz in carton	⅓	⅛	1/6
Wt per doz, lbs	132	180	204
Per Doz	$63 00	78 00	102 00

CHILDREN'S WHEELBARROWS



Sheet steel bed; painted red and decorated; varnished natural finish; hardwood handles, with black grips; strong wire wheels iron braced throughout.

Nos.	9	10	21
Length body, ins	11	13	16½
Diam wheel, ins	6	8	2
Length handles, ins	26	30	40
Wt per doz, lbs	38	44	88
Per Doz	$24 00	30 00	38 25

(Sold in full carton lots only.)

Half doz in crate, K. D.

Garden.

Sheet steel body well braced. Strong and substantial for real work.

Per Doz

No. 22—Finished in red, with blue wheel; size body 10¼x15x5¼ ins; diam wheel 7 ins..... $21 00

(Sold in full carton lots only.)

Half doz in carton, K. D.; wt per doz 50 lbs.

Concrete.

Per Doz

No. 18—Red enameled body; disc steel wheel, blue enameled; length over all 29 ins; size of body 11x13x3½ ins; height 8 ins; diam wheel 6 ins..... $12 75

(Sold in full carton lots only.)

One doz in carton, K. D.; wt per doz 30 lbs.

All steel construction; 4½ inch double disc wheel; orange enameled tray, blue handles and wheel, red legs.

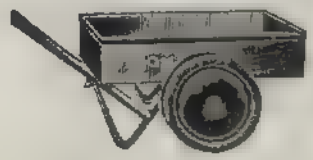
Per Doz

No. 16—Size tray 10¼x9x2¼ ins; height 6½ ins, length overall 22 ins..... $6 30

(Sold in full carton lots only.)

One doz in carton; wt per doz 14 lbs.

TOY CARTS



Sheet steel, securely put together; electrically welded.

Per Doz

No. 35—Body enameled bright red; wheels green; wood handle; length 12 ins; width 6 ins; height 6¼ ins; wheels 6 ins..... $12 75

(Sold in full carton lots only.)

One doz in carton, K. D.; wt per doz 28 lbs.

BOYS' FARM WAGONS

—BLUE GRASS—

Made Like a Farm Wagon.

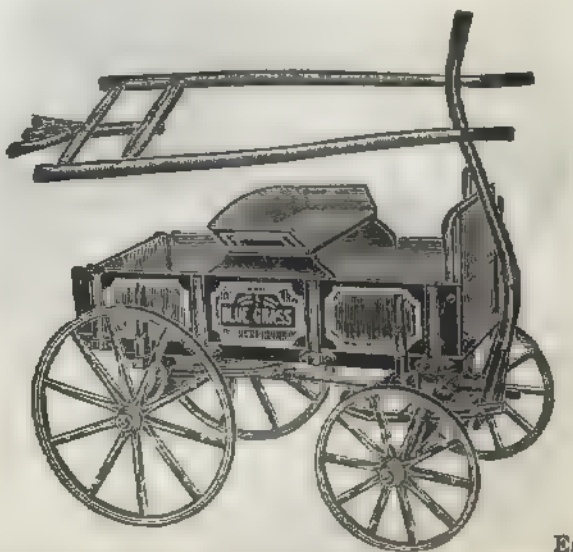
Will carry a load of 500 to 600 pounds.

Hardwood frame, seat and dash board. Bent hound. Adjustable reach. All parts heavily braced and ironed. Sides and ends can be taken off, leaving bed with stakes; handsomely painted; body green and gear red; ornamented with scroll work. Wheels, with steel hub caps and bands, tires ⅛ inch steel, welded and swedged on with special tire setting machine; shaved spokes; all parts strongly ironed and braced; ⅝ inch round steel axles.

Each

No. BG58—Regular Construction; with tongue only; body 18x36 ins; wheels 14 and 20 ins..... $24 75

One in carton K. D.; wt each about 50 lbs.



Each

No. BG57—Regular Construction; with tongue and shaft; body 18x36 ins; wheels 14 and 20 ins..... $27 45

One in carton K. D.; wt each about 55 lbs.

EXTRA SHAFTS

Per Pr

No. BG57S—For Nos. BG58 and BG57 Wagons..... $2 86

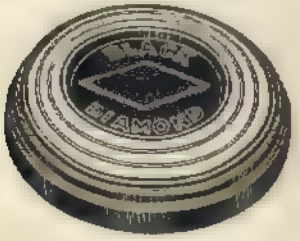
TARGETS

WHITE FLYER

As a breaker and producer of high scores, the White Flyer stands alone; the white band lending material advantage over any other color against any kind of background.

White Flyer. Wt. bbl., 154 lbs. (570 in a barrel) .....Barrel $8 00

BLACK DIAMOND



This target is of a scientific design, accurate mechanical construction and perfect balance giving an even flying target. Any trap that will throw a target will throw Black Diamonds a little better. It is jet black with a distinct pink ring, making a combination which shows up clearest under all conditions. The weight, balance and design of the Black Diamond enables it to ride the wind better than any other target

Black Diamond. Wt. Bbl. 180 lbs. .....Barrel $8 00
504 in a barrel.

PAPER

Paper. For rifle use.....100 $0 30
Paper. For revolver use.. ..100 80

DUCK COLLARS

For use on live decoys. ⅝ inch leather, ring on each end. Wt. doz., 8 ozs. .....Dozen $0 85

DUCK SNAPS

No. 29—Nickel. Swivel snaps to use with duck collars. Wt. doz., 4 ozs. .....Dozen $1 20

DECOYS

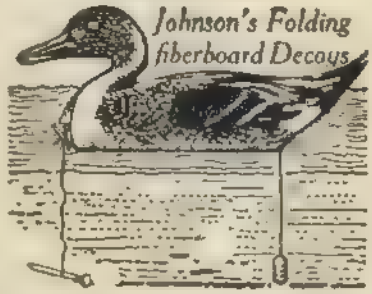
COLLAPSIBLE CANVAS

Duck. Fitted with lead valves; packed 1 dozen in a neat, hinged box with handle and clasp; same patterns as wood decoys. Wt. doz., 8¾ lbs..Each $1 35
Goose. Full size; fitted with lead valves; packed as described above. Wt. doz., 10 lbs. .....Each $2 25

WOODEN DUCK

Superior. Hollow construction; made of genuine Idaho cedar, hand painted; life size; glass eyes; feather finish, carried in the following patterns in both male and female: blue bill, canvas back, mallard, pin tail (sprig), green wing teal and widgeon Wt. doz., 23 lbs ..... Each $1 25
Superior. With Leads and strings complete. Any pattern ....Each $1 40

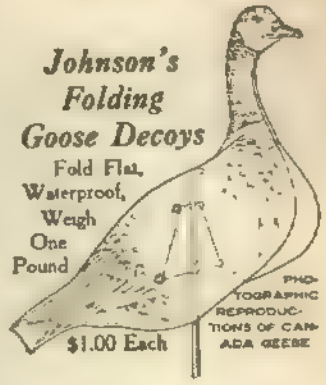
FOLDING DUCK



Johnson's. Printed in natural colors on tough jute fibre board, better than that used in high-grade shot gun shells, so thoroughly waterproofed and reinforced that they last indefinitely. They have every appearance of a full, round duck body, ride perfectly in any weather and the slightest wind keeps them moving, making them most effective. The ⅝ in. cedar float, also waterproofed, slides snugly inside the body to spread and float it. A balancing device attached to the float makes tipping impossible. Suggestions for different ways of using are printed on bottom of each decoy. Carried in Mallards, Canvas Back, Sprig and Widgeon. Wt. doz., 7 lbs. .....Each $0 55
Packed ½ doz. in canvas bag.

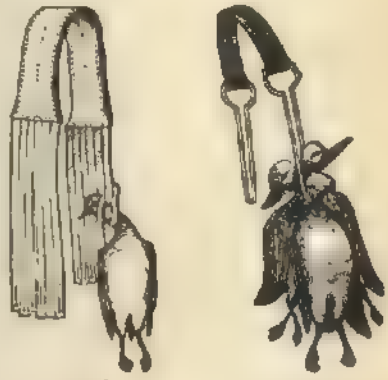
DECOYS

FOLDING GOOSE



Johnson's. A wonderful goose decoy. Life-like, light and inexpensive. Photographic reproduction of Canada geese and Brandt in natural colors on tough jute fibre board. Triangular frame on heavy wire stake holds body open. Folds flat for carrying. Wt. each, 1 lb. Packed one dozen in canvas bag, ⅔ doz. Canadian Honkers and ⅓ doz. Brandt .....Each $1 00

GAME CARRIERS



No. 1 No. 89

No. 1. Three strap: rawhide; extra heavy sole leather; stitched handle; fancy stamped. Wt. doz., 7 lbs. .....Each $2 75

No. 2. Four strap; rawhide; extra heavy leather; stitched handle; fancy stamped. Wt. doz., 8 lbs. .....Each $3 25

No. 89. Barnum, with canvas center piece; shaped wire at each end in which to carry game. Wt. each, 2¼ ozs. .....Each $0 20

CALLS

GOOSE AND CRANE

Nickel plated brass shell with telescope extension; wood mouth piece and reed holder, pipe organ reed.

Fuller. Wt doz., 3½ lbs....Each $1 65

DUCK

Allen's. Maple shell, natural finish, brass reed with cedar holder contained in a brass tube; heavily nickel plated. Will give call of any species of duck or waterfowl. Wt. doz., 2 lbs. .....Each $1 00

Broad Bill. Latest invention; will produce, with perfect accuracy, any call of our native ducks, from the short, choppy Teal to the long, dignified call of the Mallard Wt. doz., 2 lbs. .....Each $0 75

CROW

Purdue. Wood shell, nickel plated end. Wt. doz., ¾ lb. .....Each $1 20

CALLS

CROW

Jahn.

Made of ivory pyralin, in four pieces. Gives a most natural tone. Wt. doz., ½ lb.

Jahn .....Each $1 00

HOW TO USE A CROW CALL

Place the very ends of the two split halves of the call to the lips and give short, quick blows; do not attempt to place the lips over the entire end, but just the very point, leaving the two sides of the "Call" open for a portion of the air to pass out. If a finer tone is wanted, close the front teeth upon the split halves, hold in the right hand while blowing, with the hand in a hollow shape around the end. This produces the deep call of the crow. Use care to keep dirt out of the call and do not dip in water, but keep dry.

PLAYING CARDS

CONGRESS

Look for the name "Congress" on every box

No. 606W. Air cushion finish; gold edges; whist size, 2¼x3½ inches. Backs are reproductions of the most artistic paintings in full color and gold. Wt. doz., 3¼ lbs. .....Package $0 85

BICYCLE

FRONT OF BOX.

No. 808. Ivory or cushion finish, standard size, 2½x3½ inches Backs carried in stock: Rider, Racer, Wheel. Wt. doz., 3 lbs.....Package $0 55

PLAYING CARDS

BICYCLE BRIDGE

Front of Box

No. 86. Bridge size, 2¼x3½ inches. Same quality and backs as No. 808. Wt. doz., 2½ lbs.....Package $0 55

BICYCLE PINOCHLE

Front of Box

No. 48. Ivory or cushion finish. Size, 2½x3½. Same quality and backs as No. 808 Bicycle. Wt. doz., 6 lbs. .....Package $0 55

STEAMBOAT

Front of Box

No. 999. Standard size, 2½x3½ ins. Blue star, green star, red star; two two-color plaid backs. Wt. doz., 3 lbs. .....Each $0 35

POKER CHIPS

U. S.

All chips are packed: 50 white, 25 red, 25 blue in each box of 100.

Plain. 1½ inch composition. Packed 100 in a box. Wt.box,1¾ lbs. Box $1 00

FRED C. MONKHOUSE

200 FIFTH AVENUE, NEW YORK

ROOM 453, Fifth Avenue Building

Direct Factory Salesman

A. H. FOX GUN CO.

Philadelphia, Pa.

FOX-SAVAGE PLAY GUNS

A. C. HORN CO.

Long Island City, N. Y.

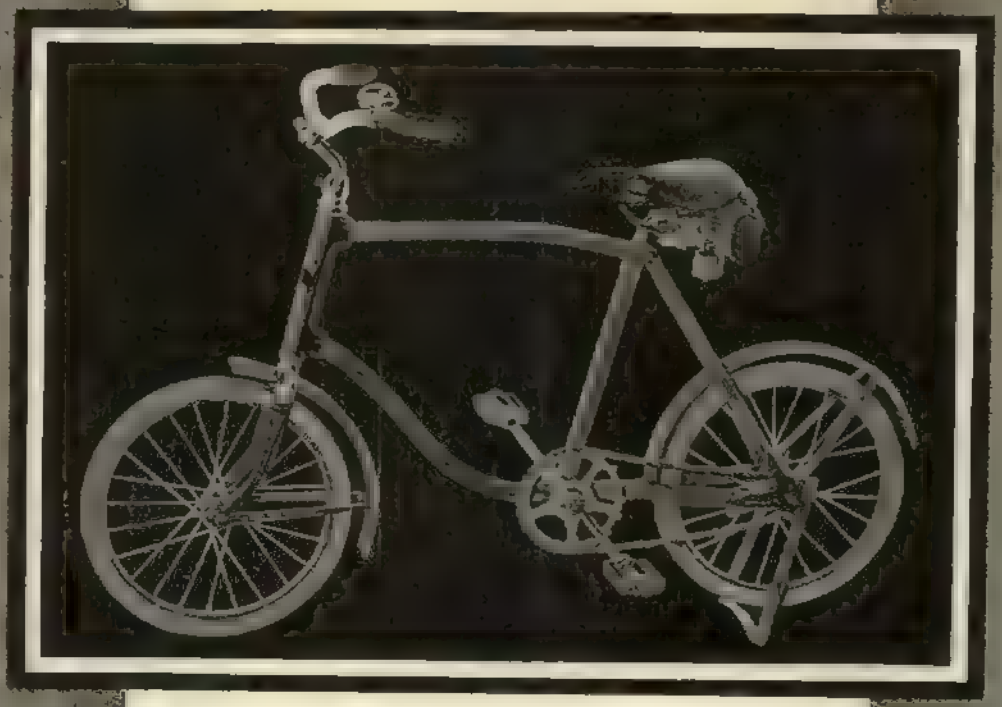
POSTER COLOR CRAFT

Buyers are Cordially Invited
To Visit Our Showrooms During

SUMMER TOY WEEK

JUNE 9th to JUNE 14th

1930



NEW . . . modern . . . in perfect keeping with Steelcraft quality and values—these items round out the Steelcraft Line to take care of all juvenile wheel goods requirements. This means increased economy and buying convenience to thousands of Steelcraft customers from Coast to Coast.

You are cordially invited to write for complete prices, illustrations and specifications.

Permanent Displays

200 FIFTH AVENUE, NEW YORK CITY
1040 AMERICAN FURNITURE MART, CHICAGO
788 MISSION STREET, SAN FRANCISCO

JUVENILE VEHICLES AND TOYS
STEELCRAFT
PRODUCED BY
THE MURRAY OHIO MFG. CO.
CLEVELAND

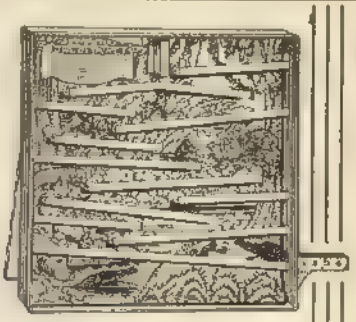
Start your letter right: "I saw your ad in PLAYTHINGS."

No. 55

Mac Mystery Gun
GREAT SENSATION
BEST 1929 SELLER
NEW PRONOUNCED GAME
OF DISTINCTION
Shoots Down Enemy Aeroplanes
From Hidden Guns

No. 100

Mac Machine Gun
"SAFE AND SANE"
"ALL THE YEAR" SELLER
EXPLODES PAPER WITH A
BIG NOISE LIKE A CANNON



No. 80

Mac Jungle Race
The Most Beautiful Toy
We Ever Built
Lithographed in Seven
Colors
A Most Exciting Race
Game
Uncertainty of Results
Makes It a Winner
SEE IT—BUY IT
THRILLS—LUCK
ACTION

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BEAUTIFUL FRENCH DOLLS

Just Imported from Paris

THE FAMILY

"NINON"

Human Expressions!

Lifelike Appearance! **Unbreakable!**

BE the first in your community to show these lovable French dolls that have captured the heart of America.

Send for photographs and prices immediately.

FRENCH FASHION IMPORTING CO.

New York Office and Display Room, SUITE 808, 385 FIFTH AVE.
A Cordial Invitation Is Extended to All Visiting Buyers

CLARENCE KINNE
HAROLD C. KINNE
PAWTUCKET, R. I.

TAKE PLEASURE IN ANNOUNCING
A
PERMANENT DISPLAY AND
SALES OFFICE
AT
ROOM 436, FIFTH AVENUE BUILDING
200 FIFTH AVENUE, NEW YORK CITY

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SLEDS, SHOO-FLIES,
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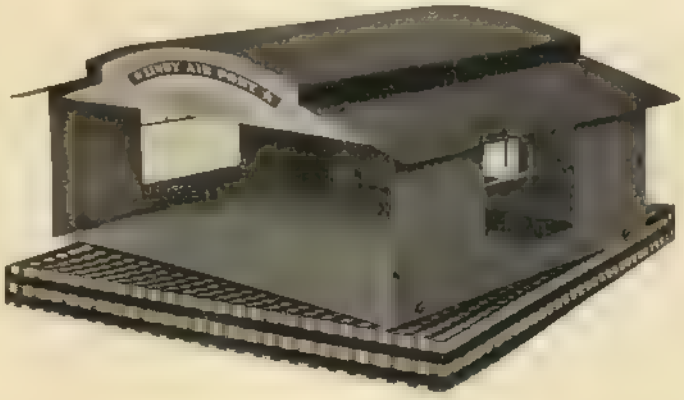
CROQUET SETS

F. E. CHESTER MFG. CO.
FISHING TACKLE SPECIALTIES

KATNIPS, INC.
RUBBER TOYS

◁ ◁ ◁ The Toy of the Times ▷ ▷ ▷



Every Boy Will Want A
Knockdown "Lindy" Airport

Retails at $1.00

Packed in two dozen cartons
Order now and cash in on
this Big Number

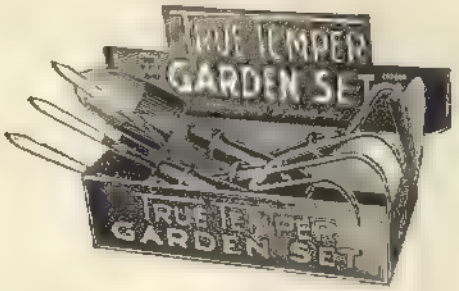
THE HALTER METAL PRODUCTS CO.

CLEVELAND, OHIO

Sales Representatives:
Geo. Borgfeldt & Co., C. P. Sollman
111-119 E. 16th St., New York

On Display:
During Chicago Toy Fair at
Hotel Sherman, Crystal Ballroom

GARDEN SETS



No. 468. Each tool is made from special carbon steel, forged and tempered and fitted with green lacquered handle. Set consists of one each of the following tools: Three-tined weeder, three-tined spading fork, garden trowel and a baby Warren hoe. Packed in an attractive lithographed box suitable for counter display. Wt. doz. sets, 32 lbs. .....Dozen Sets $30 00

Half dozen sets in a box.

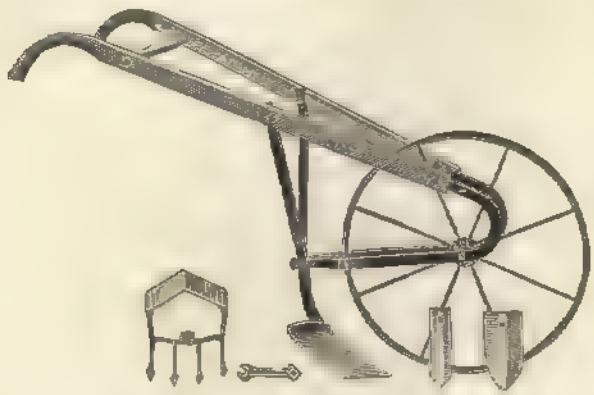
GARDEN STICKS

Painted Green. Tips White

Length, ft.	3	3½	4	5	6
Approx. diam., ins.	⅞	⅞	⅞	15/16	15/16
Wt. doz., lbs.	6	7¼	8½	15	20
Dozen $1 00	1 20	1 40	1 75	2 00	

Open stock.

WHEEL CULTIVATORS



Handles can be readily raised or lowered to suit operator. So constructed that the draft can be easily changed to suit different soils, making it popular in all localities. Fully equipped with double end shovel, mouldboard plow with steel landside, wrench, cultivator and weeder. Height of wheel, 24 inches.

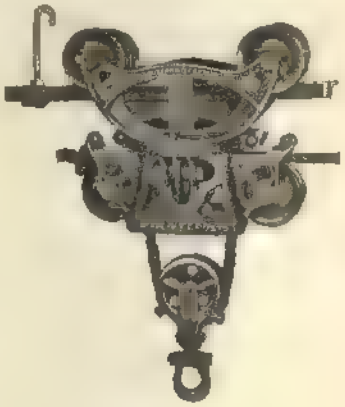
No. 2. Bent wood handles. Wt. ea., 21 lbs. ....Each $5 00

HAY CARRIERS

HUDSON

All Hudson Carriers are equipped with patented positive deadlock. They are manufactured of the best quality malleable iron, strong, easy running, light draft and fully guaranteed.

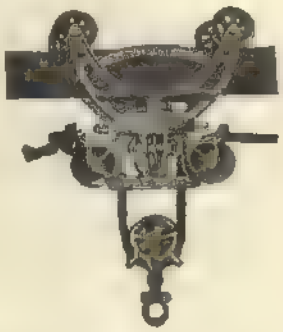
STEEL TRACK



For Manila Rope

No. 326. Swivel and reversible wide mouth. Complete with fork pulley, trip block and two end stops; wheel base, 16 inches; diameter of rope sheaves, 4 inches; diameter of track wheels, 3 inches. Wt. each, 32 lbs.....Each $14 00

WOOD TRACK

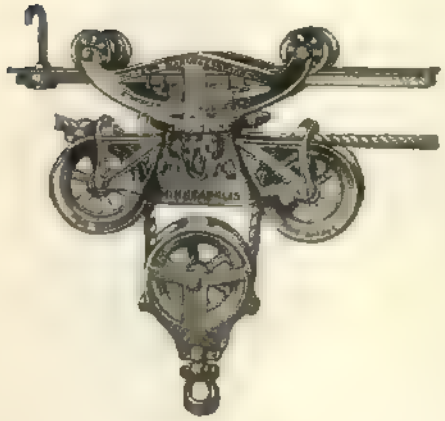


For Manila Rope

No. 50. Swivel and reversible; wide mouth and round topped swinging fork pulley which will register in carrier at any angle of approach. Complete with fork pulley and trip block. Wheel base, 14 inches; diameter of rope sheaves, 4 inches; diameter of track wheels, 3 inches. Wt. each, 32 lbs. .....Each $14 00

HAY CARRIERS

HUDSON



STEEL TRACK

For Wire Cable or Manila Rope.

No. 262. Swivel and reversible; wide mouth; a carrier of unusual strength and capacity for heavy duty. The sheaves are so designed as to be suitable for wire cable or Manila rope. Wheel base, 16 inches, diameter of rope sheaves, 7 inches; diameter of track wheels, 3 inches. Guaranteed to lift 3000 lbs. Wt. each, 42 lbs.....Each **$20 00**

WOOD TRACK

No. 262W. Same as No.262 except for wood track.Ea. **$20 00**

Adjustable Trucks Used on Hudson Hay Carriers for Steel Track.

The above cuts show method of adjusting trucks to fit practically any steel track. All that is necessary is to have proper trip block.

STEEL TRACK

HAY CARRIER

HUDSON

Rust-Proof.

The Hudson is the strongest steel track made and the simplest to erect. Each section is composed of two pieces of high carbon angle steel securely held together by malleable clamps and one-half inch bolts. It is very easy to join these sections and erect a track the required length. A wrench is the only tool needed. No drilling of holes nor riveting necessary. Track is two and one-half inches wide. Sections of track are five, eight and ten feet in length.

No. 401. With couplings. Wt. 100 ft., 240 lbs.100 Feet **$40 00**

TRIP BLOCKS

HUDSON

For Adjustable Hay Carriers.

No. 48. To fit Louden and Porter.....Each **$1 00**

No. 43. To fit Ney and Olson..... ..Each **$1 00**

No. 49. To fit Myers..... ..Each **$1 00**

No. 47. To fit Star. (Hunt, Helm, Ferris).....Each **$0 90**

We recommend that dealer carries extra trip blocks in stock. In installing Hudson adjustable carriers for other makes of track than Hudson, the proper trip block must be furnished.

EYES OR HANGERS

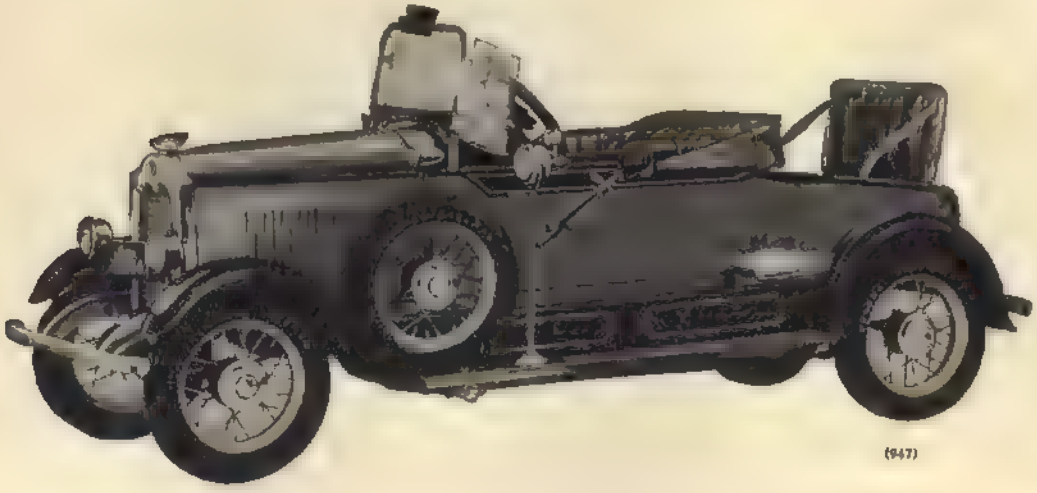
FOR STEEL TRACK

No. 288. Malleable Iron. 5 inches long. Wt. doz., 4 lbs. ....Dozn **$2 40**

RAFTER BRACKETS

No. 249S. Malleable Iron. Wt. doz., 4½ lbs....Dozen **$1 80**

They're riding on AIR



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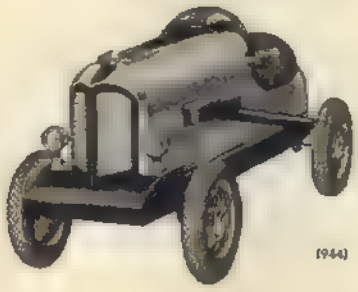
THREE SMASHING HITS EQUIPPED WITH PNEUMATIC BALLOON TIRES



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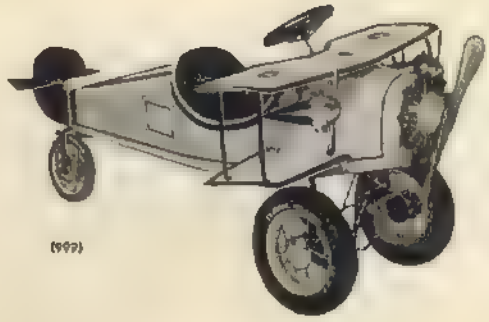


(992)

If you haven't seen these three gorgeous new additions to the Gendron Pioneer line, you haven't seen the ne plus ultra in wheel goods. Incomparably beautiful, realistically designed . . . they are years ahead of anything ever offered to the trade. No wonder they were the sensation of the New York Toy fair. See them for yourself at the Chicago Toy fair . . . Palmer House . . . Suite 785-6-7. Or better still, write or wire for complete details and samples.

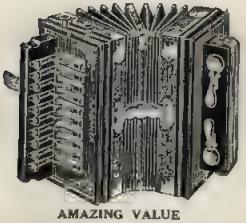
Gendron
"Pioneer Line"
Vehicles for Children

THE GENDRON WHEEL COMPANY FACTORY
TOLEDO, OHIO
New York Office, 7 E. 17th St.

Truly THE GREATEST NAME IN WHEEL GOODS

Start your letter right: "I saw your ad in PLAYTHINGS."

Hohner Piano Keyboard Accordions



AMAZING VALUE

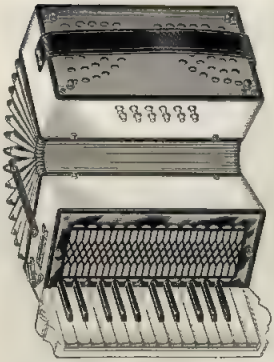
This is a Steel Reed Hohner Accordion, with highly polished chromed frames and keyboard. The panels are in mahogany finish. The top panel is decorated in silver. The double bellows has nickel corner protectors and patent self-acting spring clasps. Corner trimmings are finely nickel plated. Has 10 pearl keys, 2 basses, 2 sets of steel reeds, 2 metal stops. The size is 5¾x10⅝ inches. Fully guaranteed. Look at our price!

9G70150 PRICE **$15.00**

HAND CARVED PANELS

The genuine Hohner Accordion illustrated above has ebonized frames and keyboard, with panels hand carved in a fancy scroll design. The 10-fold leatherette covered bellows has metal-plated trimmings, leatherette clasps, 10 imitation bone button keys 4 bass keys, 2 sets of reeds. The size is 5¾x10¼ inches. Very good results may be had with this accordion, which sells at an unusually low price.

9G70151 PRICE **$20.00**



5 GLORIOUS NEW MODELS

These magnificent Hohner Accordions can only be fully appreciated by actual inspection. The frames, keyboard and back panels are of white celluloid, Frames are neatly embellished with fine black strip inlay. Front of upper and lower frames are decorated with colored design, set with large rhinestones. Top metal panel is of white enamel; lattice work pattern, with gauze background. Bellows are comprised of 16 extra deep folds covered with specially prepared, white air-tight cloth, extra enamelled, white air-tight lining on edges inside and outside, nickel plated corner protectors. Finest quality leather clasps, base and shoulder straps. Each Accordion has a substantial and fine looking carrying case constructed of black fibre, felt lined, fitted with heavy nuts, hinges, catches, lock and key sturdy handle. Your choice of 5 models, ranging in price from $30.00 to $350.00, savings of 25%.

With 25 black and white treble piano keys, 2 chromatic octaves, 12 black bass keys in 2 rows, 2 sets of hand filed steel reeds. Size 6x11¾ inches. (As illustrated.)

9G70154 PRICE **$91.00**

With 26 black and white treble piano keys, 2 chromatic octaves, 24 black bass keys in 3 rows, 2 sets of hand filed steel reeds. Size 7x12¾ inches.

9G70155 PRICE **$154.00**

With 34 black and white treble piano keys, 2½ chromatic octaves, 48 black bass keys in 4 rows, 2 sets of hand filed steel reeds. Size 7x15⅝ inches.

9G70156 PRICE **$240.00**

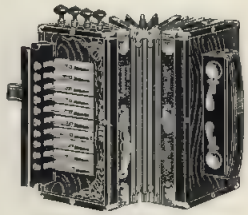
With 39 black and white treble piano keys, 3 chromatic octaves, 60 black bass keys in 4 rows, 2 sets of hand filed steel reeds. Size 7x17¾ inches.

9G70157 PRICE **$280.00**

With 41 black and white treble piano keys, 3¼ chromatic octaves, 80 black bass keys in 5 rows, 3 sets of hand filed steel reeds. Size 7¼x18⅝ inches. This instrument is equipped with an octave coupler or mechanical apparatus at the edge of the keyboard by means of which one set of reeds may be thrown on or off.

9G70158 PRICE **$360.00**

Famous for their Clarity and Tone



DECORATED EBONY AND MAHOGANY FINISH

The frames and keyboard of this genuine steel Hohner accordion are of polished ebonized finish. The panels are in mahogany finish with gold decorations on top panel. Durable bellows with nickel corner protectors; patent, self-acting spring clasps. Stradella corners finely nickel plated. Has 10 metal button keys, 3 basses, 4 sets of steel reeds; 4 wooden stops. The size is 7¼x12½ inches. One of our best sellers.

9G70152 PRICE **$28.50**

STRADELLA WALNUT FINISH

We show for the first time, this Stradella model Hohner accordion. The entire instrument is in walnut finish, highly polished. Both frames are reed reed with heavy nickel plated Stradella corners. There are 16 extra deep leatherette folds with nickel corner protectors. The top panel is hand carved in a tasteful scroll design. The frames are attractively embellished with die-sunk border impressions resembling color inlay. Closed keyboard, 21 imitation bone button keys; 8 pearl button bass keys; 4 sets of reeds; leather straps and clasps. The size is 6x11⅛ inches.

9G70153 PRICE **$35.50**

German made bow of round Brazil wood, hand polished and finished in medium red-brown. White bone tip; genuine ebony frog. Full German silver lined with pearl slide and pearl eye. Solid German silver screw. Brown cloth grip.

9G70159 PRICE **$2.00**

Imported German Bows of excellent quality and moderate price.

This violin bow is made with a good grade Brazil wood stick, round finished in medium brown, genuine ebony frog, half mounted, full lined German silver wire grip.

9G70160 PRICE **$4.25**

We supply full 4/4 size Bows unless 1/2 or 3/4 are requested. All one price.

Our finest violin bow made of carefully selected Fernambuco, round finished in dark cherry, hand polished. Fine hand finished, genuine ebony full German silver lined frog. German silver wire grip.

9G70161 PRICE **$10.00**

Violins and Violin Outfits

Authentic Reproductions of the Old Masters' Favorite Models

COMPLETE VIOLIN OUTFITS FROM $25.00 TO $100.00

The violin outfits described below were selected with great care. Each instrument is hand picked and tested, insuring absolute correctness in every detail, and perfect tone quality. All of these violins are made in Germany by experienced makers, and you are sure of receiving maximum value both as to tone and appearance. The case, bow and accessories appropriate for the instrument are included with each outfit.

Any of these outfits may be had in full, ¾ or ½ size violin. Unless otherwise requested, we supply full size. Price is the same on all sizes

$25

BEGINNERS' VIOLIN OUTFIT

Violin: Handsome, German made violin of medium dark brown color, artistically shaded. The top is of good spruce, with flamed maple back and sides; purfling inlaid maple neck; good ebony finish, hardwood trimmings throughout. Correctly adjusted; good appearance. Your choice of three sizes

Bow: Made of good quality Brazil-wood, genuine ebony frog; full German silver lined. Leather grip.

Case: Morocco grained Keratorma covered fiber-board body; full felt lined, leather handle; nickel-plated metal trimmings, side opening.

Balance of outfit consists of: One piece of good quality rosin; one Becker chin-rest one ebony mute, one E String Adjuster, one Pochland shoulder pad, one set of good quality gut strings and one Herold's instruction book.

9G70104 PRICE..... **$25.00**

$75

STANDARD UNIVERSAL OUTFIT

Violin: Famous "Antonio Loveri." This very handsome model is built of carefully selected materials, in a medium, nut-brown color, semi-dull finish, slightly shaded. The back, neck and sides are of two-piece curly maple; the top is of extra selected spruce. Genuine black ebony is used for the trimmings throughout. Wonderful tone.

Bow: Vibria Model. Genuine Pernambuco, octagon, natural brown, satin finish; best quality bleached hair; red leather ferrule and thumb-rest; genuine ebony frog. Trimmed with Abalone pearl and German silver

Case: Fine black Keratol sealgrain covering on substantial three-ply shell; rich silk plush lining with two compartments for accessories

Balance of outfit consists of chin rest, set of strings, tuning pipe instruction book, mute, rosin, E string adjuster and shoulder pad

9G70106 PRICE..... **$75.00**

$50

ADVANCED STUDENTS' VIOLIN OUTFIT

Violin: Exceptionally fine German model Neat design, clean workmanship, wonderful tone; made of carefully selected, well-seasoned material; fine two-piece flamed maple back with sides to match; fine curly maple neck, and carefully selected spruce top. Is trimmed with genuine black ebony throughout. The finish is in a nice medium mahogany, somewhat shaded

Bow: Lupot model. Brazil wood, natural brown color, fine quality bleached hair, silver thread grip, genuine ebony frog. Finely trimmed.

Case: Fine black seal grain Keratol, velvet lined, nickel trim. Very handsome and substantial.

Balance of outfit consists of chin rest, set of strings, tuning pipe, instruction book, mute and rosin

9G70105 PRICE..... **$50.00**

$100

PROFESSIONAL OUTFIT

Violin: Rich brown mahogany "Loveri Violin." Made of fine, close grained woods with back, neck and sides of exceptionally fine maple; the top is of selected spruce. The trimmings throughout are of best ebony. A wonderful instrument both in workmanship and material.

Bow: Bausch Model. Genuine Pernambuco, octagon, natural) light brown, satin finish, first quality bleached hair. Has genuine ebony frog decorated with Abalone pearl and pure silver, perfectly balanced.

Case: Embossed black seal grain leather covered case, full silk plush lined. Two compartments for accessories

Balance of outfit consists of mute, chin rest, E string adjuster, shoulder pad, set of strings, tuning pipe, rosin and instruction book

9G70107 PRICE..... **$100 00**

EXCELLENT "ANTONIO LOVERI" VIOLIN

This is the exceptionally fine "Antonio Loveri" Violin offered in the Standard Universal Outfit 9G70106 described above. It is of medium, nut brown color, semi-dull finish, slightly shaded, carefully selected, two-piece curly maple neck and sides to match. Extra selected spruce top. Very handsome model; genuine black ebony trimmings throughout; wonderful tone. Is made in full and ¾ size, both the same price We supply full size unless you state otherwise on your order. We are featuring this model at an astonishingly low price

9G70108 PRICE..... **$55.00**

REPRODUCTION OF OLD MASTER

Exact copy of old Master Violin. Nut-brown color strongly shaded in imitation of old; carefully selected curly one-piece back with sides and neck to match, extra selected close grained spruce top with finest genuine ebony trimmings. A very handsome model with a magnificent flexible tone.

9G70109 PRICE, Full Size..... **$75.00**

Gibbs Toys Guarantee Expert Workmanship with Surpassing Value

INSPECT Gibbs Toys closely, and you'll find all the important "little things" accounted for in respect to design, workmanship, and appearance. Gibbs Toys have a trick of resting lightly on your shelves and moving rapidly to make way for fresh stocks. The numbers shown on this page are typical of Gibbs' complete line of profit-earning toys. Write for the Gibbs Catalog in actual colors.

Gibbs Passenger Plane No. 37

Beautifully enamelled in four bright colors. Up to the minute in every detail. Fuselage of the latest type, with enclosed cabin. Stoutly made of wood, 11 inches long, 10 inches wide. Packed one to a box. "No. 37" sells fast at 50c retail.

Feature *Bang Ball*-- a Clever Leader for Your Toy Department

No. 150 Bang Ball for 2 Players

Bang Ball is more than a toy—it's a game, and a fascinating game for kiddies or grown-ups. The set consists of two brightly colored celluloid balls, and two 10-inch guns enamelled in four attractive colors. The display box has a 5-color lithographed label.

No. 151 Bang Ball for One

No. 150—Bang Ball for 2. Retails at $1.00.
No. 151—Bang Ball for 1. Retails at 50c.

Gibbs Lumber Truck No. 38

Its bright color scheme (enamelled) catches the eye instantly. Ready to go, loaded with smooth lumber for building play structures. A sturdy, all-wood toy 12 inches long. One toy in box. "No. 38" is a snappy 50c number.

Here's a Real Winner—

The New O-HI-O Climbing Top (No. 6)

You'll be surprised and pleased with the smooth, light running of this extra quality come-back top. Children like to parade their knack of "making it climb." Enamelled by hand in striking color combinations. Packed 2 dozen to box. The "New O-HI-O" No. 6, measures 9 inches around, and is an exceptional 10c item.

THE GIBBS MANUFACTURING COMPANY, CANTON, OHIO

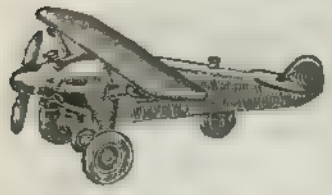
NEW YORK AGENTS
The Owens-Kreuzer Co. — Strobel-Wilken Co., Inc.
Baker and Bennett Co. — Mullin & McKean
Louis Wolf & Co., Inc.

PACIFIC COAST AGENT
G. E. Dalton Co.
Los Angeles Calif. — San Francisco, Calif.

GIBBS TOYS

AEROPLANE BUILDERS

SCHOENHUT



Consists of accurately cut hardwood parts that fit together perfectly, enameled in attractive colors. Metal propeller which revolves when aeroplane is properly assembled and pulled over the floor. Provides instructive entertainment for all children.

Per Doz

No. 44—Length over all 15 ins..... $25 50

One in lithographed cardboard box; wt per doz 4½ lbs.

FILMS

For Keystone Machines.

Non-inflammable standard gauge 1¾ inches wide. There is no choice of subject in these films as they are supplied from used films from the different studios; however each subject is full of action and no two alike.

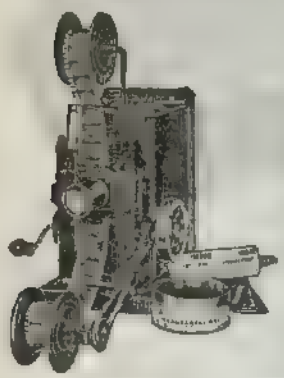
Per Doz

No. 434—Length reel 30 ft; wt per doz 5 lbs..... $ 6 30
No. 437—Length reel 50 ft; wt per doz 9 lbs..... 12 75
No. 438—Length reel 100 ft; wt per doz 16½..... 22 50

One reel in can.

TOY MOTION PICTURE MACHINES

Rewind Model.



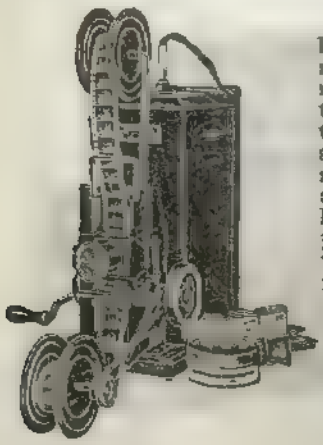
Steel case, leather pattern, baked crystalized enamel finish mounted on wood base. Equipment consists, of one reel, 6 feet of standard gauge non-inflammable film subject Tom Mix film catalog slides, theatre tickets, bill posters, operators, officers and ticket takers badges, arm bands for the ushers and instructions for operating. Complete with 6 feet of cord and stationary plug. Size picture 36x48 inches, however by using a larger bulb the machine can be placed further from wall resulting in a larger picture.

Each

No. 575—Height 10 ins; length 8¾ ins; width 5¾ ins $12 75

One in carton; wt each 6 lbs.

Rewind Model.



Steel case leather model, baked crystalized enamel finish, mounted on wood base with rubber tabs to prevent scarring the furniture, nickel plated trimmings. Equipment consists of one reel, 10 feet of standard gauge non-inflammable film, adjuster for electric bulb, catalog, slides, theatre tickets, bill posters, operators, officers and ticket takers badges, arm bands for the ushers and instructions for operating. Complete with 6 feet of cord and stationary plug. Size pictures 45x60 inches, however by using larger bulb the machine can be placed further from wall resulting in a larger picture.

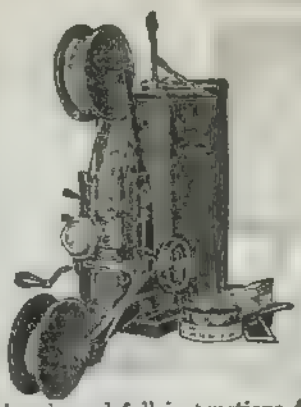
Each

No. 198—Height 19 ins; length 14¾ ins; width 6¾ ins..... $22 50

One in carton; wt each 9½ lbs.

TOY MOTION PICTURE MACHINES

KEYSTONE, Rewind Model.



Steel case, baked crystalized enameled finish, nickel trimmings; hardwood base with rubber tabs on bottom to prevent scarring furniture; rewind pulley; polished fly wheel; sprocket barrel with rollers so that film will not come off or tear. Equipment consists of extra large lens tube, with lens adjusting mechanism, and three powerful lenses, including condensing lens, highly polished reflector, one compartment slide, U-draw-em slide, 100 theater tickets, supply of bill posters, officers, ticket takers and operators badges, ushers arm bands and full instructions for operating; 25 feet of standard gauge, non-inflammable film.

Complete with 6 feet of cord and separable attachment plug.

Size pictures 60x72 inches, however by using a larger bulb the machine can be placed further from wall resulting in a larger picture.

Each

No. 261—Height 19 ins; length 14¾ ins; width 6¾ ins... $33 00

One in carton; wt each 10½ lbs.

SAILING YACHTS

SCHOENHUT

Solid hardwood hull, good quality heavy material sails.

Nos.	801	803	808
Length, ins	11	13	18
Beam, ins	2¼	8¼	4¾
Wt per doz, lbs	8	16½	36
Per Doz	$12 75	27 00	54 00

One in cardboard box.

TOY BOATS

Mystery Speed Boat.

Constructed of metal, attractively enameled dark green hull and bright red deck.

Easy to operate, and will run 46 minutes on one half spoonful of canned heat, has loud chug resembling big motor boat. Can be run in bath tub, dish pan or in pond or any stream of water.

Per Doz

No. 1—Length 9 ins..... $12 75

One in cardboard box; wt per doz ¼ lbs.

TOY STEAM ENGINES

WEEDEN

UPRIGHT

Blued steel boiler with iron fire box, metal base, attractively finished in red and gold; nickel plated balance wheel, alcohol lamp. Complete with instructions for operating.

Per Doz

No. 238—Height 9¼ ins; diam base 3¾ ins; diam balance wheel 2 ins..... $17 25

One in carton; wt per doz 12 lbs.

UPRIGHT

Blued steel boiler with iron fire box, metal base, attractively finished in red and gold nickel plated balance wheel; brass whistles. Alcohol lamp. Complete with instructions for operating.

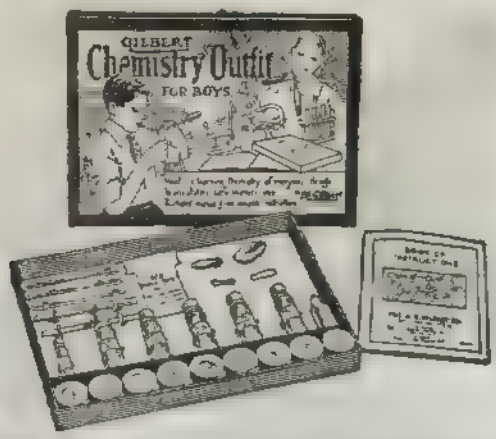
Per Doz

No. 239—Height 11 ins; diam base 4½ ins; diam balance wheel 2½ ins..... $27 75

One in carton; wt per doz 15 lbs.

CHEMISTRY OUTFITS

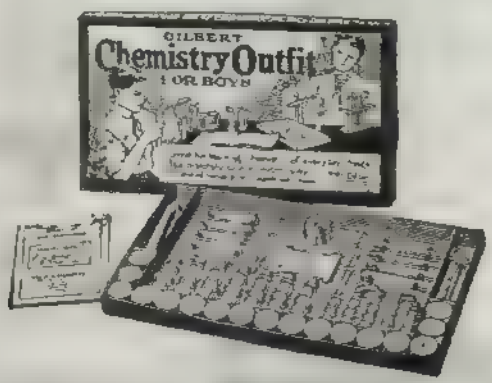
A. C. GILBERT CO.



Contains an assortment of chemicals for performing many startling effects. Complete with illustrated book of instructions. Size 8⅝x12⅜x1 inch.

	Per Set
No. 5007—Wt per set 1½ lbs	2 25 *$1 00*

One set in cardboard box.



Contains a full assortment of chemicals for the amateur. Instructions for making dye, nickel plating and many other interesting experiments, booklet included on glass blowing. Size 10x18x1½ inches.

	Per Set
No. 5008—Wt per set 2½ lbs	6 75 *$3 00*

One set in cardboard box.

Contains a full assortment of harmless chemicals of all kinds with necessary equipment for performing 284 experiments. Manuals on chemistry and glass blowing included. Stained hardwood cabinet with separate tray. Size 21¼x8¼x3¼ inches.

	Per Set
No. 5009—Wt per set 5 lbs	12 75 *$5 50*

One set in wood box.

ARCHITECTURAL OUTFITS

D 7

BUILT EZ

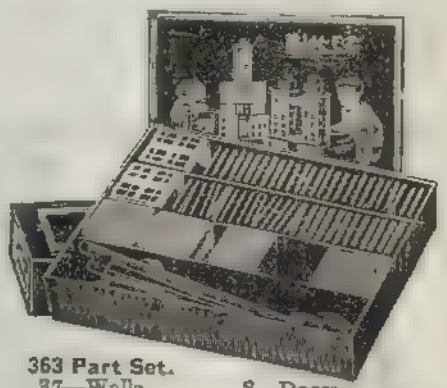
Composed of accurately stamped steel parts, uniform in size, grooved to fit one into the other, enameled assorted colors. Furnished with windows, floors, frictions, walls, doors, cornices, baclonies etc, everything necessary to build any type of building also tunnels trestles etc. All parts interchangeable. Complete with book of instructions and plans of various structures.

70 Part Set.

Contains the following:

14—Floors.
10—Frictions.
10—Walls.
23—Windows.
2—Doors.
10—Cornices.
1—Balcony.

	Per Set
No. 10—Wt per set 1½ lbs	2 10 *$1 00*



259 Part Set.

Contains the following:

45—Floors.
90—Frictions.
33—Walls.
58—Windows.
6—Doors.
24—Cornices.
3—Balconies.

	Per Set
No. 35—Wt set 5½ lbs	7 50 *$3 50*

363 Part Set.

72—Floors.
110—Frictions.
4—Balconies.
37—Walls.
92—Windows.
8—Doors.
40—Cornices.

	Per Set
No. 50—Wt per set 6½ lbs	10 50 *$5 00*

513 Part Set.

110—Floors.
150—Frictions.
8—Balconies.
50—Walls.
127—Windows.
12—Doors.
56—Cornices.

	Per Set
No. 75—Wt per set 8½ lbs	$16 50 *$7 50*

One set in partitioned cardboard box

733 Part Set.

152 Floors.
85—Walls
176—Windows.
232—Frictions.
64 Cornices.
14—Doors.
10—Balconies.

	Per Set
No. 100—Wt per set 12½ lbs	21 00 *$10 00*

One set in partitioned cardboard box

Colonial Model Banjo Clocks

8-DAY STRIKE

Banjo model. Mahogany finished clock, 34½ in. high, 10⅝ in. wide. Has brass sides, eagle top and colored picture on glass. Fitted with a New Haven 8-day pendulum movement striking the hours and halves. An outstanding Banjo clock.

2G25111 PRICE **$34.50**

NORMANDY CHIME

Mahogany finished Banjo clock, measuring 30 in. high and having a 5½ in. silvered dial. The panel is Walnut burl; the decoration on the glass is delightfully colored. Fitted with Gilbert 8-day pendulum movement, striking the hours and halves on Normandy two-tone chimes. Shipping weight 15 lbs.

2G25112 PRICE **$31.00**

LONG PENDULUM

Mahogany finished Wall Clock, graceful in design and an excellent time-keeper because of the extra long pendulum. Has 8-day movement strikes hours and halves on two-tone Normandy chime. Has square silvered dial. Height 24 in., width 8 in. Ideal for home or office.

2G25113 PRICE **$26.50**

TIME ONLY

Mahogany finished Banjo clock, standing 32½ in. high and 7⅜ in. wide. Has 6 in. ivory colored dial and gold plated sash. Fitted with 8-day lever movement. Will run in any position. Has brass sides and eagle, colored illustration on glass, and decorated panel. (It does not strike).

2G25114 PRICE **$17.00**

HALF HOUR 2-ROD STRIKE

Sessions Banjo of many features, 37 in. long and 9¾ in. wide. The case is Mahogany finished, has decorated panel and delightful, colored picture on glass. Has convex crystal, polished brass sash, silvered dial and etched figures. The 8-day pendulum movement strikes the hours and halves on 2-rod chime. Has brass sides and eagle.

2G25115 PRICE **$27.50**

8-DAY TIME-LEVER MOVEMENT

For those who want neither strike nor pendulum, this Banjo clock is recommended. Height 22⅝ in.; width 7⅝ in. The case is Mahogany finished with inlay design. Has 5-in. silvered dial, polished brass sash, brass side pieces and eagle. Attractive panel in colors.

2G25116 PRICE **$18.00**

COLONIAL HALF HOUR STRIKE

Gilbert has made clocks since 1807. Then, as now, this clock was a favorite. Has a Colonial hand rubbed Mahogany finished case of authentic design. The movement is an 8-day pendulum, striking the hours and halves on cathedral gong. Height 16 in., dial 6 in. Weight 12 lbs. packed.

2G25117 PRICE **$26.00**

8-DAY LEVER-TIME BANJO

Green lacquered case, richly decorated, standing 23½ in. high. Fitted with 8-day Gilbert lever (no pendulum) movement keeping good time in any position. The dial is silvered, 5½ in. in diameter, and has brass finished sash, side pieces and eagle. Does not strike.

2G25118 PRICE **$16.00**

American Made Westminster Chime Clocks

Values Never Before Equalled

All of the clocks shown on this and the following page play the world famous chime of Westminster Abbey. The notes above show the chime that is played each quarter hour. On the full hour, the chime is followed by melodious, harmonizing strike, announcing the time.

SOLID MAHOGANY WESTMINSTER CHIME

Handsome, solid Mahogany case with burl panels, all hand rubbed, measuring 21¾ in. long and 16½ in high. It is fitted with Sessions Westminster Chime movement, playing the famous Westminster Chime on the quarter hours, and striking on 8 chorded gong the hours, following the chime. Has silvered dial with raised figures.

2G25119 PRICE **$60.00**

UPRIGHT MODEL SESSIONS

An upright design of unusual beauty. The case is made of solid Mahogany ornamented with an exquisite oval panel of Mahogany Burl. Fitted with 8-day Sessions Westminster Chime movement, playing the famous melody and striking the hour on a harmonizing chord. Has large silvered dial, cast brass sash, convex glass, and every other feature making it a clock of beauty and a worthy time-keeper. Size, 14⅝ in high, 11½ in wide.

2G25120 PRICE **$60.00**

BANJO WESTMINSTER

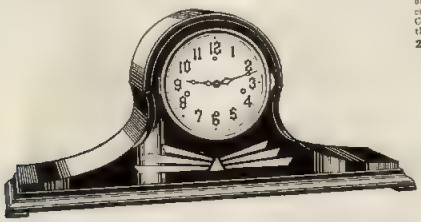
Handsome New Haven Banjo with Westminster Chime; height 34¾ in; width 10⅝ in., silvered dial 6 in. Case is Mahogany finished, has brass sides, eagle top, and decorated panels in color. Has 8-day pendulum movement with Westminster Chime and strike.

7G25124 PRICE **$72.50**

FULL WESTMINSTER CHIME—A GREAT VALUE

Knowing the great love that everyone has for the Westminster Chime, Sessions has been successful in their attempt to build one within the reach of every pocketbook. The case is 21 in long, stands 10 in. high and has a 6 in silvered dial with raised gold numerals. The case is in Mahogany finish with an inlay effect. Has polished brass sash, convex glass, and a new 8-day Westminster Chime movement, chiming each quarter hour and striking on the hour. An achievement in clock making, when one considers that, until recently, no good Westminster Chime could be had for less than $100.00.

2G25121 PRICE **$45.00**



FULL WESTMINSTER CHIME WITH CHORDED STRIKE

This clock tells time melodiously. Each quarter hour it chimes of silver-clear tone you will hear the delightful Westminster melody. At the hour it strikes on a rich chord. The movement is an 8-day self-winding, 3-train chime and strike. The case is of solid Mahogany finish in Dixie red hand rubbed. The case is 21 in long, height 16 in., dial 6 in. The dial is silvered and has raised numerals. The crystal is convex and has a polished sash. (This clock requires a mantel 8 in. deep.)

7G25122 PRICE **$52.50**

ABBEY DESIGN WESTMINSTER CHIME

Built like a Gothic tower, this case adds dignity to any mantel. The detail is hand carved and the case is solid Mahogany throughout, in a satin, antique finish. It stands 15¾ inches high and has a base 10¾ in. wide. The dial measures 6 in. and has a cast sash and beveled convex crystal. The dial is silvered and has raised numerals. The movement is an 8-day pendulum 3 train, with Westminster Chime and chorded strike. As handsome a clock as anyone could wish for.

7G25123 PRICE **$115.00**

SAFETY RAZORS

GILLETTE NEW IMPROVED TYPE

The new improved Gillette safety razors fitted with the fulcrum shoulder and overhanging cap provide straight edges acting on the blade to produce an adjustable short flexure which results in a straight and extremely rigid shaving edge in all positions of adjustment.

NEW STANDARD

New improved razor. Metal blade box. Genuine leather covered case, purple velvet and satin lined.

With 10 Double Edged Blades.

	Each
No. 40-S—New Standard silver	10 80
	$5 00
No. 40-SG—New Standard gold	10 80
	5 00

One in cardboard box; wt each ½ lb.

GILLETTE, TUCKAWAY

New improved razor, metal blade box. Metal case, purple velvet and satin lined

With 10 Double Edged Blades.

	Each
No. 43-T—Tuckaway silver	10 80
	$5 00
No. 43-TG—Tuckaway gold	10 80
	5 00

One in cardboard box; wt each ½ lb.

GILLETTE, BOSTONIAN

New improved razor, metal blade box. Metal case, purple velvet and satin lined, opening cover automatically raises tray containing razor and blade box.

With 10 Double Edged Blades.

	Each
No. 41-S—Bostonian silver	10 80
	$5 00
No. 41-SG—Bostonian gold	14 85
	6 00

One in cardboard box; wt each ½ lb.

GILLETTE BIG FELLOW

New improved razor. Metal case lined with purple velvet. Metal blade box. Size case 4⅛x2⅛x1¼ inches.

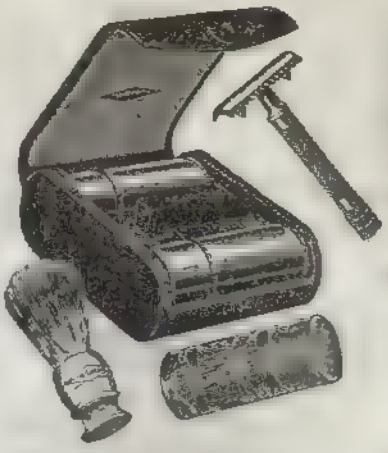
With 5 Double Edged Blades.

	Each
No. 18FS—Silver plated case, razor and blade box	10 80
	$5 00
No. 18FG—Gold plated case, razor and blade box	10 80
	5 00

One in cloth bag, in cardboard box; wt each ½ lb.

SAFETY RAZOR SETS

GILLETTE TRAVELER, SILVER



New improved razor, shaving brush and stick of Gillette shaving soap in metal containers. Metal blade box. Genuine leather case, purple and satin lined.

With 10 Double Edged Blades.

	Each
No. 00—Triple silver plated	18 60
	$7 50

One in cardboard box; wt each ½ lb.

GILLETTE TRAVELER, GOLD

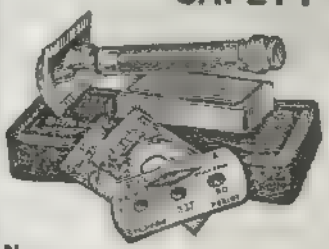
New improved razor, shaving brush and stick of Gillette shaving soap in metal containers; mirror 3¼x3¼ inches fitted into pocket in cover. Metal blade box. Genuine leather case, purple velvet and satin lined.

With 10 Double Edged Blades.

	Each
No. 17G—Gold plated	24 75
	$10 00

One in cardboard box; wt each ½ lb.

SAFETY RAZORS



GILLETTE, OLD TYPE SHAWMUT SET

Gold plated razor and blade box. Two tone green case, velveteen lined, paneled cover with attractive gold body, size 4⅛x2x1⅝ inches.

With 1 Double Edged Blade.

No.	SG-1
1 to 50, Each	2 10
50 to 99, Each	1 95
100 or more, Each	1 88
List, Each	*$1 00*

One in cardboard box; wt each ¼ ozs.

SAFETY RAZOR BLADES

GILLETTE "NEW PROCESS"

For all Gillette Safety Razors. All blades wrapped in wax paper.

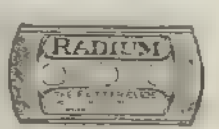
	Per Pkg
No. P—5 blades in paper box	1 20
	$0 60
No. M—10 blades in paper box	2 40
	1 00

No. P, 20 pkgs in carton; No. M, 10 pkgs in carton.

RADIUM, For All Gillette Razors.

High grade Swedish spring steel blade, ground and polished on both sides. Long deep bevels give a long lasting cutting edge. Absolutely flat permitting the use of all stropping devices.

5 blades in paper box.



No.	5R
Less than 20 pkgs, Per Pkg	81
20 to 99 pkgs, Per Pkg	78
100 or more pkgs, Per Pkg	75

20 pkgs in cardboard counter display box; wt per box ½ lb. $0 38

SAFETY RAZOR SETS

DURHAM DUPLEX STANDARD SET

Consists of nickel plated Durham Duplex razor with grained white celluloid handle. Attractive grained white celluloid case with gilt hinges. Furnished with stropping attachment.

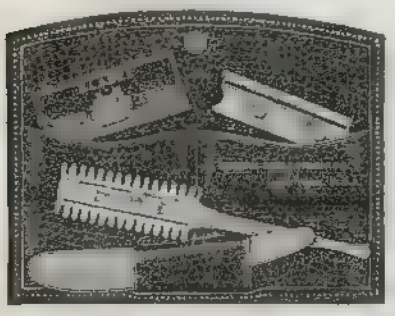
Each

No. 1-AD—With 1 package of 5 interchangeable double edged Durham Duplex blades 2 55
One in carton; wt each 3 ozs. *$1 00*

DURHAM DUPLEX DU BARRY SET

Consists of nickel plated Durham-Duplex safety razor and one package of five double edged interchangeable blades. Attractive grained white celluloid case with gilt hinges and clasp. Each

No. 00-D—With 1 package of 5 double edged interchangeable Durham Duplex blades 2 40
One in carton; wt each 3 ozs. *$1 00*



DURHAM DUPLEX

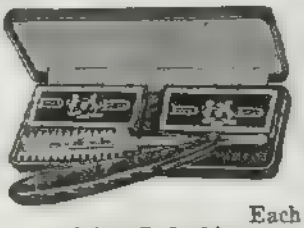
Set consists of nickel plated razor with grained celluloid handle, and stropping attachment. Flexible leather roll with glove fastener clasp.

Each

No. 2D—With 1 package of 5 interchangeable Durham Duplex double edged blades 2 40
One in cardboard box; wt each 3 ozs. *$1 00*

SAFETY RAZORS

DURHAM DUPLEX



Consists of regular Durham Duplex razor with celluloid handle, mahogany finish; nickel plated holder and two packages of 5 blades each. Blue imitation leather covered case, lined with blue velveteen and champagne colored satin, size 6x1½x¾ inches.

Each

No. 10—With 2 packages, each containing 5 double edged interchangeable blades 3 00
One in cardboard box; wt each 5 ozs. *$1 50*

SAFETY RAZOR SETS

DURHAM DUPLEX

Consists of one Durham Duplex razor with nickel plated safety guard and composite, mahogany colored handle mounted in white grained celluloid platform case, 6x1½x¾ inches. Each

No. 7—With 2 packages, each containing 5 double edged interchangeable blades 3 00
One in cardboard box; wt each 5 ozs. *$1 50*

SAFETY RAZOR SETS

DURHAM DUPLEX

Consists of one nickel plated, Du Barry type Durham Duplex safety razor mounted in imitation leather covered metal case, size 3¾x3⅛x¾ inches.

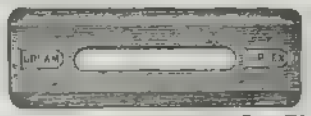
Each

No. 6—With 2 packages, each containing 5 double edged interchangeable blades 3 00 *$1 50*
One in cardboard box; wt each 7 ozs.

SAFETY RAZOR BLADES

DURHAM DUPLEX

Finest carbonized steel, correctly tempered, ground on two edges, honed and stropped.

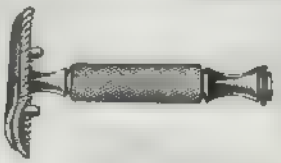


Per Pkg

No. 5DDB—Five blades in a pkg 1 20 *$0 50*
20 pkgs in a carton; wt per doz blades about 2 ozs.

SAFETY RAZORS

WADE AND BUTCHER

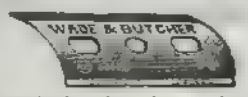


Heavily nickel plated razor, properly balanced. With one double edge curved steel blade. Per Doz

No. 1WB—Wt each ¼ lb ..... ¢ 60
One in cardboard box; one doz in display carton. *$5 00*

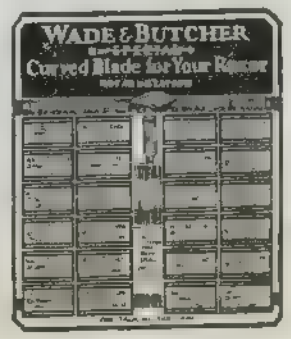
SAFETY RAZOR BLADES

WADE AND BUTCHER



High grade cleverly curved steel blade, three times as thick as the wafer blade, which assures durability, temper, keenness and hardness, will not crack when clamped. Fits all razors in which the blade has to be curved. All blades wrapped in wax paper. Per Pkg

No. 5WB—5 blades in paper box 1 05 *$0 50*
No. 12WB—12 blades in paper box 2 10 *1 00*



WADE & BUTCHER

High grade curved, double edge, steel blade, three times as thick as the wafer blade, which assures durability, temper, keenness and hardness; will not crack when clamped. Fits all safety razors in which the blade has to be curved. All blades wrapped in wax paper.

Per Card

No. 24WB—24 blades mounted on cardboard counter display board $3 45
Wt per card 1 lb.

SAFETY RAZORS

GILLETTE

Berkshire. Brown texol covered new style spectacle case with plain gold border on cover and lined with dark green velveteen.. 24K gold plated new Gillette Safety Razor; gold plated blade box containing 1 new Gillette blade (2 shaving edges) in each set. Wt. ea., ½ lb.....Each **$1 00**

Windsor. Attractive green cross-grain texol covered metal case with double gold border on cover and lined with light brown velveteen. 24K gold plated New Gillette Safety Razor; gold plated blade box containing 1 New Gillette Blade (2 shaving edges) in each set. Wt. ea., ½ lb.....Each **$1 00**

Federal. Strong, sturdy metal case covered with red texol in a modern art design and lined with gray velveteen. Cover is further enhanced by a padding and decorated with an attractive gold border. 24K gold plated new Gillette Safety Razor; gold plated blade box containing 1 New Gillette Blade (2 shaving edges) in each set. Wt. ea., ½ lb. .....Each **$1 00**

Regent. Beautiful blue, futuristic design, texol covered metal case with double gold border on cover and lined with dark blue velveteen. 24K gold plated New Gillette Safety Razor; gold plated blade box containing 1 New Gillette Blade (2 shaving edges) in each set. Wt. ea., ½ lb.....Each **$1 00**

SAFETY RAZOR BLADES

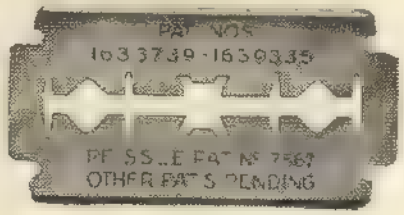
GILLETTE

A new style carton that serves as a container and an attractive display piece. Lithographed also in a new design but retaining the world famous Gillette green and black color scheme. Blade packets are arrangd face up, giving maximum display value and ease of handling. Inside of cover printed in striking colors and when open makes a very attention-getting piece of material in window, show case or on shelf.

5 Blades Package. 20 packages in a carton. Wt.per pkg.,1 oz. Package **$0 50**

10 Blades Package. 10 packages in a carton. Wt.per pkg ,2 oz. Package **$1 00**

PROBAX



Probak. To fit Gillette razors. This blade is made by the Auto Strop Safety Razor Co. Its superior quality gives more shaves per blade than any other of similar type. Five blades in a package, 20 packages in a carton. Wt. pkg. 1 oz. .....Package **$0 50**

KNIFE PURSES

Leather.

Knife Purse. Assorted sizes; with press button fastener. Wt. doz., 2 ozs. .....Dozen **$1 20**

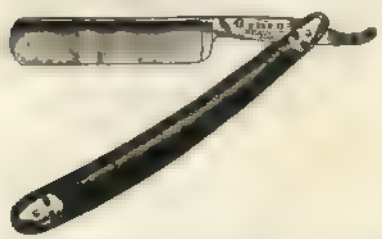
CUTLERY INK

No. 1—Cutlery Ink. Made by Remingto Arms Co. Purple color; easy to apply and easy to remove; will not leave a stain mark after being removed. Size, 1/6 pint. Each can packed in carton. Wt. doz., 3 lbs. Dozen **$7 20**

RAZORS

GENCO BRAND

Henry's X. ⅝ inch; round or square point; ground half concave; finely polished; black oval handle. Wt. doz., 2 lbs. .....Dozen **$18 00**



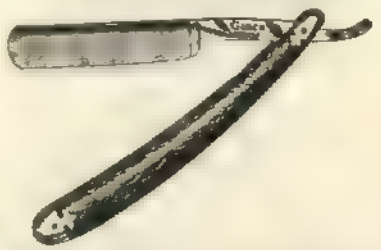
Heavy. 6/8 inch; round or square point; ground half concave with stiff bevel, for heavy beards; black oval handle with metal tips. Wt. doz., 2½ lbs. .....Dozen **$24 00**

All above, half dozen in a box.

RAZORS

GENCO BRAND

Lincoln. ⅝ inch; round or square point; ground special concave, highly polished; black oval handle with square ends and metal ornaments. Wt. doz., 2 lbs. .....Dozen **$27 00**



Seneca Chief. ⅝ inch; round or square point; ground full concave, finely polished; red cocobolo, oval handle with flat tips. Wt. doz., 2 lbs. .....Dozen **$30 00**

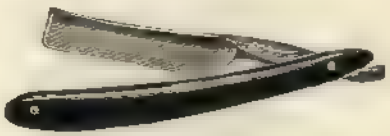
Old Dutch. ⅝ inch; round or square point; forged with special shoulder; ground extra full concave; fully polished; celluloid oak finish oval handle with metal ornaments, highly colored Wt. doz., 2 lbs.....Dozen **$36 00**

Gold Seal. Sizes 4/8 and ⅝ inch; round or square point; ground extra full concave with oval tang, highly polished with back and tang heavily gold plated; transparent flat amber handle with beveled edges. Wt. doz., 2 lbs. .....Dozen **$36 00**

All above, half dozen in a box.

WOSTENHOLM

I. X. L.



No. 02363. ⅝ inch; square point; hollow ground; oval rubber handle. Wt. doz., 2 lbs.....Dozen **$54 00**

Half dozen in a box.

BOKER BRAND

No. 100.

No. 100—Red Injun. ½ inch; square point; special full Hamburg ground; filed and gimped tang; oval rubber handle. Wt. doz., 2 lbs. .....Dozen **$66 00**

No. 101—Red Injun. ⅝ inch; square point; special full Hamburg ground; filed and gimped tang; oval rubber handle. Wt. doz., 2¼ lbs....Dozen **$66 00**

No. 101—Rd. Pt. Same as No. 101 with round point. Wt. doz., 2¼ lbs. ....Dozen **$66 00**

Half dozen in a box.

No. 1081. Six razors in satin lined leatherette case; assorted crocus polished blades; assorted fancy handles. Wt. case, 2¾ lbs. .....Case **$30 00**

Fully Guaranteed "Gironde" Perfume Atomizers

From this excellent representation of these celebrated "GIRONDE" Perfume Atomizers, you may choose your color preference and design, at prices which are very low. All are fitted with Removable Glass Tubes. All have Solid Brass GOLD PLATED Tops with Silk Crocheted Nets and Cords to match color of Bottle.

A Delightful and Pleasing Birthday, Remembrance or Holiday Gift

ILLUSTRATIONS REDUCED SIZE

GIFTS or UTILITY

PRICES EACH

No. 2839 Each..$2.40

PERFUME ATOMIZER
Pictured at Left
A beautiful Jet Black Perfume Atomizer, exquisitely enriched with contrasting Gold Lines. Height, 6 inches. Well made, inexpensive, and priced very low.
No. 2839 Each .$2 40

PERFUME ATOMIZER
Pictured at Right
A lovely Turgering Opaque Perfume Atomizer enriched with encrusted gold decorations. It has an amber colored stem with gold bands around base. Height 6¼ inches. This attractive color combination is most exquisite and very pretty. Faultlessly made and excellently finished.
No. 2840 Each ..$3.00

No. 2840 Each $3.00

No. 2841 Each $4.75

PERFUME ATOMIZER
Pictured at Left
A beautiful Jade Green Perfume Atomizer enriched with encrusted gold decorations of exquisite pattern. Lower half of stem and base covered with gold in a dull finish. Green colored Crochet covered bulb and cord to match. It is superbly constructed and finished. Height 6¾ inches.
No. 2841 Each .. $4 75

PERFUME ATOMIZER
Pictured at Right
This is a very distinctive and rich design furnished in Pink color glass enriched with artistically cut floral decorations, with pink crochet covered bulb and cord to match. Strictly except one value at this low price. Height 7 inches.
No. 2842 Each. ..$4.75

No. 2842 Each $4.75

No. 2843 Each, $6.00

PERFUME ATOMIZER
Pictured at Left
This is a graceful Perfume Atomizer, made in Amber colored glass with exquisite floral decorations, enriched with dull gold stem and base. Height 7¾ inches. A standard design of pleasing color offered at a very low price.
No. 2843 Each $6.00

PERFUME ATOMIZER
Pictured at Right
A new high grade design this season. A rich canary colored bottle enriched with encrusted gold and black decorations, has fancy dull gold stem and base, while the black colored crochet covered bulb and cord and modernistic shape causes this Perfume Atomizer one of our new creations this season. Height 7½ inches.
No. 2844 Each $6 00

No. 2844 Each $6 00

No. 2845 Each. $7.20

PERFUME ATOMIZER
Pictured at Left
A most graceful perfume atomizer, daintily finished in Blue and encrusted Rich Gold stem, height, 6¼ inches. Very charming and prepossessing in the beautiful color contrast and the excellent workmanship and finish.
No. 2845 Each. $7.20

PERFUME ATOMIZER
Pictured at Right
This is one of the prettiest and most exquisite designs on the market today. Rich Old Rose with encrusted gold decoration extending to stem and base. A very artistic design, faultlessly constructed and finished. Height 7 inches.
No. 2846 Each $9 00

No. 2846 Each $9.00

No. 2847 Each $7.25

PERFUME ATOMIZER
Pictured at Left
An unusually tall and graceful style. Rich Turquoise Opaque Perfume Atomizer enriched with encrusted gold decoration. Finely dull gold stem and base. Black colored crochet covered bulb and cord. Excellent workmanship and finish. Height 8½ inches.
No. 2847 Each $7 25

PERFUME ATOMIZER
Pictured at Right
A new style ivory Amber colored bottle enriched with artistically cut floral decorations, the base of Atomizer is finished in dull gold also the neck and shoulder of bottle. The exquisite design should make this atomizer very eagerly sought. Height 6¼ inches.
No. 2848 Each $8 50

No. 2848 Each $8.50

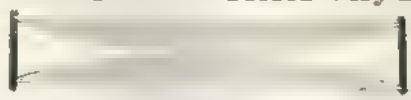
For Christmas or Birthday These Atomizers Make Pleasing Gift Items

PERFUME ATOMIZER
Pictured at Right
A tall thin graceful design Perfume Atomizer with encrusted gold decorations and stem, enriched with Jet Black enameled panels. Gold colored crochet covered bulb and cord. It is a very popular design, priced very low in respect to the fact that it is superbly constructed and finished. Height 8 inches.
No. 2849 Each..... $9.00

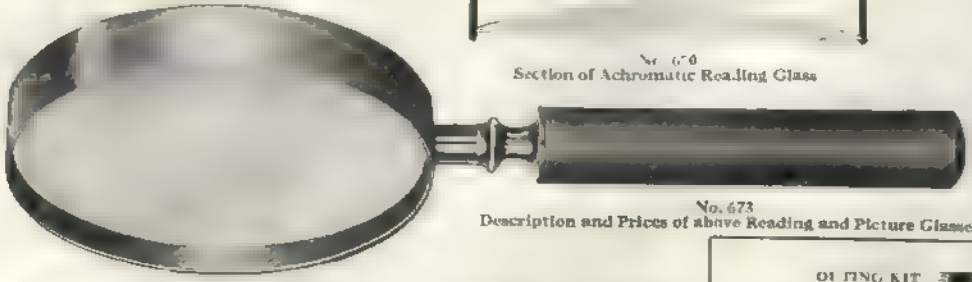
No. 2849 Each $9.00

Reading and Picture Glasses, Pocket Magnifiers, Microscopes, Eye Glass Holders and Outing Kits

Well Made and Finished **Priced Very Low**



No. 670
Section of Achromatic Reading Glass



No. 673
Description and Prices of above Reading and Picture Glasses

No.	Description	Diameter Inches	Focus Inches	Price Each
673	[illegible] nickel rims [illegible] quality lens [illegible] fine finish	[illegible]	[illegible]	$4 60
		[illegible]	[illegible]	4 20
		[illegible]	[illegible]	4 80
		[illegible]	[illegible]	5 90
		[illegible]	[illegible]	6 75
		[illegible]	[illegible]	7 70
674	Fine [illegible] and [illegible] [illegible]			
	[illegible]	[illegible]	[illegible]	6 80
677	Black wood handle, nickel rims, medium quality lenses, same style as No [illegible]	[illegible]	[illegible]	1 85
		[illegible]	[illegible]	1 65
		[illegible]	[illegible]	2 60
		[illegible]	[illegible]	3 75
		[illegible]	[illegible]	3 80
		[illegible]	[illegible]	4 40
676	Concave reducing glass, [illegible] nickel rims, best quality lens [illegible]		[illegible]	5 40

OUTING KIT
Shown to right

Find the boy, if you can, or the man either whose eyes would not light up with pleasure at the prospect of [illegible] this OUTING KIT as a [illegible] for the [illegible] Kit contains [illegible] two [illegible] door flyes as well as their inside pockets.

[illegible] OUTING KIT consists of a SIX [illegible] Pocket Knife, [illegible] [illegible] [illegible] [illegible] on pact compares with magnifying glass.

IDEAL FOR GIFT PURPOSES

One of these OUTING KITS as a Birthday or Birthday Gift would be received by please the recipient. It is a very [illegible] ideal set for one who [illegible] Put up in lined box for presentation purposes.

No. 1651 $8 50

No. 1651
Outing Kit Description and Price to left

Ketcham & McDougall's Automatic Eye Glass Holders

GUARANTEED BY THE MANUFACTURERS AGAINST DEFECTS

200-403 443 442W 407

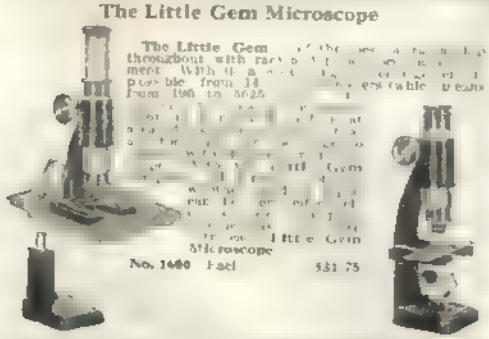
Stock No.	Style Holder	Description	Each
200	403	[illegible]	$1 50
201	403	[illegible] gold plated	2 00
403	403	[illegible], Roman finish, Gold plated chain	2 00
443	443	[illegible] rich English finish	3 10
442W	442W	Rolled gold front basket weave design, English finish	3 75
40	40	Rolled Gold front, Roman finish, gold plated chain	4 40
			6 40

OPTO Kit

See all there [illegible] Opto Kit set. [illegible] thinking boy is looking for—what joy and pleasure will be his when his eyes feast up to this Opto Kit set consisting of 60X Microscope, [illegible] Pocketscope, 8x Pocket Magnifier, and Pocket Compass put up in a [illegible] purposes. It is a prize gift, used [illegible] from the recipient.
No. 1652 Opto Kit, [illegible] complete $11.10

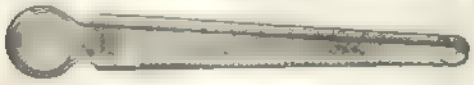
The Little Gem Microscope

The Little Gem [illegible] throughout with [illegible] ment. With it a [illegible] possible from 14 [illegible] from 150 to 3625 [illegible]



The Little Gem Microscope
No. 1640 Each $31 75

Base removed for examining. Place a slide or [illegible] the ordinary microscope. Note the mirror is placed above the stage.



Pocket Magnarule

The Pocket Magnarule is a rule with magnifying glass, diameter of lens 1½ inch, and a 4-inch rule. It is an attractive and very useful instrument for the desk or library table. To sift the finest pages of [illegible] books, to open letters, to take small measurements, or to magnify [illegible] detail not reachable with the unaided eye. Can be carried in [illegible] vest pocket or lady's purse.
No. 568 Pocket Magnarule Each [illegible] $3.00

EZY READE THE NEW STYLE READING GLASS

[illegible] which allow [illegible] Ezy Reade rests on [illegible] map or paper has a high magnifying power and almost [illegible] comfort to the user whether or not they enjoy perfect [illegible]

[illegible] eyes are used at once, it is always in focus and several lines [illegible] can be viewed at one time.
No. 701 4-inches in length, nickel trimmings, each [illegible] $5.00
No. 702 [illegible] 8 00
No. 703 [illegible] each [illegible] 8 00

RUBBER MOUNTED POCKET MAGNIFIERS
Choice of Two Sizes

RUBBER MOUNTED, TWO LENSES
No. 757 ⅝ and 1 inch diameter, each [illegible] $2.50
No. 769 1⅛ and 1½ inches diameter, each [illegible] 5.00

MARBLE'S GIFT SET

[illegible] of the [illegible] of the [illegible] of [illegible] Compass put up in gift case.

The match box features dry [illegible] of [illegible] gable [illegible] set [illegible] both give [illegible] set [illegible] out [illegible] No. 7882S Marble's Gift Set complete $2 75

GLYCINE

THE WATCH OF PERFECTION

6512—14K Gold filled Wadsworth, 15 ruby jewel, sport strap watch **$70.00**
Consumer's price $63.00

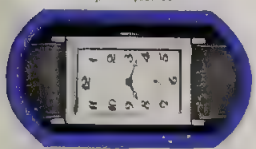
GENT'S strap and Ladies' sport watches. The watches illustrated on this page were selected from among many dozens for their popularity and style. Glycine movements are made to withstand the roughest usage and, in our opinion, will give the best satisfaction. Glycine dealers are to be found in every part of the world. Glycine, not alone the watch of the present but of the future—of the day when aeroplanes and airships will be the common means of travel.

All Glycine Watches are delivered in fine velvet boxes for presentation.

6519—5¼L 18K White Gold **$100.00** sport, strap watch, 15 ruby jewels.
Consumer's price $85.00

6513—5¼L 14K Gold, Red **$130.00** trim, 15 ruby jewel, leather cord attached.
Consumer's price $115.00

6520—15 ruby jewel 14K Gold **$70.00** filled Wadsworth case, leather strap.
Consumer's price $62.00



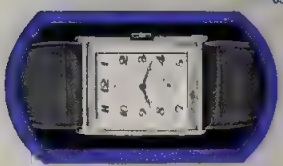
6514—18K White Gold, 17 **$150.00** ruby jewel, gold raised figure dial.
Consumer's price $130.00

6515—Same, 14K Green Gold. **$120.00**
Consumer's price $100.00

6521—18K White Gold, 17 **$140.00** ruby jewel, gold raised figure dial.
Consumer's price $125.00

6522—Same 14K Green Gold. **$110.00**
Consumer's price $100.00

6518—15 ruby jewel, 14K Gold **$75.00** filled Wadsworth case, gold filled mesh bracelet
Consumer's price $65.00



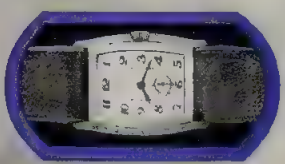
6516—White Gold filled, 15 **$70.00** ruby jewel, raised figure dial, strap.
Consumer's price $63.00

6523 18K White Gold, 17 **$170.00** ruby jewel, gold raised figure dial, strap.
Consumer's price $150.00

6517—18K White Gold, 17 **$170.00** ruby jewel, leather strap, 18K buckle.
Consumer's price $150.00

Glycine watches are unqualifiedly endorsed by us for accuracy, beauty and style.

List price subject to Trade discount.



6524—18K White Gold, 17 **$175.00** ruby jewel, gold raised figure dial, strap.
Consumer's price $155.00

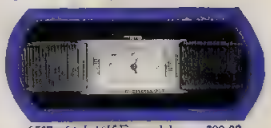
GLYCINE

THE WATCH OF PERFECTION

6501—6¼L 14K Bright Gold, $65.00
15 ruby jewel, 14K gold snap.
Consumer's price $60.00

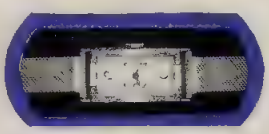
IN years of experience, we have had occasion to handle almost every watch made. Exhaustive tests convince us that for maximum wrist watch satisfaction, there is no better watch than the Glycine. After twenty years of experience it has achieved a reputation unsurpassed and uncontested. The tools and machinery used in the manufacture of Glycine movements are marvels of accuracy, made exclusively in the Glycine factory. The name *Glycine* on a watch is a *guarantee* for you and an *obligation* for us. The movement is guaranteed free from any defects in construction, high quality of materials and perfect time keeping.

All Glycine Watches are delivered in fine velvet boxes for presentation.



6507—5½L 18K Enamel decorated, 15 ruby jewel, ribbon and gold snap. $98.00
Consumer's price $85.00

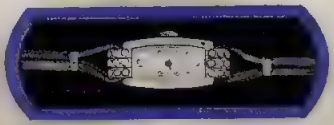
6502—5¼L 14K Butler finish gold, 15 ruby jewel, filled mesh bracelet. $90.00
Consumer's price $80.00



6508—5¼L 18K Richly engraved, 15 ruby jewel, 14K mesh bracelet. $125.00
Consumer's price $110.00

6503—5¼L 18K Plain polish, $95.00
15 ruby jewel, ribbon and gold snap.
Consumer's price $85.00

6509—5½L 18K Richly engraved, 15 ruby jewel, ribbon and gold snap. $98.00
Consumer's price $85.00



6506—5¼L 18K Platinum $270.00
trim, 18 genuine diamonds, 15 ruby jewel, silk cord, smart snap attached.
Consumer's price $230.00

6504—5¾L 18K Richly engraved, 15 ruby jewel, gold snap $95.00
Consumer's price $85.00

6510—4¾L 18K Polished sides, engraved ends, 17 ruby jewels. $110.00
Consumer's price $95.00

6505—5¾L 18K Platinum trim, 10 genuine diamonds, 15 ruby jewel. $190.00
Consumer's price $165.00

Glycine watches are unqualifiedly endorsed by us for accuracy, beauty and style.

List price subject to Trade discount.

6511—5¾L 14K Plain, enamel decorated, 15 ruby jewels. $100.00
Consumer's price $87.50

"FIRST—because they—LAST"
ATHLETIC GOLDSMITH GOODS
GUARANTEED

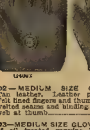
Junior Fielder's Gloves

Per doz.
G4068—JUNIOR FIELDER'S GLOVE —Genuine leather throughout; round with black laced tops and web; Full padded, pure wool felt padded, palm leather lined. Button strap. Leather web between thumb and forefinger..... 9.50

Per doz.
G4060—SMALL BOYS' FIELDER'S GLOVE—Brown color. Genuine cowskin. Full grained, tan finished leather. Patent lacing. Button strap. Lined with brown kersteil stitched with orange thread. Leather front and back with leather web between thumb and forefinger 12.00

Per doz.
G4061—BOYS' JUNIOR FIELDER'S GLOVE—Tan glove leather with leather lined palm. Welted lined fingers. Felt padded palm. Bound around edges with white binding, strongly stitched. Button strap. Leather web between thumb and forefinger 16.00

Per doz.
G4065—JUNIOR FIELDER'S GLOVE —Genuine cowhide, tanned in leather and double stitched. Felt lined in fingers and palm. Palm and thumb leather lined. A $1.50 retail value that can't be beat. Button strap, leather web between thumb and forefinger 17.50



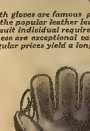
G4065

Each
G4062—MEDIUM SIZE GLOVE — Tan leather. Leather palm pad. Felt lined fingers and thumb. Black welted seams and binding. Leather web at thumb..... 2.00

G4063—MEDIUM SIZE GLOVE Made of oil treated genuine horsehide. Leather lined palm. Leather web between thumb and forefinger. Welted seams in finger and palm. Well padded 2.75

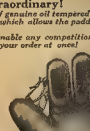
Values Extraordinary!

Both gloves are famous players models of genuine oil tempered horsehide. Made in the popular leather laced wrist style which allows the padding to be adjusted to suit individual requirements.
These are exceptional values that will enable any competition to be met, or at regular prices yield a long profit. Place your order at once!



G3914

Per doz.
G3906—FIELDER'S GLOVE Eddie Collins Model. Would retail regularly for $3.00 without difficulty. Read these specifications Medium size for boys. Soft, pliable, oil treated genuine horsehide, full leather lined, welted seams. Full leather laced wrist with metal eyelets, special leather lacing between thumb and forefinger Button strap. Spread of glove, 5¾ inches 32.00



G3917

Per doz.
G3917—F ELDER'S GLOVE—Walter Johnson Model. Easily worth $4.00 and you would still be a good buy. You can sell it for $3.75 and make better than 100% profit. Here are the features contained in this remarkable glove. Regulation size, Genuine horsehide, thoroughly treated in oil. Full leather lined, with extra padding surrounding the pocket that holds the hottest drives of the largest fists. Full leather lined with leather laced wrist, metal eyelets. Leather laced between thumb and forefinger. Welted seams and binding. Button strap 48.00

Fielder's Gloves

Each
G4058—WILSON COOPER MODEL— Genuine oiled horsehide with full leather lining. Leather lacing between thumb and forefinger. Full padded palm. Black welted seams and binding. Leather laced wrist, metal eyelets..... 5.40

Each
G4056—EPPA J. RIXEY MODEL— Made of selected oil treated horsehide with full leather lining. Well padded in heel, thumb and little finger. Deep natural ball pocket. Leather laced between thumb and forefinger. Laced wrist with metal eyelets. Crawfish lace between thumb and forefinger..... 6.70

Each
G4070—FIELDER'S GLOVE—A splendid full lined glove made of genuine oiled horsehide with full leather lining. Leather lace between thumb and forefinger. Leather welted seams. Full leather laced wrist with metal eyelets. Well padded.... 4.70

Each
G3995—BASEBALL GLOVE—A full sized glove made of genuine horsehide. Full leather lined and the pocket. Leather laced between thumb and forefinger, leather laced wrist. Well padded..... 3.50

Each
G4004—FULL SIZED GLOVE—Made of exceptionally fine selected oil treated genuine horsehide. Full leather lining with Leather welted seams. Full laced wrist. Well padded natural ball pocket..... 4.00

Each
G4007—CARL W. MAYS MODEL— Three fingered model. Made of selected genuine oil tanned horsehide. Well padded in heel, thumb and little finger. Lightly padded in palm. Full leather lining. Welted seams, black binding. Patented adjustable rawhide lace between thumb and forefinger. Deep natural ball pocket already broken in for immediate use..... 7.00

Fielder's Gloves

Each
G4005—GEORGE BURNS MODEL— Well built and durable glove of genuine cowhide leather. Full leather lined. Welted seams and binding. Lacing between thumb and forefinger. New model V back with buckle and strap. Laced wrists and metal eyelets. Deep ball pocket... 3.00

Each
G4009—ADOLFO LUQUE MODEL— Improved design, especially constructed for a perfect grip on ball and glove. Full roomy palm, medium length fingers, wide Pulu finger and large thumb. Deep bar pocket. Soft horsehide leather with pearl grain lining. Leather welted seams and binding. .. 10.70

Each
G4010—FORD-CRITZ DOUBLE PLAY MODEL—This glove is made of extra soft, pliable Horsehide leather. Full leather thumb. Fingers are padded heavily, and the palm is padded lightly. Thumb seams are reinforced and finger seams are diverted. The whole glove is lined with genuine horsehide. Also with the new "V" type back..... 12.50

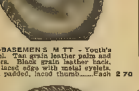
Each
G4011—BIG LEAGUER—Used by many leading players such as Grah, Wilson Lefler and many others. Genuine horsehide, Scientific soft leather finger tips. Large thumb padded on palm. Seams reinforced. Deep ball pocket. A full padded wrist. Leather welt. Modern finger tips for protection of tips of fingers. New balloon type back. Laced wrist, adjustable strap and buckle 13.50

Baseball Mitts and Accessories

Basemen's Mitts

G4013—BASEMEN'S MITT—Modern style. Leather palm and fingers. Khaki back. Full lined edge with metal eyelets. Laced at thumb. ..... Each 2.00

G4015—BASEMEN'S MITT—Youth's model. Tan grain leather palm and fingers. Khaki grain leather back. Full lined edge with metal eyelets. Well padded, laced thumb.....Each 2.70



G4014—BASEMEN'S MITT. Genuine oiled horsehide full leather lined. Laced edge with metal eyelets. Deep, natural ball pocket. Round edge ..... Each 4.70

G4018—JAKE F. DALBERT MODEL. A splendid high grade glove that is hard to beat. Made with an inset or father's glove thumb. Palm and fingers made of selected tanned horsehide. Flexible soft kid lining. Professional model same back. Correctly padded deep natural ball pocket. Three-quarter laced edge. Metal eyelets with rawhide lace strap and buckle between thumb and palm. ..... Each 7.00

Baseball Shoes

P4004—BASEBALL SHOES. A medium priced cleats a sprint model shoe that will give excellent service. Good quality oak soles with flexible steel shank to prevent toes and toe plate from turning through. Upper is of genuine calfskin leather, tapped. Tempered steel toe and toe plates. Sizes 3 to 12. Specify size when ordering. ..... Per pair 3.50

P4005—BASEBALL SHOES. Low cut. Made of genuine calfskin leather and leather. Low cut. Oak soles. Tempered steel toe and heel plates. Sizes 3 to 12. Specify size when ordering. ..... Per pair 5.60

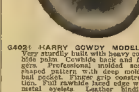
Catchers' Mitts

G4016—CATCHERS' MITT—Leather front, khaki back with leather fingers. Bound around edge with brown tarpaul. Stitched with heavy white thread. Laced at thumb. Deep, well formed pocket. Well padded throughout with deep well formed pocket. As excellent number that will stand lots of rough usage. Juvenile size for boys about 6 to 9 years. ..... Each 1.34

G4017—CATCHERS' MITT. Leather front and back in light brown color. Bound around edges in black leather. Stitched with heavy white thread. Leather fingers with thumb too strap. Laced at thumb. A good all leather mitt for boys 8 to 9 years. ..... Each 2.00

G4018—CATCHERS' MITT—Junior professional model of genuine horsehide, front and back with leather fingers. Pattern strap. Mitt is half color bound around edges with white binding, stronger stitched with white thread. Laced at thumb. Deep, well formed pocket. Professional model for boys 8 to 12 years of age. ..... Each 3.34

G4019—GOLDSMITH SPECIAL MODEL—Regulation size. Palm and fingers made of selected strong and durable leather with tan leather back and lacing. Well padded with deep ball pocket. Full laced edge. Lacing between thumb and palm. ..... Each 4.70



Catchers' Mitts

G4020—BULL DOG MODEL—Genuine oiled chocolate cowhide front and fingers. Strong grain leather back and lining. Well padded throughout with deep natural ball pocket. Full leather laced edge with metal eyelets. Buckle and strap between thumb and palm. Natural shape felt wrist protector to prevent chafing of buckle. ..... Each 7.00

G4021 HARRY COWDY MODEL—Very sturdily built with heavy rawhide palm. Cowhide back and fingers. Professional molded scoop shaped pattern with deep molded pocket. Patented finger grips. Full rawhide laced edge with metal eyelets. Leather binding. Rawhide lacing adjustment between thumb and palm. Wrist protector. ..... Each 10.70

Goldsmith Catchers' Masks

G4046 G4047

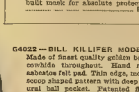
G4046—Good, strong, electric welded black enameled wire; well-made leather side and chin pads, adjustable elastic head straps.....Each 2.70

G4047—A light, yet well constructed youth's mask. Strong electric welded black steel frame. Laced leather side pads. Adjustable head and forehead pieces ..... Each 4.70

G4048—Made of dull finish electrically welded steel wire. Removable sun-shade. Well padded cushions. Elastic web head straps. A strong well-built mask for absolute protection. ..... Each 7.00

G4022—BILL KILLIFER MODEL—Made of finest quality golden brown cowhide throughout. Hand made asbestos felt pad. Thin edge, molded scoop shaped pattern with deep natural ball pocket. Patented finger grips. Double stitched with waxed thread. Full laced edge with rawhide lacing between thumb and palm for adjusting the ball pocket. Wrist protector..... Each 13.30

Catchers' Body Protectors



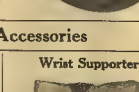
G4040—BODY PROTECTOR—Good quality canvas cover stitched and quilted. Elastic Absorber and adjustable back strap .....Each 4.00

Baseball Accessories

Ankle Supporters

G4085—ANKLE SUPPORTER—Genuine brown cowhide, double stitched throughout. Metal eyelets with special tongue stitched on the side to prevent slipping and chafing from the eyelets. Complete with straps with metal tipped ends. ..... Per doz. 12.00

Wrist Supporters



G4083—SINGLE STRAP WRIST SUPPORTER—Selected Russia tan leather, soft and durable...Per doz. 4.80

G4084—DOUBLE STRAP WRIST SUPPORTER—Selected Russia tan leather, soft and durable...Per doz. 8.00

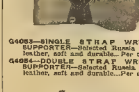
Toe and Heel Plates

Toe Plate Heel Plate

G4081—TOE PLATES—Good quality steel ..... Per doz. 2.40

G4082—HEEL PLATES—Good quality steel 2.40

Supporters



G4088—SUPPORTERS. Clean, porous, all elastic, no buckles, comfortable. Web straps and waistband are of the highest quality in cotton webbing. Extra wide and strong. Guaranteed not to cause discomfort. Packed one in a carton. ..... Per doz. 7.00

G4080—PROFESSIONAL MODEL—Made of strong khaki, cross stitched, firmly stuffed, designed to come well up over the shoulders and fits the body perfectly. Has elastic adjustable back and shoulder straps. ..... Each 10.00

MINE SUPPLIES

MINERS' RESPIRATORS

Cover's patented, automatic, improved respirators. Substantially made of white rubber; heavy cloth straps.

M

NO.	Wt. Doz.	EACH
M-11R	3½ lb.	$1.75

One in a box.

MORTARS WITH PESTLES

F

Cast iron, bell shape, heavy broad base, ground inside, japanned outside; japanned pestle, ground end. For grinding and compounding drugs, minerals.

NO.	Capacity	Depth In.	lb Each	EACH
1	½ pt.	3½	7	$1.50
2	1 pt.	4	9	2.00
3	1 qt.	5	13	2.75
4	2 qt.	5½	15	3.50
5	4 qt.	6	26	6.00
6	8 qt.	7	45	11.50

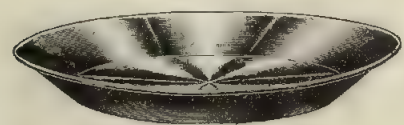
M

MINERS DRILL SPOONS

Hand made of wrought steel.

NO.	Lgth. In.	lb Doz.	DOZEN
36	36	9	$6.50

GOLD PANS



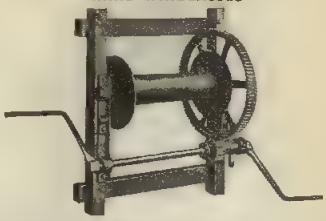
One piece smooth steel; flaring No. 41, plain; No. 42, polished.

G

NO.	Dia. Top	Dia Bot'm	Height	Wt. Doz.	DOZEN
41	16 in.	10½ in.	2½ in.	21 lb.	$10.00
42	16 in.	10½ in.	2½ in.	21 lb.	11.50

Packed loose.

HAND WINDLASSES



K

Mounted Complete—With Wooden Frames

NO	Drum	Capacity	Wt. Each	EACH
K-0	4½x 5 in.	500 lb.	55 lb.	$35.00
K-1	4½x18 in.	1000 lb.	85 lb.	60.00
K-2	6 x24 in.	2000 lb.	225 lb.	80.00

Windlass Irons Only

NO.	Drum	Capacity	Wt. Each	EACH
K-0WI	4½x 5 in.	500 lb.	35 lb.	$31.50
K-1WI	4½x18 in.	1000 lb.	65 lb.	55.00
K-2WI	6 x24 in.	2000 lb.	200 lb.	78.00

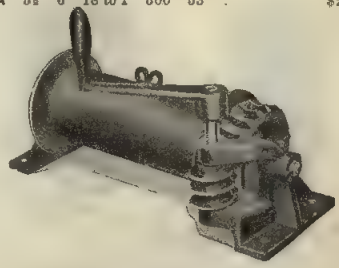
SAFETY WINCHES

Union Worm Gear

Have hardened cut steel worms and cut cast gears; malleable cranks with swivel grip. For raising and lowering engines in automobiles, oil spouts, large chandeliers, opening furnace doors and a thousand other uses. Can be used on wall or floor.

I

NO.	Diam. Drum In.	Lgth. Drum In.	Gearing	Cap. lb	lb Ea.	EACH
110A	5½	6	18 to 1	500	53	$25.00



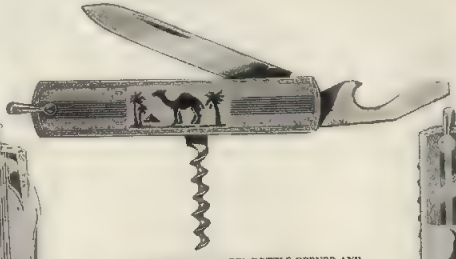
I

NO.	Diam. Drum In.	Lgth. Drum In.	Gearing	Cap. lb	lb Ea.	EACH
114A	5½	14	20 to 1	1000	85	$35.00

Newest Designs in White and Green Solid Gold and Gold Filled Pocket Knives

Men appreciate Knives of this caliber as they offer greater service and convenience. Those equipped with Nail Files have the new strong thick shaped file with needle point to clean the nails. The Combination Cork Screw, Bottle Opener and one blade knife are new this season. Thin model styles, sturdily constructed, compact, keen edge blades, excellently finished and reasonably priced
All styles are fitted with top ring to be attached to a Waldemar Chain. Splendid Christmas or Birthday Gift. Prices Each. Illustrations Actual Size.

GIFTS OF UTILITY



COMBINATION CORK SCREW, BOTTLE OPENER AND ONE BLADE POCKET KNIFE

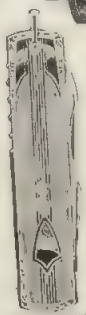
It is the completeness of service and the price exhibits this knife offers which makes it so pleasing to the man, whether he has occasion to use it or not. Highest quality white gold, fully rolled engraved turned and richly chased on both sides. Expertly etched floral design on front. Of reinforced construction throughout, very well made and finished. Ideal for Gift purposes.

No. 3024 . . . . . $5.50

COMBINATION CORK SCREW, BOTTLE OPENER AND ONE BLADE POCKET KNIFE

An article that answers every emergency. Highest quality white gold filled. Striped engine turned and chased border design on both sides. Artistically etched golfer design as shown. Reinforced construction. Well made and finished.

No. 3022 . . . . . $5.00



COMBINATION CORK SCREW, BOTTLE OPENER AND ONE BLADE POCKET KNIFE

Very fine quality white gold filled. Richly chased and striped effect design on both sides. Very sturdily constructed and excellently finished. Offers additional service in being equipped with cork screw and bottle opener.

No. 3023 . . . . . $4.25

THE NEW COMBINATION CORK SCREW, BOTTLE OPENER AND ONE BLADE POCKET KNIFE IS PORTRAYED HEREIN WITH A CHOICE OF FIVE STYLES

As this novelty knife offers additional service, it is invariably the choice of the man. His friends marvel at the completeness of knife and frequently remind him that the donor displayed excellent judgment with so practical and thoughtful a gift.

IT IS ESPECIALLY DESIRABLE FOR GIFT PURPOSES

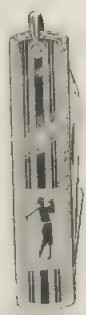
Has ring at top to be attached to a Waldemar Chain. Sturdily constructed and excellently finished throughout.

GIFTS OF UTILITY

COMBINATION CORK SCREW, BOTTLE OPENER AND ONE BLADE POCKET KNIFE

A design every hunter will appreciate, receiving. Highest quality white gold filled. Striped engine turned and richly chased on both sides. Beautifully etched dog and bird design contrasting green gold background.

No. 3025 . . . . . $6.50



COMBINATION CORK SCREW, BOTTLE OPENER AND ONE BLADE POCKET KNIFE

A magnificent design for the golf enthusiast. Highest quality white gold filled. Striped engine turned and richly chased design on both sides. Beautifully etched golfer design, with contrasting green gold background.

No. 3026 . . . . . $6.50

SOLID GOLD POCKET KNIFE

1 Blade and 1 File. White Gold. Polished both sides alike.

No. 2027 . . . . . $8.25

SOLID GOLD POCKET KNIFE

1 Blade and 1 File. Green gold. Polished both sides alike.

No. 2026 . . . . . $6.00

POCKET KNIFE

High quality combination green and white gold filled. Attractively chased border, center and engine turned design. One blade and Nail File. Sturdily constructed. Excellently finished.

No. 2029 . . . . . $3.50

POCKET KNIFE

High quality combination green and white gold filled. Attractively chased border, center and engine turned design. One blade and Nail File.

No. 2030 . . . . . $3.50

POCKET KNIFE

Fine quality white gold filled. Rich engine turned design, signet space for engraving. One blade and Nail File. Strongly constructed and excellently finished.

No. 2031 . . . . . $3.00

POCKET KNIFE

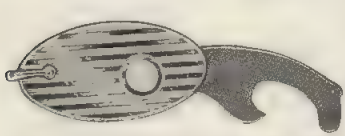
Fine quality white gold filled. Rich chased borders and striped engine turned design on both sides. Signet for engraving. One blade and Nail File.

No. 2033 . . . . . $3.00

POCKET KNIFE

Fine quality white gold filled. Stripped engine turned design. Signet for initials. Engine turned back. One blade and Nail File. Chased borders. Thin model.

No. 2035 . . . . . $3.00



CIGAR CUTTER

Fine quality white gold filled. Striped engine turned design. Chased back. Keen cutter. Fitted with ring to attach to Waldemar Chain. Of solid metal construction, well made and finished.

No. 2036 . . . . . $2.25

Men Appreciate the Convenience and Service Cigar Cutters Offer

It is a very practical article and makes a useful Christmas or Birthday Gift

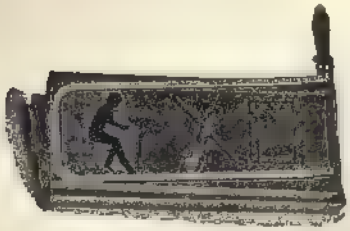
CIGAR CUTTER

Fine quality green gold filled. Striped engine turned design. Chased back. Fitted with ring to attach to Waldemar Chain. Keen cutter. Very sturdily constructed, well made and finished.

No. 2035 . . . . . $2.25

FRET SAWS

MILLER'S FALLS



These sets contain one Fret saw, 5x12 inch frame, twelve saw blades, one awl, three sheets of designs of a great variety of fancy and useful articles and one sheet of impression paper.

Set No. 2. Frame polished and nickel plated; patent clamp for holding saw blades; hardwood handle. Wt. doz., 13 lbs. .....Dozen **$18 00**

One set complete in a box.

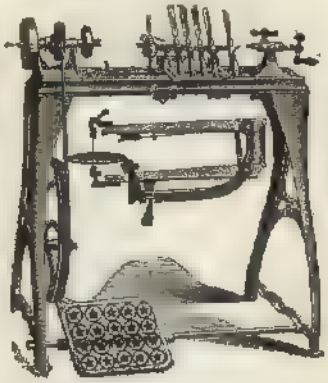
STAR

A well-balanced, easy-running machine with heavy drive wheel giving it power, and two balance wheels, one each of iron and emery, adding steadiness to the motion. The arms are hung in the middle of their supporting casting to give free action, and are adjustable so they may be kept parallel. Equipped with drilling attachment, japanned tilting saw table, automatic dust blower, adjustable lever saw clamps, and adjustable saw guide. Also furnished with each machine are twelve saw blades, one wrench, three sheets of designs, impression paper and three drill points. Frame of iron castings, japanned black with ornamental red stripes; arbors of steel. Can be equipped for use with ¼ h. p. motor if desired, by using a ¼ inch belt running from motor to small pulley. Height, 37 inches overall. Capacity up to ⅝ inch wood.

No. 387, Star. Net weight, 40 lbs. Shipping wt., 60 lbs.....Each **$18 00**

LATHES WITH SAW ATTACHMENTS

GOODELL

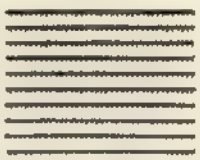


Drive wheel and cone pulley with two grooves to permit changes of speed; accurate drill chuck holding from 0 to ¼ inch in diameter round shank drills for boring in metal or wood; long and short tool rests; five turning tools, wrench and drill points, etc.; lathe head with 2 inch face plate and spur center and screw center for turning cups; emery wheel, 4½x¾ inch; drill spindle with chuck for drill points for wood boring; tail stock with screw feed, and can be clamped at any point. Swing of lathe, 5 inches; distance between centers, 14 inches. Fret sawing attachment, quickly attachable or detachable; with nickeled table, ash wood arms, dust blower, adjustable saw guide and lever, saw blades, designs, etc. The whole machine is thoroughly built and highly finished, polished parts being nickeled.

No. 320 Goodell. Lathe, with scroll saw attachment and lathe tools. Net wt. of lathe and scroll saw attachment, 57 lbs. Ship. wt., 78 lbs..Each **$35 00**

FRET SAW BLADES

STAR



Blades 5 inches long for either hand or machine saws. No. 1 is smallest size.

Nos. 1 to 5 .....Gross **$1 80**

Packed one gross in a bundle. Wt. per gross, 2 ozs.

HACK SAW FRAMES

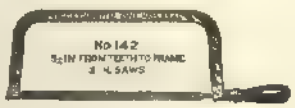
Easy Grip.

The handle on this frame affords a perfect grip; special black composition handle, fastened with screws; polished and nickel plated frame. One 10 inch blade furnished with each frame.

No. 12. Depth, 3⅛ in.; capacity, 8 to 12 inch blades. Weight, per dozen, 24 lbs. .....Dozen **$48 00**

Not Adjustable.

No. 24. For cutting girders, steel rails, etc.; black enameled frame beech handle; 10¼ in. under back. Wt. doz., 46 lbs. .....Dozen **$36 00**



Not Adjustable.

No. 142. Starrett. For cutting girders, steel rails, etc.; nickel plated; hardwood handle; takes 12 inch blade; 5¼ inches under back; supplied with one 12 in. blade. Wt. doz., 30 lbs. .....Dozen **$33 00**

Pistol Grip.

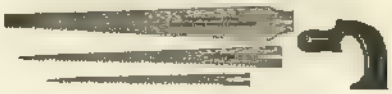
An all metal frame of exceptional strength. Back one piece of solid steel. Entire frame is sheradized to prevent rust. Is particularly adapted for outdoor use.

No. 1100. Depth, 3⅛ inches. Capacity, 8 to 12 inch blades. Wt. doz., 22½ lbs. .....Dozen **$30 00**

All above, one in a box.

NESTS OF SAWS

DISSTON



Consists of handle, tightener, and three blades—16 in. compass blade, 14 in. plumbers' blade for cutting wood in which nails may be embedded, lead pipe, etc., and 10 in. keyhole blade.

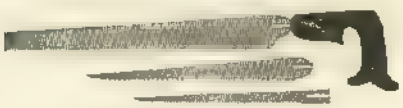
No. 7 Nest Complete. Wt. doz., 10 lbs. .....Dozen $24 00

One-third dozen in a box.

Extras.

Handle and tightener.....Dozen	**$4 00**
Keyhole blade, 10 in. ....Dozen	**4 00**
Compass blade, 10 in. ....Dozen	**4 00**
Compass blade, 12 in. ....Dozen	**5 00**
Compass blade, 14 in. ....Dozen	**9 00**
Compass blade, 16 in......Dozen	**6 00**
Plumbers' blade, 14 in....Dozen	**7 00**

ATKINS



Metal Cutting Blade.

No. 3. Adjustable handle; 12 in. keyhole blade, 14 in. compass blade and 18 in. nail cutting blade. Wt. doz., 14 lbs. .....Dozen **$36 00**

Extras.

18 in. Nail Cutting Blade. Dozen	**$21 00**
12 in. Keyhole Blade....Dozen	**5 00**
14 in. Compass Blade....Dozen	**6 00**

One-third dozen in a box.

COPING SAWS

No. 100. Polished spring steel wire frame and handle; 6 inch blade; depth of cut, 4 inches. Complete with 13 blades. Wt. doz., 4 lbs.Dozen **$3 60**

Extra Blades. Wt. gro., 5 ozs. .....Gross **$2 50**

Saws complete, half dozen in a box.

Extra blades, one gro. in a box.

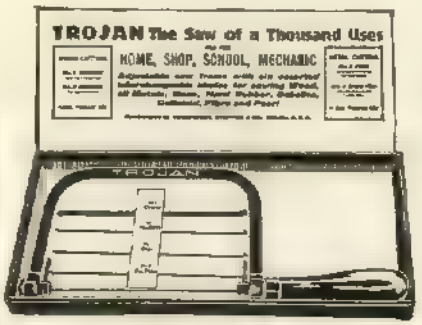
COPING SAW FRAMES

TROJAN

No. 20. 4½ inches deep; accommodates 6½ inch blades; hard rolled steel frames, nickel plated, hardwood handles; with one blade. Wt. doz., 7 lbs.....Dozen **$10 25**

No. 40. 12½ inches deep; accommodates 6½ inch blades; high carbon tool steel, oil hardened and tempered, natural blue finish; hardwood handles; with one blade. Wt. doz., 14 lbs. .....Dozen **$24 00**

One-half dozen in a box.



No. 1 Sawing Set. An adjustable saw frame with six 6½ inch blades, ranging from 15 to 32 teeth per inch, for sawing wood, all metals, bone, hard rubber, bakelite, celluloid fibre and pearl Weight. dozen sets, 9¼ lbs .....Dozen Sets **$12 00**

One set in a box; 12 in a carton.

COPING SAW BLADES

TROJAN

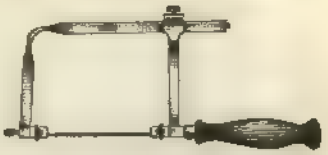
The teeth of these blades are filed in—not punched out in a punch press, and are accurately set; oil tempered, tough and hard to break.

No. 5—Extra Fine. Metal cutting, lock loop ends, 1/16 inch wide, 32 teeth per inch, 6½ inches long ...Dozen **$0 60**

No. 22—Coarse. Wood cutting, pin ends, 3/32 inch wide, 15 teeth per inch, 6½ inches long.....Dozen **$0 60**

Six blades in a sealed envelope.

JEWELERS' SAWS



For Silversmiths, Workers in Arts and Crafts, Etc.

Stiff spring steel frame; stained and polished hardwood handle, made to fit the hand and with end shaped to rest against the body while adjusting blades.

No. 381. Depth, 5 inches. Wt. doz., 6½ lbs. .....Dozen **$21 00**

One-third dozen in a box.

JEWELERS' SAW BLADES

Blades 5 inches long for use in Jewelers' Frames.

Nos. 0, 1 and 1½.....Gross **$4 00**

One gross in a bundle.

TURNING SAWS

Birchwood frame, ebonized handles. An index on each handle shows operator just how far to turn. Friction regulated by screws.

For manual training use, also carpenters', for cornice, grills, etc.

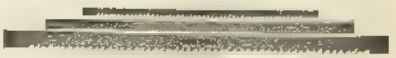
Frame and Blade Complete. 14 in. frame. Wt. per doz., 17 lbs..Doz **$21 00**

Extra Blades, 14 in.....Doz. **4 50**

Saws complete, packed one in a box.

Blades loose.

TURNING OR CHAIR WEBS



Length, ins.	**10**		**12**
Width, ins.	3/16		3/16
Doz.	**$3 25**		**.3 50**
Length, ins.	**14**	**16**	**18**
Width, ins.	3/16	¼	¼, 5/16
Doz.	**$3 75**	**4 25**	**4 50**

Packed as wanted.

TOYS THAT PRINT and PAINT

Rubber Type Sets — Picture Stamps
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Room 410—200 Fifth Avenue

BAUMGARTEN & CO., Inc., Baltimore, Md.

THE
HEALTH RIDER

. . . IS not only the best looking, strongest and safest toy of its kind, but actual sales records prove it to be the BEST SELLING. Put a few on your floor—when you see how fast they sell, you'll be back for more.

GORDON TOY & MFG. CO.
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WRITE for DETAILS

Masquerade, Carnival & Joker's Goods
MASKS, PAPER HATS
SERPENTINES—SNAPPING MOTTOES
Horns, Blowouts, Noise Makers, Lanterns
Hallowe'en Novelties, Masquerade Hair Goods
IMPORTED and DOMESTIC
DESSART BROTHERS, Inc.
Largest Mask Manufacturers in the World
503 METROPOLITAN AVE. BROOKLYN, N. Y.
FACTORIES: BROOKLYN, N. Y., and SONNEBERG, GERMANY

THE "LITTLE GIANT" LINE
of BAER & STRASBURGER, Inc.
AND THE
"GOTHAM" LINE
of GOTHAM STAMPING & DIE CORP.
Now merged and manufactured under the name of
Gotham Pressed Steel Corp.
NOTE THE NEW ADDRESS:
144th St. and Wales Ave. (Ludlow 5060) N. Y. C.
Complete line on display at STROBEL-WILKEN CO., INC.
33 East 17th Street, New York City

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INDOOR GLAZED
24-34 University Place
New York, N.Y.

FINE DOLLS AT POPULAR PRICES

NATIONAL LINE OF AGATES
National Rainbo, Striped, Cerise, Prima, Opal and Milkie Agates
Beautifully blended shades and brilliant lustre to retail from 1c to 5c.
ALSO PACKED IN HANDY POPULAR 5 AND 10 CENT DISPLAY PACKAGES.
National Rainbo Agates spell brighter colors and bigger sales.
M. GROPPER & SONS, Inc.
JAMES O'BRIEN, Sales Manager
200 Fifth Ave., Room 409 New York City

ROCKET RACER
No. 410, 19½ Inches Long

Plaphones
and other
Bell Toys

THE
GONG BELL MFG. CO.
EAST HAMPTON, CONN.
SEND FOR CATALOG

FLY-A-WAY
TRADE MARK
Balsa Gliders

Fly-A-Way Biplanes		Fly-A-Way Monoplanes		Yankee Fly-A-Ways	
200	25c	101	25c	1	18c
201	50c	102	50c	2	25c
202	75c	103	75c	3	50c
203	$1.00	104	$1.00	5	$1.00

Guaranteed to Fly
Manufactured by
PAUL K. GUILLOW
NUCRAFT TOYS
WAKEFIELD, MASS.

Start your letter right "I saw your ad in PLAYTHINGS."

Fairy Crown

THE NEW FAIRY CROWN

Christmas Tree Tip

Patented in U. S. and Canada

Can be sold and used with or without lights.

ALL METAL
NON-BREAKABLE
GLITTERING AND SPARKLING
ORNAMENT

Samples and Prices on Request

PAUL BOEHLAND & CO.
1348 Green Bay Ave., Milwaukee, Wis.

BULLS EYE STEEL AIR RIFLE SHOT

The Best Way to Sell Air Rifle Shot

DON'T sell air rifle shot in bulk—it is too unhandy and wasteful. The most profitable way is to sell Bulls Eye Steel Shot, in the handy nickel tube, convenient for you and the customer. BULLS EYE Steel Shot now recommended for use by makers of leading air rifles.

Order from your jobber, or for full particulars write

DAISY MANUFACTURING CO., Plymouth, Michigan, U. S. A.
Sole Sales Agents for American Ball Co.
Factory at Minneapolis, Minn

The Daisy Line is on longer on display with Geo. Borgfeldt & Co. The following Manufacturers' Agents are Showing the Line.

BAKER & BENNETT CO.
873 Broadway, New York

STROBEL-WILKEN CO., Inc.
35 E. 17th St., New York

BULLS EYE AIR RIFLE SHOT

FRED. K. BRAITLING
BRIDGEPORT, CONN.
Established 1869

DOLL SHOES

SLIPPERS and
STOCKINGS
REAL HAIR and
MOHAIR WIGS

Complete Line of Shoes and Novelty Shoes for Effanbee Genuine Patsy Dolls

No game department is complete without

TRADE Flinch MARK REGISTERED

Sells the year round the world over.
More simple than Authors.
More scientific than Whist.
For twenty-five years the best selling game.

Write at once for prices.

FLINCH CARD CO.
KALAMAZOO, MICHIGAN

OUTSELLS ALL OTHERS!

A mechanical Zeppelin with 4 spinning propellers and a stream-line cabin. Runs 35 to 50 feet and retails for $1.25.
Washette—a junior washer, educational and practical at $1.25.
Aero-Zeps gives you the thrill of a plane and zep ride at the same time. Retail $1.00. See also our Dolly's Washer, Laundry Sets, etc.

Manufactured by
Buffalo Toy & Tool Works, Buffalo, N. Y.

Famous DeLuxe
PHONOGRAPHS

Made for Children
Toys in Size Only

Retail $25.00

THE new improved Master De Luxe ... regular ... for ... all ... Power for ... and ... dependable

All Improvements

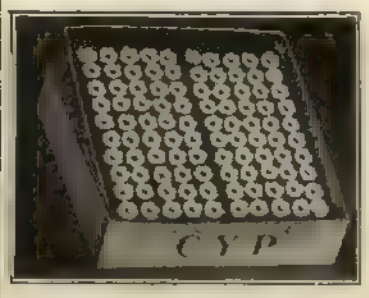
Has modern reproducer ... arm ... and famous Master Tone ... complete ... one with ... hand ... with tall ... finish ... with ... and ... steel

Weight 35 lbs.

The GENERAL INDUSTRIES CO.
3016 TAYLOR ST., ELYRIA, OHIO

C-Y-P "QUALITY"

Birthday Cake Candle Holders



Mr. Wholesaler and Retailer

Here is the Candle Holder with "ALL" the improvements.

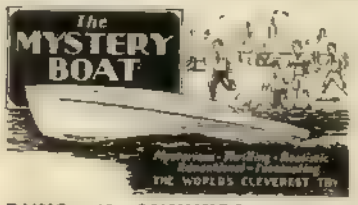
"The Quality Line" Made in 2 sizes

CYPRESS NOVELTY CORP.

2912 Atlantic Ave.
Brooklyn, N. Y.

Edwin E. Bessey, Sales Mgr

World's Cleverest Toy



Sells on sight the year 'round.

Demonstration suggestions and dealer helps FREE.

Get your order in now!

RUNS 45 MINUTES ON A SPOONFUL OF STERNO—NO SPRINGS OR MOVING PARTS

GOBAR PRODUCTS
BOX 91 ANDERSON, INDIANA

We will appreciate your courtesy ... mentioning PLAYTHINGS

GALVANIZED WARE G

CANTEENS

Kool Kanteen

Made of heavy galvanized steel, double walled with ¾-inch air space between; finished in blue lacquer; khaki straps, nickeled screw top.

NO.	Capacity	Diam. In.	lb Doz.	DOZEN
525	4 qt.	11¼	48	$48.00

Covered

Heavy galvanized iron. Indestructo bracing features make this canteen the strongest and most serviceable for general use. With straps.

NO.	Capacity	Diameter	Wgt. Doz.	DOZEN
2	2 qt.	7½ in.	14 lb.	$19.30
3	3 qt.	8 in.	17 lb.	21.00
4	4 qt.	8¾ in.	20 lb.	23.50
6	6 qt.	10¼ in.	27 lb.	27.70
8	8 qt.	11½ in.	36 lb.	33.30
10	10 qt.	12 in.	43 lb.	38.80

Government Pattern—with Straps

Heavy galvanized iron. Faultless workmanship and finish.

NO.	Capacity	Diameter	Wt. Doz.	DOZEN
222	3 pt.	8 in.	16 lb.	$21.50

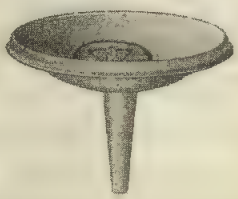
CANTEENS

Boy Scout—Covered

Made of heavy galvanized iron, and so constructed as to meet the requirements of the Boy Scouts of America. Covering and straps of khaki material. Straps equipped with nickel plated slide for adjusting the length.

NO.	Capacity	Diam. In.	lb Doz.	DOZEN
325	1 qt.	15	12	$17.50

REFRIGERATOR FUNNELS



It takes care of the continual drip from the refrigerator. Made of galvanized iron.

NO.	Size In.	lb Doz.	DOZEN
4	7⅝x5¼	4	$5.10

PAILS

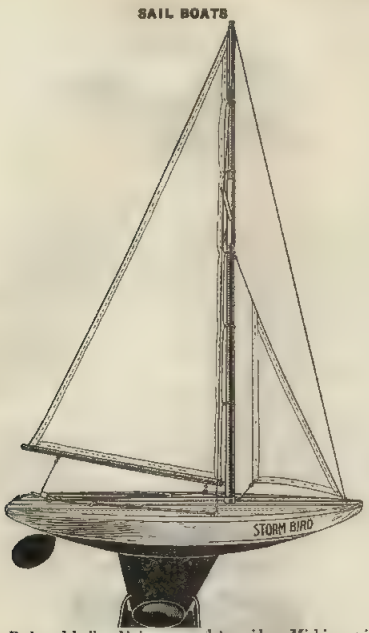
Bail

Extra heavy; high pyramid seams.

NO.	Cap. Qt.	Size In. Top	Bottom	Ht. In.	lb Doz.	DOZEN
3138	8	10¼	8	9	40	$12 40

OUTDOOR TOYS G

SAIL BOATS



Redwood hulls. Mahogany red top sides. Michigan pine decks. Polished brass fittings.

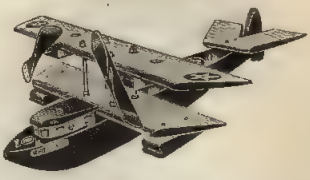
	Inches				lb Each	EACH
	Lgth.	Ht.	Beam	Draft		
12C	12	17	3¼	4¼	1	$ 1.25
18C	18	25	5	6¼	2¾	2.50
18B	18	25	5	6¼	2¼	3.00
22B	22	30	5¼	7	5	5.00
24B	24	42	6½	7½	4	7.50
30B	30	54	8	9	6¾	10.00
36B	36	60	8	10½	15	12.50

SAND PAILS AND SHOVELS

Lithographed tin pails. Assorted attractive designs.

NO.	Size In.	lb Doz.	DOZEN
5T	4½x4½	5	$1.80
10T	6 x6	8	2.40
25T	7½x7	10	4.00

LIBERTY SEAPLANE



A water toy. Made entirely of wood and metal, unsinkable, adjustable rudder. Two air propellers driven by powerful dual motors pull the seaplane swiftly through the water.

NO.	Length In.	Wing Spread In.	lb Doz.	EACH
22	20	22	46	$5.00

SILVER EAGLE AEROPLANE

Made of pure aluminum. Flies in a wide circle when suspended by a string from the hand or when fastened to the ceiling. Mechanically operated.

NO.	Length In.	Wing Spread In.	DOZEN
1011	9¼	11¼	$7.60

GRAF ZEPPELIN JR.

Made of pure aluminum. A reproduction of the transatlantic air liners. Flies in a wide circle when suspended from a string in your hand or when fastened to the ceiling. Mechanically operated.

NO.	Length In.	DOZEN
1017	10	$7.60

G KATZ TOYS

GREAT GUN CANNON

A good reproduction of a piece of field artillery with two tractor type wheels, six inches in diameter shoots a wooden ball by means of an automatic spring plunger. The barrel of the cannon may be raised or lowered by means of a crank attached to the gun carriage. Made of heavy gauge metal and finished in gray with black trimmings.

NO.	Size In.	Lbs. Doz.	DOZEN
330	24x8x9½	30	$14.70

One dozen to a carton.

LIGHTNING FLASH

A mechanically operated monoplane, runs in a wide circle on the floor, the propeller revolving as it goes. The body is very attractively finished in orange with a blue wing and Lightning written across in yellow flashes.

NO.	Wing Spread In.	Lgth. In.	Lbs Doz.	DOZEN
127	12½	12½	22	$6.35

Two dozen in a carton.

CONEY ISLAND

The roller coaster car with its passengers is drawn up a sharp incline by means of a continuous belt and descends by gravity along a circuitous route back to the starting position. At the same time a series of four aeroplanes, which measure a 2½ in. wing spread, swing from a tower 13 in. high in circular motion. Decorated in bright color. Mechanically operated by a powerful clock- spring motor.

NO.	Size In.	Lbs. Doz.	DOZEN
202	18¾x6¼x13¾	27	$14.65

One dozen to a carton.

QUESTION MARK

A mechanically operated, miniature reproduction of the famous Question Mark aeroplane. This is a trimotor plane, all three propellers revolving when the toy is in motion. Runs around in a circle on the floor and is propelled by means of a strong piano wire spring motor. The body is finished in black with gold trimmings and the wing in gold with black trimming.

NO.	Wing Spread In	Lgth. In	Lbs. Doz.	DOZEN
247	18	12½	25	$10.95

One dozen to a carton

STEEL BUILT TRIMOTOR PLANE

A pull toy monoplane of the transport type. Has three propellers which revolve as the toy is pulled and the noise maker attached to the wheels makes a humming sound Door on one side of body of plane opens. Finished in green and the wing in orange.

NO.	Wing Spread In.	Body In.	Lbs. Doz.	DOZEN
447	28	26	90	$13.35

One-half dozen in a carton.

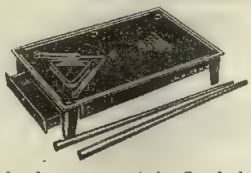
JUMBO FAST FREIGHT

48 INCHES LONG

Consists of Locomotive, Tender and Coal Car. Made of steel.

NO.	Length In.	Lbs. Ea.	DOZEN
999	50	4½	$44.00

POOL TABLE



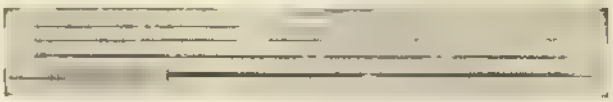
Made of a heavy gauge steel. Standard equipment: rubber cushions, 16 numbered and colored balls, two spring cues and one triangle.

NO.	Size In.	Lbs. Doz	DOZEN
434	11½x20	50	$25 75

One dozen in a carton.

FLY RODS.

SPLIT BAMBOO
GRANGER
PREMIER



Granger Premier Rods represent a supreme effort in rod building. Their quick action, perfect balance, maximum power, expert workmanship, excellent materials and beautiful finish command constant admiration. Each section of this rod is built up with six triangular strips taken from the same piece of cane (subjected to actual breaking test) which produces uniform strength, color and resiliency. A rod so made possesses a delicate sensitiveness and quality for staying straight that cannot be had by any other form of construction. Through a special ageing process, the bamboo in these rods becomes a beautiful golden brown which with wrappings of gold-colored silk makes a most pleasing color combination. Made in three sections with extra tip. Equipped with hard rubber, locking screw reel seat and butt cap. All guides, ferrules and other metal parts are of chromium plated nickel-silver. Ferrules are made in one piece, hard drawn and waterproof. Chromium-plated guides and tip-tops possess remarkable wearing qualities. Because of this, they are guaranteed, under ordinary usage, not to cut, rust, crack or break during the life of the rod. Each Granger Premier rod is put up in a partitioned cloth bag and an aluminum case.

Regular Fly.

No. GP9050—9	ft.	Wt. ea., 5 ozs.	Each	$50 00
No. GP9652—9½	ft.	Wt. ea., 5½ ozs.	Each	50 00
No. GP9653—9½	ft.	Wt. ea., 5¾ ozs.	Each	50 00
No GP9660—9½	ft.	Wt. ea., 6 ozs.	Each	50 00

Steelhead.

No. GP1062—10	ft.	Wt. ea., 6½ ozs.	Each	50 00

Tournament Fly.

No. GT9653—9½	ft.	Wt. each, 5¾ ozs.	Each	50 00

De LUXE.

Granger DeLuxe Rods differ from Granger Premier Rods in the selection of the can and in wrappings only. The cane requirements for Granger Premier Rods not only demand that it be of the very finest quality, but that it must conform to certain color standards and be absolutely free from any discoloration or blemish. Granger DeLuxe Rods are made from the same quality of cane but the color requirement is less rigid. Made in three sections with extra tip. Equipped with hard rubber, locking screw reel seat and butt cap. Fly Rods have chromium plated butt guides and tip-tops with hardened steel line guides. All other metal parts are of nickel silver. Ferrules are made in one piece, hard drawn and waterproof. Chromium plated guides and tip-tops possess remarkable wearing qualities. Because of this they are guaranteed, under ordinary usage, not to cut, rust, crack or break during the life of the rod. Each Granger DeLuxe Rod is put up in a partitioned cloth bag and aluminum case.

Regular Fly.

No. GD9050. 9	ft.	Wt. ea., 5 ozs.	Each	$35 00
No. GD9652. 9½	ft.	Wt. ea., 5½ ozs.	Each	35 00
No. GD9653 9½	ft.	Wt. ea., 5¾ ozs.	Each	35 00
No. GD9660. 9½	ft.	Wt. ea., 6 ozs.	Each	35 00

Steelhead.

No. GD1062. 10	ft.	Wt. ea., 6 ½ozs	Each	35 00

SPLIT BAMBOO
GRANGER
FAVORITE

Granger Favorite Rods are very similar in action, balance and power to the Granger DeLuxe Rods. However, instead of each section being built of strips from the same piece of cane, they are made up of strips coming from different canes. They go through exactly the same process, have the same beautiful golden brown color, and are finished with wrappings of jasper and gold. Made in three sections with extra tip. Equipped with hard rubber, locking screw reel seat and butt cap. Fly Rods have chromium plated butt guides and tip-tops with hardened steel line guides. All other metal parts are of nickel-silver. Ferrules are made in one piece, hard drawn and waterproof and are are made in one piece, hard drawn and waterproof Chromium plated guides and tip-tops possess remarkable wearing qualities. Because of this they are guaranteed, under ordinary usage, not to cut, rust, crack or break during the life of the rod. Each Granger Favorite Rod is put up in partitioned cloth bag and aluminum case

Regular Fly.

No. GF9050—9	ft.	Wt. ea., 5 ozs.	Each	$25 00
No. GF9652—9½	ft.	Wt. ea., 5½ ozs.	Each	25 00
No. GF9564—9½	ft.	Wt. ea., 5¾ ozs.	Each	25 00
No. GF9660—9½	ft.	Wt. ea., 6 ozs.	Each	25 00

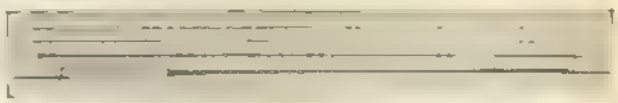
Steelhead.

No. GF1062—10	ft.	Wt. ea., 6 ozs.	Each	25 00

Tournament Fly.

No. TF9653—9½	ft.	Wt. ea., 5¾ ozs.	Pair	30 00

SPECIAL



Each and every strip of cane entering into these rods is heat straightened and sized to the same accurate dimensions and taper as the best grade rods. The cane is also put through a special ageing process which produces the much desired golden brown color. Green silk wrappings give these rods a distinctive and pleasing appearance. Made in three sections with extra tip. Equipped with hard rubber, locking screw reel seat and butt cap. Nickel-silver mountings, and one-piece, hard drawn, waterproof ferrules. All butt guides and tip-tops are chromium plated, and under ordinary usage, are guaranteed not to cut, rust, crack or break, during the life of the rod. Packed in cloth case with grooved wood form for protecting tip sections.

No. GS9050. 9	ft.	Wt. ea., 5 ozs.	Each	$15 00
No. GS9660. 9½	ft.	Wt. ea., 6 ozs.	Each	15 00

FLY RODS.

SPLIT BAMBOO.

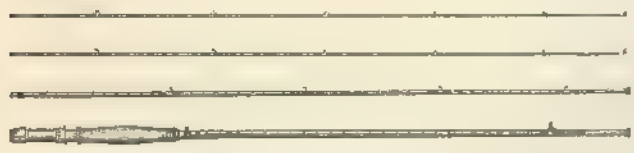
MONTAGUE

The supreme achievement of the oldest and largest makers of split bamboo rods in the world. This rod consists of three pieces and an extra tip hand made of six strips of the most carefully selected Tonkin cane, aged and heat treated to secure an action found in no other rod and resulting in a rich deep brown color. The ferrules are of 18% nickel silver hand welted, perfectly fitted, serrated and wound over and made waterproof. The reel seat is of rich black hard rubber with spiral locking nickel silver band and butt cap. The solid cork grip, shaped to fit the hand, is of fine satin finish cork. The first guide and the tops are of genuine agate, smooth and well mounted. The intermediate guides are file hard steel and a hook ring is provided just above the grip. At guides, ferrules and grip the rod is wound with pongee and purple silk and then heavily varnished by hand with a special waterproof varnish. Packed in a heavy canvas bag and the whole in an aluminum rod case with watertight screw cap. Lengths 9 and 9½ ft. Wt. ea. 6 ozs. Ship. wt. ea., 14 ozs.

Manitou .....Each **$35 00**

A rod of highest quality consisting of three pieces and an extra tip made of thoroughly seasoned, selected brown, heavy Tonkin cane in six strip construction. The ferrules are serrated and welted and chased and, with the hand made reel seat, are of 18% nickel silver. The grip is of solid cork, well shaped. The first guide and tops are of genuine agate and the intermediate guides of file hard steel and there is a convenient hook ring at the grip. The rod is wound with red and yellow silk and nicely varnished. Packed in a partition canvas bag and then in an aluminum rod case with watertight screw cap. Lengths 9 and 9½ ft. Wt. ea. 6 ozs Shipping wt. 14 ozs.

Red Wing .....Each **$25 00**

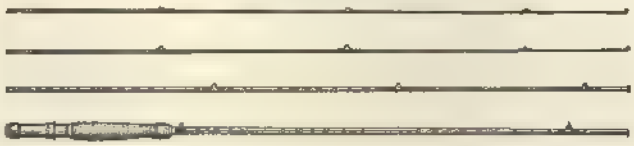


A high grade rod consisting of three pieces and extra tip made of selected brown Tonkin cane. Ferrules are hand welted and serrated and, with the patent waterproof reel seat, are of 18% nickel silver. The solid cork grip is nicely shaped. The first guide and tops are of genuine agate and the intermediate guides are of file hard steel. A hook ring is mounted just above the grip. Wound with yellow and dark red silk. Packed in a partition canvas bag and aluminum rod case with a bayonet cap. Lengths 9 and 9½ ft. Wt. ea. 6 ozs. Ship. wt. 14 ozs

Trail .....Each **$20 00**

SPLIT BAMBOO.

MONTAGUE



A rod of excellent quality consisting of three pieces and extra tip made of selected brown Tonkin cane. Ferrules are roll welted and, with the patent waterproof reel seat, are of 18% nickel silver. The grip is of solid cork and shaped. All guides and the tops are of file hard steel, the first guide being of the one ring type. A hook ring is provided. Closely wound with garnet and lemon silk and nicely varnished. The tips are packed in an aluminum tip case and the whole in a partition canvas bag. Lengths 9 and 9½ ft. Wt. ea. 6 ozs. Shipping wt. 14 ozs.

Flipline .....Each **$15 00**

STEELHEAD.

Heavy.

Specially designed for fly casting with a heavy line and for spinner fishing. This type of rod is in great favor with anglers when fishing for Steelheads and large trout; recommended for Rogue river angling; made of good quality split bamboo, Liberty silver mountings; solid cork grip; snake guides; single ring top; wrapped at close intervals with variegated and scarlet silk; heavily varnished. Three pieces and extra tip, put up on cloth covered wood form, enclosed in cloth bag. Carried in 9, 9½ and 10 foot lengths. Nine foot rod when set up weighs exactly eight ounces. Shipping wt., 19 ozs.

Steelhead .....Each **$12 50**

Special Length.

Same as the above, but made in 12 foot length. Specially designed for fishing on the Deschutes and Rogue rivers; three pieces and extra tip, put up on cloth covered wood form, enclosed in cloth bag. Shipping wt., 25 ozs.

Steelhead, 12 Ft. .....Each **$13 50**

Special Mountings.

We also stock the Steelhead Rod with agate first guide and agate top, otherwise specifications unchanged. Carried in 9, 9½ and 10 foot lengths. Shipping wt., 19 ozs.

Steelhead—Special Mountings .....Each **$14 00**

Special heavy Rod for Steelhead and large Trout. Three-pieces and extra tip; solid cork grip; nickel mountings; regular plate; bronze snake guides and fileproof tops; wound red edged black; put up in a green form and canvas bag. Lengths 9, 9½ and 10 ft. Ship. wt. about 18 ozs.

No. 50H .....Each **$10 00**

L BOUDOIR LAMPS

Decorated bronze metal shade and base.

	EACH
3242	$3.50

Plain bronze metal shade and base.

	EACH
2802	$3.50

SPECIAL 1929 ASSORTMENT
With Display Material

This assortment is made to fit the need of the small dealer who just "wants to feel his way" before ordering a larger quantity of Buss Lights.

It contains one of each of the designs or models of Buss Lights (seven in all). From it, the retailer can fill any call for Buss Lights, as nationally advertised.

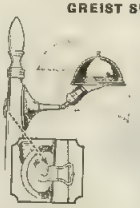
Packed with the lamps is a new type display card that can be illuminated. This card is unusually striking, and with it the retailer can build a striking display either on his counter or in his window that will attract attention and sell Buss Lights.

The lights in this 1929 assortment are priced at the regular dozen price. The dealer cost is $13.33 and retails for $20.00.

In ordering just specify: the 1929 Buss Light Assortment, including 7 lights and display material.

1929 Buss Light Assortment
(Including 7 Lights and Display Material).

GREIST SUPER ADJUSTABLE LAMP



Super Adjustable Lamp

An adjustable lamp that will stand, hang, clamp anywhere any position. The quality product of the Clamping Lamp Field. Made with utmost care from best materials and will withstand rough usage. Packed in individual cartons, less the bulb.

NO.	Finish	Ht. In.	lb Es.	EACH
LS3D	Decorated Brass	12	1½	$3 00
LS8D	Mahogany Brnz.	12	1½	3.00
LS9D	Ivory	12	1½	3.00
LS15D	Jade	12	1½	3.00

PORTABLE DESK LAMP

Greist

A high grade lamp of studiest construction, practically non-breakable. The flexible shaft makes it possible to bend or twist the lamp into most any conceivable position without the least danger of damage. Complete with cord and plug, less the bulb.

NO.	Finish	Ht. In.	lb Ea	EACH
LF3D	Brass	20	5	$5 00
LF7D	Stat. Bronze	20	5	5.00

A sturdy lamp made of steel with gray iron base. Built similar to LF3, complete with cord and plug, less the bulb.

NO	Finish	EACH
LFB-8	Mah Bronze	$3.00
LFB-15	Jade	3.00
LFB-20	Olive Bronze	3.00

Ajax

Made with utmost care from best materials and will withstand rough usage. In brushed brass finish, complete with screw socket, silk cord and two-piece attachment plug.

NO.	lb Each	EACH
1012A	2	$4.00

BOUDOIR LAMPS

LAMPS WITH SHADES

Boudior

Imported pottery base, hand painted parchment shade.

NO	Ht. In.	EACH
1000	12	$2.00

Table Lamp

Imitation Chinese Cloisonne (a high price metal) hand engraved. Hand painted parchment shade.

NO.	Ht. In	EACH
301	24	$13.00

Table Lamp

Genuine imported Oware Pottery. Hand painted parchment shade.

NO.	Ht. In.	EACH
343	21½	$23.00

BUSS BOUDOIR LAMPS

Have a shade holder that grips the bulb, so that the shade can be tilted and will stay in any position. A patent ball joint, so that you can bend the lamp in any direction all the way round. A base plate that screws out to form a clamp which holds on anything flat or round up to 2¼ in. A slot in the base so that a Buss Light can be hung on hook or nail. Complete with extra long (9 ft.) cord and combination, separable plug (bulb not included).

(Bulb not included)

Dresden design translucent shade; decorated ivory base.

NO.	Height In.	Lbs. Each	EACH
3151	11½	2¼	$3.50

Boat design translucent shade; decorated bronze base.

NO.	Height In.	Lbs Each	EACH
3252	11½	2¼	$3.50

(Bulb not included)

Futuristic design translucent shade; decorated bronze base.

NO	EACH
3253	$3.50

Persian design translucent shade; decorated gun metal base.

NO	EACH
3554	$3.50

(Bulbs not included)

Decorated ivory metal shade and base.

NO	EACH
3141	$3.50

STOVE HOLLOW WARE

Griswold extra finished iron hollow ware is of the highest quality. Each piece is carefully molded by experienced workmen insuring thicker, heavier metal, where durability and heat are required. The choicest of high grade superior iron is used, making possible the highly polished surface. To preserve this finish each piece is vaporized with a transparent anti-rust preparation, which eliminates the danger of rust from atmospheric changes.

GRISWOLD, EXTRA FINISH SKILLETS

Nos.	EFS3	EFS4	EFS5	EFS6	EFS7
Diam top, ins	6⅛	7	8	9⅛	9⅞
Diam bottom, ins	5¼	5¾	6¾	7½	8¼
Depth, ins	1½	1⅝	1⅞	1⅞	2⅛
Wt each, Lbs	1½	2	2½	3	3½
Each	$0 90	1 50	1 65	1 77	1 89

Nos.	EFS8	EFS9	EFS10	EFS11	EFS12
Diam top, ins	10⅝	11¼	11¾	12½	13¼
Diam bottom, ins	8⅞	9¾	10¼	10⅞	11¾
Depth, ins	2¼	2⅛	2¼	2¼	2¼
Wt each, lbs	4	4½	5	5½	7
Each	$2 04	2 52	3 00	3 78	4 60

Packed loose.

COVERS

For Griswold Skillets.

Close fitting, self-basting cover for cast iron and cast aluminum skillets.

Nos.	EFC7	EFC8	EFC9
Fits Skillet No.	EFS7	EFS8	EFS9
Wt each, lbs	2½	3	3½
Each	$1 53	1 74	2 04

Packed loose.

GRISWOLD, EXTRA WHITE NICKEL FINISH SKILLETS

Nos.	EFCNS3	EFCNS5	EFCNS6	EFCNS7
Diam top, ins	6⅛	8	9⅛	9⅞
Diam bottom, ins	5¼	6¾	7½	8¼
Depth, ins	1¼	1¾	1⅞	2
Number in carton	12	4	4	4
Wt each, lbs	1½	2½	3	3½
Each	$1 20	2 25	2 40	2 55

Nos.	EFCNS8	EFCNS9	EFCNS10	EFCNS12
Diam top, ins	10⅝	11¾	11¾	13⅛
Diam bottom, ins	8⅞	9¼	10	11¾
Depth, ins	2	2	2⅛	2¼
Number in carton	4	4	4	1
Wt each lbs	4	4½	5	7
Each	$2 70	3 30	4 05	5 70

COVERS FOR ABOVE SKILLETS

White nickel finish cast iron with self-basting sanitary rings.

Nos.	EFCNFC7	EFCNFC8	EFCNFC9
Fits skillet No.	EFCN7	EFCN8	EFCN9
Wt each, lbs	3	3¼	4¼
Each	$2 04	2 34	2 70

Third doz in carton.

STOVE HOLLOW WARE

GRISWOLD, GREEN VITREOUS ENAMEL OUTSIDE POLISHED FINISH INSIDE SKILLETS

Nos.	EFG30	EFG60	EFG70	EFG80
Diam top, ins	6½	9⅛	9⅞	10⅝
Diam bottom, ins	5¼	7½	8¼	8⅞
Depth, ins	1¼	1⅞	2	2
Number in carton	12	4	4	4
Wt each, lbs	1½	3	3½	4
Each	$1 98	3 30	3 60	3 75

Nos.	EFG90	EFG100
Diam top, ins	11⅜	11¾
Diam bottom, ins	9½	10
Depth, ins	2	2⅛
Number in carton	4	4
Wt each, lbs	4½	5
Each	$4 65	5 55

COVERS FOR ABOVE SKILLETS

Green vitreous enamel outside, polished inside. Self basting sanitary rings.

Nos.	EFG180	EFG190	EFG1000
Fits skillet No.	EFG80	EFG90	EFG100
Wt each, lbs	3	3¼	4½
Each	$3 00	3 60	4 50

Third doz in carton.

GRIDDLES

Nos.	EFG7	EFG8	EFG9	EFG10
Diam, ins	8	9⅛	10⅜	11½
Wt each, lbs	2½	3½	4½	5
Each	$1 71	1 80	2 13	2 70

Packed loose.

GRISWOLD, EXTRA FINISH, KETTLES

Flat bottom; heavy wire bail; with ring.

Nos.	EFFK7	EFFK8
Diam top, ins	9¼	9⅞
Diam bottom, ins	8¼	8⅞
Depth, ins	6¼	6¾
Capacity, qts	6	7
Wt each, lbs	6	7
Each	$4 50	5 13

Packed loose.

REGULAR KETTLES

Round bottom; heavy wire bail; with legs and ring.

Nos.	EFRK7	EFRK8
Diam top, ins	9½	10¾
Diam bottom, ins	7¾	8¾
Depth, ins	7¼	8
Capacity, qts	6	8
Wt each, lbs	7	8
Each	$4 50	5 13

Packed loose.

GRISWOLD, EXTRA FINISH DUTCH OVENS

Heavy wire bail; with lid.

Nos.	EF06	EF07	EF08	EF09	EF010
Diam top, ins	8¼	9¼	10	11	12½
Diam bot, ins	7	8	9	10¼	11
Depth, ins	3⅝	3¾	4¼	4½	5¼
Capacity, qts	2½	3½	5	6	8
Wt each, lbs	5½	9	10	12	15
Each	$4 74	5 31	6 15	6 96	8 19

Packed loose.

DISPLAY STANDS

GRISWOLD, FOR DUTCH OVENS

(No 12)

Steel tee iron frames, bright red enamel finish; heavy tinned steel wire shelves; top is formed with three substantial nickel plated castings; bottoms of legs contain a round nickel plated casting which acts as a shoe to permit easy moving of stand when filled.

Will accommodate any three sizes of Dutch Ovens except No. EFO 10. Height 23 ins; size of base triangle shape 17 ins from leg to leg.

Each

No. 3—With order for three or more assorted sizes of Dutch Ovens, display stand will be given free; ship wt each 20 lbs ..... **Free**

One in crate; assembled.

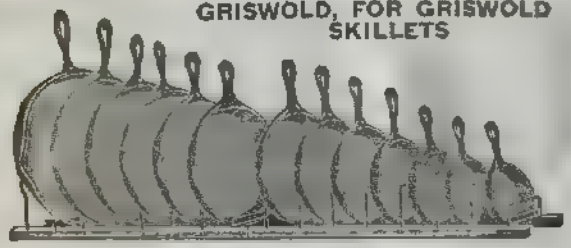
Will accommodate five sizes of Dutch Ovens. Height 50 ins; size of base triangle shape 19 ins from leg to leg.

Each

No. 12—With order for one dozen or more assorted size of Dutch Ovens, display stand will be given free; ship wt each 33 lbs. ..... **Free**

One in crate; assembled.

GRISWOLD, FOR GRISWOLD SKILLETS



(Skillets not included)

Painted hardwood base, heavy retinned wire supports. Can be used on counter, table, show case or in display window.

Note—Given free with orders for 25 or more Griswold Skillets

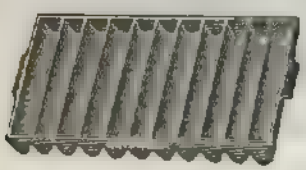
No. GDS—Length 24½ ins; width 6¼ ins; height over all 5 ins..... } **Free**

One in carton; wt each 2 lbs.

STOVE HOLLOW WARE

MUFFIN OR CAKE PANS

GRISWOLD



For baking corn sticks, white bread sticks or lady fingers.

Per Doz

No. EF22—For 11 muffins; size of molds 1¼x7 ins; size pan 13⅜x7⅜ ins..... $22 05

Packed loose; wt per doz 60 lbs.

PLAIN FINISH

Cast iron, natural finish; smooth and well finished.

Per Doz

No. CM20—For 12 muffins; length 16 ins; width 11 ins; size of mold 3 ins..$25 20

Packed loose; wt per doz 84 lbs.

STOVE HOLLOW WARE

MUFFIN OR CAKE PANS

PLAIN FINISH

King corn sticks, white bread sticks or lady fingers.

Per Doz

No. CM22—For 11 muffins; length 13¼ ins; width 7¼ ins; size of mold 1x7 ins.....$18 00

Packed loose; wt per doz about 60 lbs.

Per Doz

No. CM8—For 11 muffins; length 13 ins; width 6¼ ins; size of mold 3 ins....$12 60

Packed loose; wt per doz about 40 lbs.

Cast iron, natural finish; smooth and well finished.

Per Doz

No. CM9—For 11 muffins; length 12¾ ins; width 6¾ ins; size of mold 2⅛ ins..... $12 60

Packed loose; wt per doz 24 lbs.

Per Doz

No. CM19—For six muffins; length 13¼ ins; width 8 ins; size of mold 3 ins... $12 60

Packed loose; wt per doz 36 lbs.

CORN STICK PANS

GRISWOLD

EXTRA FINISH

Cast iron. For baking corn or wheat sticks in molds resembling a cob of corn. Size pan 5⅛x13⅛ inches.

Per Doz

No. EF2700—7 cakes, size ⅝x 1½x5¼ ins..... $18 00

Packed loose; wt per doz 48 lbs.

SOAPSTONE GRIDDLES

Round. 1 inch thick; galvanized iron bound; with handles.

Nos.	12	14
Diam, ins	12	14
Wt per doz, lbs	96	125
Per Doz	$47 25	57 00

Packed loose.

Oblong. One inch thick; galvanized iron bound, with handles.

Nos.	18	20	22
Size, ins	9x18	10x20	11x22
Wt per doz, lbs	132	144	160
Per Doz	$52 50	60 00	69 60

Packed loose.

WAFFLE IRONS

GRISWOLD, EXTRA FINISH, AMERICAN PATTERN

Cast iron, japanned rim; bright finish molds; spiral wire handles. Molds revolve in ball sockets.

Low Base.

No.	EF8
Diam molds, ins	7¾
Diam rim at bottom, ins	9⅞
Wt per doz, lbs	120
Per Doz	$43 20

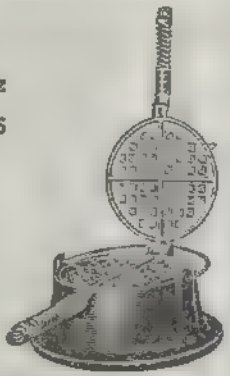
Packed loose.

High Base.
For Gas or Vapor Stoves.

Per Doz

No. EF8D—Diam molds 7¾ ins; diam rim at bottom 9¼ ins ... $61 05

Packed loose; wt per doz 162 lbs.



High Base.
For Gas or Vapor Stoves.

Capacity four waffles 3⅛x3⅛ inches.

Per Doz

No. EF11—Size frame 9¾x9¾ ins. $61 05

Packed loose; wt per doz 175 lbs.

—BELKNAP—

Cast iron, japanned rim; plate castings are smoothly finished inside and out; ball and socket joints provide easy turning of the plates. Spiral wire handles.

Low Base. Per Doz

No. BG8—Diam moulds 7⅞ ins; diam rim at bottom 9⅛ in ... $36 00

Packed loose; wt per doz 84 lbs.

High Base.
For Gas or Vapor Stoves.

Per Doz

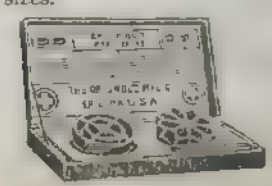
No. BG8D—Diam moulds 7⅞ ins; diam rim at bottom 10¼ ins ... $47 25

Packed loose; wt per doz 108 lbs.

PATTY IRONS

GRISWOLD

Cast iron, made in two patterns and four designs of desirable sizes.



Shallow Pattern.

Set consists of two patty irons, depth ⅞ in with 9⅝ in. wire handle. Per Doz Sets

No. H-1S—Set complete in a neat cardboard box with recipes printed on back of top ... $15 75

No. H-1B—Set wrapped in paper with recipes ... 11 25

Wt per doz sets 18 lbs.

PATTY IRONS

Deep Pattern.

Set consists of two patty irons, depth 1½ ins with 9⅝ in. wire handle. Per Doz Sets

No. H-2S—Set complete in a neat cardboard box with recipes printed on back of top $15 75

No. H-2B—Set wrapped in paper with recipes ... 11 25

Wt per doz sets 18 lbs.

FRENCH FRYERS

ROYAL

Smooth, black steel pan, with heavy steel bracket and handle securely riveted; tinned wire basket, fine mesh with extra heavy twisted wire handle.

Nos.	9B	10B
Diam, ins	9½	10⅜
Depth, ins	3½	3¾
Wt per doz, lbs	23	25½
Per Doz	$43 20	45 75

Packed loose.

EXTRA BASKETS FOR FRENCH FRYERS

Per Doz

No. 19B—For No. 9B French Fryer; diam 9 ins; wt per doz 7 lbs ... $19 80

No. 110B—For No. 10B French Fryer; diam 9½ ins; wt per doz 8½ lbs ... 22 95

Half doz in bdle.

FRYING BASKETS

17 gauge tinned steel wire; ¾ inch mesh; 10 gauge top wire and bail.

Per Doz

No. 08—Diam 8 ins; depth 2¼ ins. $7 65

Packed loose; wt per doz 3 lbs.

STEEL WARE

FRY PAN

NEVER-BREAK

Stamped from one piece cold rolled wrought steel; highly polished handles covered with embossed metal; eye for hanging. Pan will not absorb grease, scale or warp.

Spiders, Lipped.

Nos.	NB7	NB8	NB9	NB10
Diam bottom, ins	8	9	10	10¾
Wt per doz, lbs	24	32	44	54
Per Doz	$16 50	18 75	22 95	28 50

Packed loose; wrapped.

Cake Griddles.

Nos.	NB81	NB91
Diam inside, ins	8¾	9¾
Wt per doz, lbs	24	32
Per Doz	$15 00	18 00

Quarter doz, wired in bundle.

D 6

STEEL WARE

—OLD KENTUCKY HOME—

Spiders Lipped.

Stamped from one piece 14 gauge, cold rolled steel, highly polished inside, cold handle of tin over the steel.

Nos.	OKH7	OKH8	OKH9	OKH10	OKH11
Diam top, ins	9¼	10¼	11¼	12¼	13¼
Diam bottom, ins	8	9	10	11	12
Length handle, ins	7½	7½	7½	7½	7½
Depth, ins	2	2	2	2	2
Wt per doz, lbs	28	30	33	37	41
Per Doz	$12 00	13 50	15 75	17 25	20 25

Packed loose.

FRY PANS

—BLUE RIBBON—

Spiders Lipped.

Stamped from one piece cold rolled wrought steel, polished. Handles are covered with embossed metal and eye for hanging.

Nos.	07	08	09
Diam at bottom, ins	8	9	10
Wt per doz, lbs	19	24	27½
Per Doz	$6 30	7 95	9 45

Quarter doz, wired in bundle.

ACME

Pan and handle stamped from one piece gun metal finish sheet steel, lipped, with patent tin cool grip.

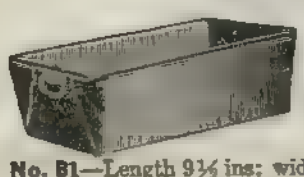
Frying Pans, Lipped.

Nos.	39	40	41	42
Diam top, ins	6	8	8½	9
Diam bottom, ins	4½	5½	6½	7½
Length handle, ins	5½	8	8	9
Wt per doz, lbs	8	6	7	9
Per Doz	$1 71	3 00	3 60	4 35

Nos.	43	44	45	46	47
Diam top, ins	9½	10	11	12	13¼
Diam bottom, ins	7½	8⅛	8½	9⅜	10¼
Length handle, ins	9	10¼	10¼	10¼	12
Wt per doz, lbs	12	15	18	24	30
Per Doz	$5 25	5 55	6 30	7 95	10 50

Quarter doz, wired in bundle.

BREAD PANS



29 gauge uniform colored sheet steel. Top edge wired and ends folded over smoothly; riveted wire ring handle.

Per Doz

No. B1—Length 9½ ins; width 5½ ins; depth 2¾ ins. $2 55

Packed loose; wt per doz 5½ lbs.

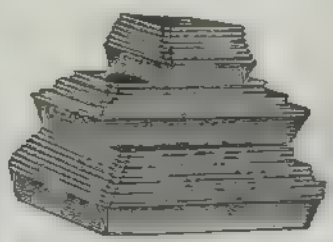
DRIPPING PANS

NESCO SANITARY

One piece of cold rolled steel with rounded corners and electric welded handles. Inside perfectly smooth and easily cleaned.

Nos.	Per Doz	Size, ins	Depth, ins	Wt per doz, lbs
1	$2 70	6 x 9	2	5
2	3 75	6½x13	2	7½
3	3 57	7 x10	2	7
4	3 90	7 x14	2	8½
5	3 45	8 x10	2	6½
6	3 90	8 x12	2	8
8	4 05	9 x12	2	8¾
9	4 80	9 x14	2½	11½
10	5 25	9 x15	2½	12½
11	4 80	10 x12	2½	11
12	5 10	10 x14	2½	12¼
17	6 30	11 x16	2½	16½
18	5 25	12 x12	2½	15
20	6 75	12 x17	2½	19½
22	6 75	14 x14	2½	18
23	7 50	14 x15	2½	20
24	9 00	15 x17	2½	21

Two doz in crate.



Standard 28 gauge uniform color blue steel. All pans larger than No. 018 uniform color 28 gauge sheets. No. 018 and smaller uniform color 29 gauge sheets. Top edge wired and corners folded over smoothly; riveted wire handles.

Nos.	Per Doz	Size, ins	Depth, ins	Wt doz, lbs
01	$2 04	6 x 9	2¼	6¼
02	2 85	6½x13	2¼	8¾
03	2 56	7 x10	2¼	8
04	3 15	7 x14	2½	9
05	2 55	8 x10	2½	8¼
06	3 00	8 x12	2½	11
010	3 75	8½x15	2½	14
013	3 15	10 x10	2½	12½
015	3 75	10 x12	2½	12¼
016	4 05	10 x14	2½	15
017	4 80	10 x17	2½	18½
018	4 20	12 x12	2½	14
020	4 65	12 x14	2½	17
021	5 25	12 x17	2½	21
022	5 25	14 x14	2½	20
023	5 55	14 x15	2½	22
024	6 30	16 x17	2½	25

Three doz in bdle.

DRIPPING PAN ASSORTMENTS

Consists of the following:

½ doz No. 03, size 7x10 ins. 1½ doz No. 016, size 10x14 ins.
1½ doz No. 04, size 7x14 ins. ½ doz No. 021, size 12x17 ins.
½ doz No. 06, size 8x12 ins. ½ doz No. 023, size 14x15 ins.

No. 60—5 doz ass't as described above, Per Ass't.....$18 60

Wt per ass't 28 lbs.

REX RUBBER & NOVELTY CO.

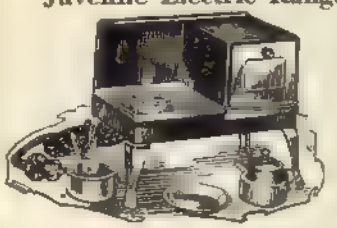
96 Warren Street -:- -:- -:- New York

The World's Greatest Line of

BALLOONS RUBBER TOYS RUBBER NOVELTIES

"Little Lady"

Juvenile Electric Ranges and Irons



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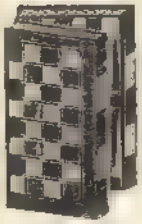
Ballot Boxes



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Carved Knight

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GOODY MANUFACTURING CO.
Shulman & Sons
133 E. 16th ST., NEW YORK

F FIRE EXTINGUISHERS

SODA AND ACID TYPE

Guardene

No. SUAC

Guardene

Made of special cold rolled copper. Seams hand riveted, heavy treated rubber hose, lead nozzle, bottle cage is heavy cast brass, lead coated, and is separated from head; the bottle has a loose lid stopper. To discharge, turn extinguisher bottom end up and hold by the handle underneath the bottle; the lead stopper drops from the neck of the bottle and rests against the head, allowing the sulphuric acid to mix with the soda solution, and creating a large volume of carbonic acid gas, throwing a stream of the chemical 50 ft. which will instantly put out an oil or gasoline fire. Chemicals required—1½ pounds bicarbonate of soda, 4 fluid ounces of sulphuric acid.

NO.	Cap. Gal.	Ht. In.	Dia. In.	lb Ea.	EACH
Guardene	2½	21	7	25	$24.00

STANDARD

Similar in construction to above and approved by insurance underwriters.

NO.	Cap Gal.	Ht. In.	Dia. In.	lb Ea.	EACH
Standard	2½	21	7	25	$18.00

One complete in a carton.

Charges for Above

Will work with any soda and acid type extinguisher.

NO.	Wt. Each	EACH
SUAC	1½ lb.	$1.00

FOAM TYPE

Pyrene Mfg. Co.—Phomene

A foam type fire extinguisher effective on all classes of fires, including oil, gasoline, naptha, enamel, tar, wax, grease, shellac, lacquers, inflammable solvents and chemicals. Phomene ejects 20 gallons of tough fireproof foam which spreads over the burning surface and cuts off the supply of oxygen. Built of heavy cold rolled copper, polished and lacquered. Labeled by the Underwriters Laboratories. Throws stream of from 25 to 35 feet.

NO.	Cap. Gal.	Hgt. In.	Lb. Ea.	EACH
Phomene	2½	24	18	$25.00

Charges for Above

NO.	Cap. Gal.	EACH
Phome-C	2½	$1.75

PYRENE

No. PB-J

No. PEC-Q

Pyrene Liquid is a carbon tetrachloride chemical combination, that on touching fire or heat is converted into a dense white gas blanket, which surrounds the fire and smothers it instantly. Effective on any kind of fire—oil, electric, etc. Will reduce insurance charges. Complete with japanned brackets.

NO.	Cap.	Ht. In.	Dia. In.	lb Ea	EACH
PBJ-Auto	1 pt.	11	2½	5.	$ 9 00
PBJ-1	1 qt.	14	3	6	12.00
PBJ-1½	1½ qt.	17	3½	9	15.00

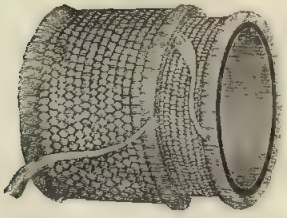
One complete in carton, with brackets.

Charges for Above

NO.	Capacity	lb Each	EACH
PEC-P	1 pt.	2	$0.90
PEC-Q	1 qt.	4	1 80

Twenty quart cans to a case.

FIRE HOSE F



Chieftain—Cotton—Double Jacket

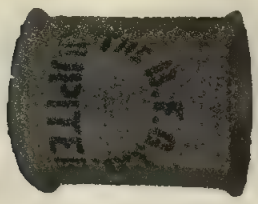
Cotton rubber lined hose is for outside service, where the hose is to be connected with hydrant or pump. To preserve this hose, water must be run through it frequently, at least two or three times a year, as this keeps the rubber lining pliable, and lengthens its life. Before being put back into service the fabric or jacket should be thoroughly dried. Should be kept in a well ventilated place. Coiling this hose on reel or saddle is better than folding on hose rack. The life of a fire hose is usually one of inactivity and only the best of materials can withstand the deteriorating effects of age.

This hose is woven from the highest grade long fibre, gulf cotton yarn. The weave is such that each thread must bear its proportion of the strain. Rubber lined. Tested to 400 pounds pressure.

Coupled with expansive ring couplings.

NO.	Diameter	Wt. Foot	FOOT
CH2	2 in.	3½ lb.	$1.80
CH2½	2½ in.	5 lb.	2.20

In 50 foot lengths only.



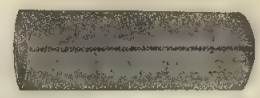
Jupiter—Cotton—Double Jacket—Rubber Lined

A strong dependable hose for fire department service, somewhat lighter in weight than Chieftain but of excellent quality. An unparalleled value for the smaller municipalities.

Coupled with expansive ring couplings.

NO.	Diameter	Wt. Foot	FOOT
J2	2 in.	3½ lb.	$1.70
J2½	2½ in.	5 lb.	2.00

In 50 foot lengths only.



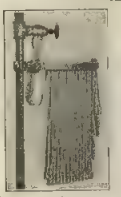
Rendein—Underwriters—Unlined Linen

Unlined linen hose for interior fire protection. Used in connection with stand pipe in office buildings, factories, etc. Linen hose deteriorates by being wet. The underwriters request that purchasers do not test the hose, as linen hose is tested before it leaves the mill, and the test will merely damage the hose to an appreciable extent. Hose will leak slightly when first used, but the fibres will almost immediately expand and the hose becomes practically water-tight. Very thoroughly dry the hose inside and outside after it has been wet. Not intended to be used for general service, but for interior fire protection only.

Highest grade boiled flax fibre, extra well made, carefully finished, without rubber lining. For use where a light rose is required. Will fold in small space, for factories, etc. Made in any length up to 300 feet. In accordance with requirements and specifications of Associated Mutual Insurance Company. Without couplings.

NO.	Diam.	Wt. 100 Ft.	FOOT
RE1½	1½ in.	16 lb.	$0.45
RE2	2 in.	20 lb.	.60

FIRE HOSE RACKS

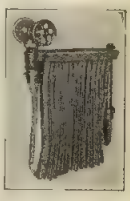


Style F—With Pipe Clamp For Unlined Linen Hose

The Bowes idea consists of a tubular arm mounted with sliding eyelet p ns. The opposite ends of the pins are designed to fit in a channel parallel to the tubular arm, thus supporting the folded hose, giving a positive support. The pressure is equal on both arms which prevents pinching of the hose and absolutely holds it in place until the hose is withdrawn at the open end, the pins remaining on the extension arm. Finished in aluminum.

NO.	Size Hose Inches	Capacity	Wt. Each	EACH
41F	1½ in.	50 ft.	15 lb.	$ 8.00
42F	2 in.	50 ft.	7 lb.	8 00
44F	1½ in.	100 ft.	6 ft.	10 00
45F	2 in.	100 ft.	7 lb.	10.00

Packed in bulk.



Style G—With Valve Nipple For Unlined Linen Hose

Same as style F but fastens to valve on wall.

NO.	Size Hose Inches	Capacity	Wt. Each	EACH
51G	1½ in.	50 ft.	5 lb.	$10.00
52G	2 in.	50 ft.	6½ lb.	10 00
54G	1½ in.	100 ft.	6 lb.	12.00
55G	2 in.	100 ft	7½ lb.	12.00

Packed in bulk.

SHIPPED DIRECT FROM FACTORY, F. O. B. GRAND RAPIDS, MICH.

Unit Bookcases for the Home

D215—One Piece Bookcase with solid ends; has two book compartments 11¼ inches high and one 9¼ inches high. Convenient doors move on roller bearings; noiseless, dustless. Width, 34¼ inches; height, 31 inches; depth, 12¼ inches. Made of birch and gum in imitation walnut or mahogany finish.
Shipping weight, approximately 135 lbs. Each 46.00

D241—Bookcase with solid one-piece ends; has two 11¼ inch and one 9¼ inch book compartments. Removable doors, operate easily on roller bearings. Width, 34¼ inches; height, 58 inches, depth, 12¼ inches. Made in birch and gum, in imitation mahogany or walnut finish.
Shipping weight, approximately 155 lbs. Each 60.00

Sectional Bookcase

D509—Standard Book Sections with flush top and sanitary base; width, 34¼ inches; total height, 46 inches, comprising top section, 2⅝ inches; 1 book section, 9¼ inches; 2 book sections, 11¼ inches and 1 sanitary base, 5½ inches. Made in quartered white oak, birch imitation mahogany or genuine mahogany. Each

Quartered White Oak	47.80
Birch, Imitation Mahogany or Walnut	47.80
Genuine Mahogany	57.40

Distinctive Features Found Only in the "Gunn"

FLUSH FRONTS—The solid shelves do not protrude between the doors, eliminating dust collecting ledges found in other cases. FLUSH ENDS—ARTISTIC DESIGNS. REMOVABLE DOORS. Great convenience in cleaning glass. Non-binding, because they run on roller bearings. DESK SECTIONS—Have large, rigid, writing bed. Pigeon hole interior carefully designed for practical use.

Sectional Bookcases

D501 Standard Book Sections with flush top and sanitary base; width, 34¼ inches; total height, 67⅛ inches, comprising top section 2⅝ inches, 2 book sections 9¼ inches, 2 book sections 11¼ inches and 1 sanitary base 5½ inches. Made in quartered oak, birch imitation mahogany or genuine mahogany. Shipping weight, 125 lbs.

	Each
Quartered White Oak	59.30
Birch, Imitation Mahogany or Walnut	59.30
Genuine Mahogany	70.70

D503—Standard Book Section with flush top, desk section and sanitary base; width, 34¼ inches; total height, 59½ inches, comprising top section, 2⅝ inches; 2 book sections, 9¼ inches; standard desk section, 15¼ inches; 1 book section, 11¼ inches and 1 sanitary base 5½ inches. Made in quartered white oak, birch imitation mahogany or genuine mahogany. Shipping weight, 185 lbs.

	Each
Quartered White Oak	78.20
Birch, Imitation Mahogany or Walnut	78.20
Genuine Mahogany	92.72

D1300—Standard Book Sections with flush top and "Queen Anne" base; width, 34¼ inches; total height, 57⅛ inches, comprising top section, 2⅝ inches; 2 book sections 11¼ inches; 2 book sections, 9¼ inches, and 1 "Queen Anne" base. Made in quartered white oak, birch imitation mahogany or genuine mahogany. Shipping weight, 125 lbs.

	Each
Quartered White Oak	60.20
Birch, Imitation Mahogany or Walnut	60.20
Genuine Mahogany	72.60

Standard Separate Sections

	Each	Inside Height
D 50—Top sections flush, Oak or Imitation Mahogany	$ 7.00	9¼-inch Book section, Oak or Imitation Mahogany
D 51—Top sections flush, Genuine Mahogany	8.74	9¼-inch Book section, Genuine Mahogany
D 52—Base sections sanitary, Oak or Imitation Mahogany	7.60	11¼-inch Book section, Oak or Imitation Mahogany
D 53—Base sections sanitary, Genuine Mahogany	9.50	11¼-inch Book section, Genuine Mahogany
D135—Base sections Queen Anne, Oak or Imitation Mahogany	9.96	15¼-inch Desk section, Oak or Imitation Mahogany
D130—Base sections Queen Anne, Genuine Mahogany	11.66	15¼-inch Desk section, Genuine Mahogany

	Each
9¼-inch Book section, Oak or Imitation Mahogany	$10.00
9¼-inch Book section, Genuine Mahogany	12.50
11¼-inch Book section, Oak or Imitation Mahogany	12.20
11¼-inch Book section, Genuine Mahogany	15.26
15¼-inch Desk section, Oak or Imitation Mahogany	14.10
15¼-inch Desk section, Genuine Mahogany	17.60

	Each
D10—Desk section, Quartered Oak or Imitation Mahogany	20.20
D10—Desk section, Genuine Mahogany	25.24

BE SURE TO SPECIFY FINISH DESIRED. MENTION WHETHER GENUINE OR IMITATION MAHOGANY.
The Gunn Sectional Bookcases are finished in medium Dark Soft Colors, Golden Oak, Formed Oak, Imitation Mahogany and Genuine Mahogany. Brown Mahogany furnished if desired. All in Dull "Satin" Finish.

REVOLVERS

IVER-JOHNSON
HAMMER, AUTOMATIC
WESTERN WALNUT GRIP

32 Caliber, Center Fire, 5 Shot.

Automatic shell ejection, double action, chambered for 32 S. & W. cartridges.

Barrel Ins	Stock	Wt ozs	Blued Nos.	Each
4	Walnut	14	05324	$29 70
5	Walnut	14½	05325	30 45

38 Caliber, Center Fire, 5 Shot.

Barrel ins	Stock	Wt ozs	Nickel Plated No.	Each	Blued No.	Each
4	Walnut	18½			05384	$29 70
5	Walnut	19	5385	$30 45		

All of above one in cardboard box.

IVER JOHNSON, SUPERSHOT

22 Caliber, Rim Fire. 7 Shot.

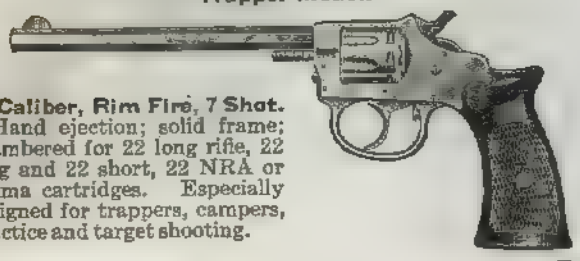
Automatic shell ejector. Especially designed for target practice and vacation sports, also for hunters and trappers. Takes 22 short, long and long rifle cartridges.

Each

No. SS022—Blued steel barrel with gold sight and lettering; western shaped walnut grip, hand checkered; barrel 6 ins long $30 45

One in cardboard box; wt each 1½ lbs.

HARRINGTON AND RICHARDSON
Trapper Model.



22 Caliber, Rim Fire, 7 Shot.

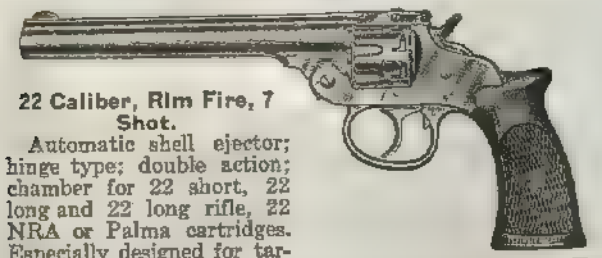
Hand ejection; solid frame; chambered for 22 long rifle, 22 long and 22 short, 22 NRA or Palma cartridges. Especially designed for trappers, campers, practice and target shooting.

Each

No. T022—Blued finish; checked walnut stock; length barrel 6 inches $19 65

One in cardboard box; wt each 12¼ ozs.

Target Model.



22 Caliber, Rim Fire, 7 Shot.

Automatic shell ejector; hinge type; double action; chamber for 22 short, 22 long and 22 long rifle, 22 NRA or Palma cartridges. Especially designed for target shooting.

Each

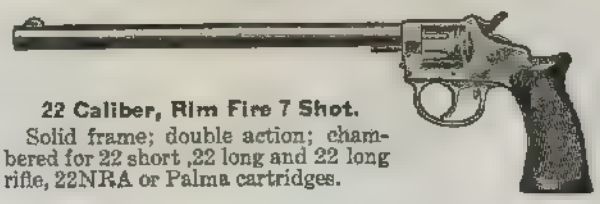
No. 0226—Blued finish; checked walnut target grip; hinge type barrel 6 ins long $30 30

One in cardboard box; wt each 16 ozs.

REVOLVERS

HARRINGTON AND RICHARDSON

Hunter Model.



22 Caliber, Rim Fire 7 Shot.

Solid frame; double action; chambered for 22 short ,22 long and 22 long rifle, 22NRA or Palma cartridges.

Each

No. 02210—Blued finish; checked walnut target grip; octagon barrel 10 ins long $21 75

One in cardboard box; wt each 14 ozs.

Expert.

22 Caliber, Rim Fire 7 Shot.

Heavy frame; hinge type; automatic shell ejector. Shoots 22 short, 22 long and 22 long rifle cartridges.

Each

No. E22-10—Blued finish, checked walnut target grip stocks; gold front sight; 10 inch barrel $34 50

One in cardboard box; wt each 28 ozs.

22 Caliber, Rim Fire, 9 Shot.

Hand ejection; large frame; chambered for 22 long rifle, 22 long and short cartridges. Gold front sight.

Each

No. 0922-6—Blued finish; checked walnut stock and pistol grip; length barrel 6 ins $19 50

One in cardboard box; wt each 21¾ ozs.

22 Caliber, Long Rifle, Rim Fire, Single Shot.

Barrel—Carefully bored and rifled, closely chambered to give accuracy.

Sights—Square or partridge type front, with corresponding square notch in rear sight, adjustable for both elevation and windage with screw adjustments. Sighting distance between sights 9 inches.

Action—Coil and springs throughout. Lock mechanism designed and fitted to give a clean crisp trigger pull. Trigger grooved to prevent finger slipping.

Ejector—Automatic, throws the empty shells clear of pistol.

Each

No. 0225S—Blued finish; checked walnut stock; length barrel 10 ins; length over all 13¼ ins $54 75

One in cardboard box; wt each 28 ozs.

REVOLVERS

IVER-JOHNSON

The Safety Action—The top of the hammer of an Iver-Johnson revolver rests against the solid frame, so that no conceivable impact could force it against the firing pin.

A lifter, which is a long upright part, fits into the notch in front of the hammer; when the trigger is pulled, this lifter is at its highest point and covers the firing pin and at this relative position the hammer is released, striking the lifter and driving the firing pin into the cartridge. Then as the trigger snaps forward the lifter drops down, leaving a clear space between the hammer and firing pin.

The safety action does not add a single extra part nor does it impair the smoothness or speed of action. It demands no thought or intelligence from the user. There is no other conceivable way to discharge the cartridge except by simply pulling the trigger. You can throw the revolver against the wall, kick it about the room or "hammer the hammer" and the cartridge will not explode.

HAMMER

22 Caliber, Rim Fire, 7 Shot.

Automatic shell ejection, double action, chambered for 22 short cartridges.

Barrel, ins	Wt, ozs	Nickel Plated. Rubber Stock. Nos.	Each	Blued. Nos.	Each
3	13	3223	$26 40	03223	$26 40
		Pearl Stock.			
3	13	3223P	31 65	03223P	31 65

One in cardboard box.

32 Caliber, Center Fire, 5 Shot.

Automatic shell ejection, double action. Chambered for 32 S. & W. cartridges.

Barrel, ins	Wt, ozs	Nickel Plated. Rubber Stock. Nos.	Each	Blued. Nos.	Each
3	13½	323	$26 40	0323	$25 50
4	14	324	27 15	0324	27 15
		Pearl Stock.			
3	13½	323P	31 65	0323P	31 65
4	14	324P	32 40	0324P	32 40

One in cardboard box.

38 Caliber, Center Fire, 5 Shot.

Automatic shell ejection, double action. Chambered for 38 S. & W. cartridges.

Barrel, ins	Wt, ozs	Nickel Plated. Rubber Stock. Nos.	Each	Blued. Nos.	Each
3¼	18	383¼	$26 40	0383¼	$26 40
4	18½	384	27 15	0384	27 15
5	19	----	----------	0385	27 90
		Pearl Stock.			
3¼	18	383¼P	32 65	0383¼P	32 55
4	18½	384P	33 45	0384P	33 45
5	19	----	----------	0385P	34 05

One in cardboard box.

REVOLVERS

IVER-JOHNSON

HAMMERLESS

32 Caliber, Center Fire, 5 Shot.

Automatic shell ejection, double action. Chambered for 32 S. & W. cartridges.

Nos.	Barrel, ins	Stock	Wt, ozs	Each
		Nickel Plated.		
423	3	Rubber	14	$28 50
424	4	"	14½	29 25
423P	3	Pearl	14	33 75
424P	4	"	14½	34 65
		Blued.		
0423	3	Rubber	14	$28 50
0424	4	"	14½	29 25
0423P	3	Pearl	14	33 75
0424P	4	"	14½	34 65

One in cardboard box.

CYCLE

Handy, compact; equally as effective as the larger models and can be carried in the vest pocket. Very popular with cyclists and motorists. Its light weight makes it an ideal firearm for women; can be carried in the handbag or in a holster below the knee without betraying its whereabouts.

Hammer.

32 Caliber, Center Fire, 5 Shot.

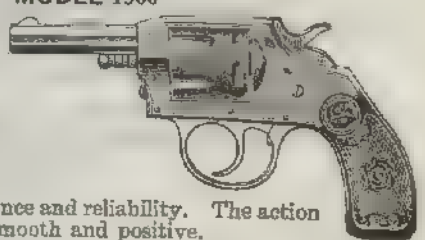
Automatic shell ejection, double action.

Chambered for 32 S. & W. cartridges; length barrel 2 inches; nickel plated.

	Each
No. 322—Rubber stock	✦$26 10
No. 322P—Pearl stock	✦ 31 65

One in cardboard box.

MODEL 1900



A worthy successor to the old "Boston Bull Dog" and "American Bull Dog" revolvers. Thoroughly modernized and brought up to date. Famous for their all around excellence and reliability. The action is simple but quick, smooth and positive.

Hand ejection, solid frame, double action, 2½ inches; octagon barrel, nickel plated.

22 Caliber, Rim Fire, 7 Shot.

(Chambered for 22 short, 22 long and 22 long rifle cartridges.)

	Each
No. J22—Rubber stock	$15 60
No. J22P—Pearl stock	20 85

One in cardboard box; wt each 10½ ozs.

✦F. O. B. Massachusetts Factory Only.

Hafner Manufacturing Co.
1010 No. Kolmar Ave., Chicago, Ill.

OVERLAND FLYER
MECHANICAL TRAINS
and
ACCESSORIES

The Complete New Line

Including: New Numbers in Cars and Locomotives, New Accessories and New Finishes in Brilliant Colors

Will Be On Display at

The Chicago Toy Fair

Room 741, Palmer House

See Our Permanent Display at Our New York Office

200 Fifth Avenue, Room 548

Every Purchaser Is Assured of Extraordinary Value in These Violins at These Low Prices

This is a very extensive showing and should enable you to make a satisfactory selection. These instruments are nicely made and finished throughout. In the lower priced models some are furnished in Full, ¾ and ½ sizes as quoted. The ¾ size is acknowledged as being the correct and proper size for children ranging from 8 to 12 years of age; the ½ size is especially suitable for children from 8 years of age and under.

Cases, Bags and Bows are shown and quoted in this section on following pages.

A Size and Quality to Suit any Purse at a Real Saving

THE POPULAR LOW PRICED MODELS

German made Violin in straight orange color. Spruce top; maple back and sides. Maple Neck. Good ebony finished trimmings. Violin correctly adjusted. Furnished in Full ¾ and ½ sizes as quoted.

No. 7F212 Full Size, Each $10.70
No. 7F232 ¾ Size, Each 10.70
No. 7F312 ½ Size, Each 10.70

Medium dark brown color, artistically shaded. German manufacture; good spruce top with flamed maple back and sides. Fine purfling inlaid. Maple neck, good ebony finished hardwood trimmings throughout. Correctly adjusted, good appearance. Furnished in Full ¾ and ½ sizes, as quoted.

No. 7F102 Full Size, Each $12.50
No. 7F202 ¾ Size, Each 12.50
No. 7F302 ½ Size, Each 12.50

German made instrument, good flame maple back and sides with well seasoned spruce top. Good flamed maple neck to match. Ebony trimmings. Entire instrument finished in medium red mahogany color. Artistically shaded. Instrument carefully adjusted and toned. Suitable for beginners. Furnished in Full, ¾ and ½ sizes as quoted.

No. 7F114 Full Size, Each $13.90
No. 7F214 ¾ Size, Each 13.90
No. 7F314 ½ Size, Each 13.90

Another splendid good German made violin with genuine ebony trimmings throughout. Good flamed maple back and sides with flamed maple neck to match. Seasoned spruce top; violin finished in medium dark mahogany color; nicely shaded. Clean workmanship throughout. Furnished in Full, ¾ and ½ sizes, as quoted.

No. 7F107 Full Size, Each $16.80
No. 7F207 ¾ Size, Each 16.80
No. 7F307 ½ Size, Each 16.80

Imported German made violin. **Schweitzer** model. Fine flamed single piece maple back with flamed sides and neck to match. Good seasoned spruce top and genuine ebony trimmings, throughout. Instrument finished in reddish brown color, nicely shaded. Good tone, medium neck, correctly adjusted. Furnished in Full, ¾ and ½ sizes, as quoted.

No. 7F149 Full Size, Each $18.15
No. 7F249 ¾ Size, Each 18.15
No. 7F349 ½ Size, Each 18.15

Imported German made violin in red mahogany color throughout, nicely shaded and highly polished. Well selected and flamed two-piece maple back, with sides and flamed maple neck to match. Genuine ebony trimmings. Excellent and very fine and clean workmanship throughout. Furnished in Full ¾ and ½ sizes as quoted.

No. 7F126 Full Size, Each $20.15
No. 7F226 ¾ Size, Each 20.15
No. 7F326 ½ Size, Each 20.15

"STAINER" model violin finished in dark red color, nice curly two-piece maple back and curly sides and neck to match. Entire instrument is hand-rubbed and has a wonderful appearance. The name "Stainer" is burnt into the back right below the neck. Full ebony trimmed throughout. Furnished in Full size only.

No. 7F142 Full Size only, Each $20.80

Fine reliable German made violin with carefully selected and seasoned material. Good flamed two-piece maple back with sides to match. Curly maple neck and good spruce top. Genuine ebony trimmings throughout. Instrument finished in dark mahogany color, artistically shaded somewhat imitation of old. Exceptionally fine workmanship and good tone. We highly recommend this instrument. Furnished in Full ¾ and ½ sizes as quoted.

No. 7F138 Full Size, Each $23.50
No. 7F238 ¾ Size, Each 23.50
No. 7F338 ½ Size, Each 23.50

Exceptionally fine German made violin. Neat model, clean workmanship, wonderful tone. Carefully selected, well seasoned, fine flamed two-piece maple back with sides to match, fine curly maple neck and carefully selected spruce top. Genuine black ebony trimmed throughout. Finished in nice medium mahogany color somewhat shaded. Furnished in Full ¾ and ½ sizes, as quoted.

No. 7F136 Full Size, Each $27.50
No. 7F236 ¾ Size, Each 27.50
No. 7F336 ½ Size, Each 27.50

HIGHER-PRICED PROFESSIONAL VIOLINS

The World's Famous "Antonio Loveri" Violins which mean Everything to the Accomplished Violinist. Antonio Loveri violins are HAND-MADE by one of the best violin makers in Europe. Only the best Tone-Woods, thoroughly seasoned, are used for these instruments.

Furnished in Full Size Only

"LOVERI" VIOLIN. Dark red mahogany color, in general slightly shaded. Fine curly two-piece maple back, with sides and neck to match, extra selected spruce top, genuine ebony pegs, tailpiece and fingerboard; good tone.
No. 7F1004 Each $31.50

"LOVERI" VIOLIN. Imitation of old Tyrolean instrument, in dark nut brown color; strongly shaded and fine imitation of old. Selected two-piece curly maple back with neck and sides to match. Carefully selected spruce top. Genuine ebony trimmings; suitable for solo work.
No. 7F1006 Each $39.50

"LOVERI" VIOLIN. Brilliant mahogany color, highly polished, artistically shaded, exceptionally fine curly maple back with sides and neck to match; seasoned spruce top, genuine ebony trimmings; very handsome model and especially suitable for ladies.
No. 7F1007 Each $45.80

"LOVERI" VIOLIN. Dark brown mahogany color, slightly shaded, exceptionally fine two-piece maple back and sides and neck to match. Extra fine grain spruce top, best ebony trimmings throughout. A wonderful instrument both in workmanship and material.
No. 7F1015 Each $51.50

"LOVERI" VIOLIN. Exact copy of old Roman Master Violin. Nut brown color, strongly shaded and in imitation of old. Carefully selected curly one-piece back with sides and neck to match. Extra selected, close grain, spruce top, the best ebony trimmings; very handsome model.
No. 7F1012 Each $59.50

Genuine Hand Made "Ernst Reinhold Schmidt" Violins

Generally Accepted as America's Favorite in Imported Violins

These Violins have been on the American market for the past thirty years and are well known amongst the accomplished violinists and in the trade. They are strictly HAND MADE—the finish beautiful and the tone exquisite.

Each model quoted below is equipped with the finest ebony trimmings and each instrument bears the label of the maker. The models quoted below were selected because of their superiority of tone, unusually fine workmanship and excellence in finish. Coupled with this are extremely low prices, which makes this offering so attractive.

Furnished in Full Size Only

"ERNST REINHOLD SCHMIDT" VIOLIN. Stradivarius model, good selected two-piece maple back, fine old spruce top, instrument finished in dark brown color and artistically shaded. It is the Ernst Reinhold Schmidt quality throughout and in prices very low.
No. 7F829 Each $48.80

"ERNST REINHOLD SCHMIDT" VIOLIN. Guarnerius model, carefully selected flamed two-piece maple back, fine spruce top. This instrument is finished in rich medium brown color, slightly imitation of old. Fine workmanship and finish are excellent.
No. 7F830 Each $60.80

"ERNST REINHOLD SCHMIDT" VIOLIN. Stradivarius model, very fine curly maple, single-piece back, instrument finished in rich nut brown color, imitation of old. Very attractive in appearance and possessing a full and good tone.
No. 7F831 Each $75.50

"ERNST REINHOLD SCHMIDT" VIOLIN. Guarnerius model, extra selected fine flamed single-piece back with sides and neck to match. Carefully selected spruce top. Instrument finished in dark brown color, imitation of old. Its fine workmanship and rich tone, together with its handsome appearance, make this a very prepossessing model.
No. 7F832 Each $100.80

Violin Bows and Cases in All Sizes

Well Made and Finished — Priced Exceptionally Low

The House of Co-operation Inc. 1889 1930

In event of a purchase of a Violin Bow or Case without the Violin, a nominal charge for packing will be extra

VIOLIN BOW

Can be furnished in the Full, ¾ and ½ sizes, as quoted. German made bow. Round Brazilwood stick, hand polished and finished to match dark wine color. White bone tip, genuine ebony frog. Full German silver lined with pearl slide and pearl eye. Solid German silver screw. Brown cloth grip.

No. 7F504 Full Size Violin Bow. Each $2.10
No. 7F604 ¾ Size Violin Bow. Each 2.10
No. 7F704 ½ Size Violin Bow. Each 2.10

VIOLIN BOW

Can be furnished in the Full, ¾ and ½ sizes, as quoted. Good grade Brazilwood stick. Round finished in medium brown color. German manufacture. Genuine ebony frog, half rounded, full lined. German silver wire grip.

No. 7F510 Full Size Violin Bow. Each $4.20
No. 7F610 ¾ Size Violin Bow. Each 4.20
No. 7F710 ½ Size Violin Bow. Each 4.20

VIOLIN BOW

This high grade Violin Bow is furnished in the Full and ¾ sizes as quoted. Carefully selected genuine Pernambuco stick, rounded to a dark cherry color. Hand polished. Fine hand grasped, genuine ebony, full lined and pearl inlaid frog. German silver wire grip.

No. 7F526 Full Size Violin Bow. Each $9.80
No. 7F626 ¾ Size Violin Bow. Each

"ANTONIO LOVERI" VIOLIN BOW

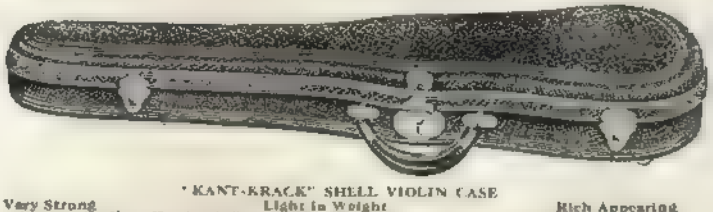
High-grade genuine Pernambuco stick, hand rubbed to a semi-dull finish. Medium brown color, perfect workmanship throughout. Equipped with a fine genuine ebony frog, fully lined with German Silver. Pearl slide and fine German silver screw. A high grade bow at a moderate price.

No. 7F531 Full Size "Antonio Loveri" Violin Bow. Each $11.20

"KANT-KRACK" SHELL VIOLIN CASE No. 7F10

(Furnished in the Full, ¾ and ½ Sizes)

Prices and description to right



"KANT-KRACK" SHELL VIOLIN CASE

Very Strong — Light in Weight — Rich Appearing

Best grade Kant-Krack shell covered with extra selected grade of Keratol, walrus grained. Steel valance fine nickeled trimmings, lock and key. Fine velvet and silk plush, padded bottom and sides, center and end pocket for strings and accessories. Spring bow holders. Excellently made and finished. An exceptional value at this price.

No. 7F30 Full Size Case. Each $18.45
No. 7F30¾ Same as above, except for ¾ size Violin. Each 18.45
No. 7F30½ Same as above, except for ½ size Violin. Each 18.45
No. 7F31 Same as No. 7F30, but with extra silk bow ribbons. Each 19.35
No. 7F32 Same as No. 7F30, but with extra silk bow ribbons and removable bottom pad. Each $20.30

VIOLIN BOW

Can be furnished in the Full, ¾ and ½ sizes, as quoted. German made Violin bow carefully selected Brazilwood stick, finished in dark brown Mahogany color, hand rubbed. Mahogany color grip, full lined genuine ebony frog. Good set of hair. Very reliable bow.

No. 7F502 Full Size Violin Bow. Each $3.40
No. 7F602 ¾ Size Violin Bow. Each 3.40
No. 7F702 ½ Size Violin Bow. Each 3.40

VIOLIN BOW

This fine Violin Bow is made only to the full size. It is a well made bow, manufactured in large quantities, which permits the low price to prevail in this selling. Genuine Pernambuco stick, round, full lined, and [illegible] with genuine ebony frog, tipped with silver wire grip. German manufacture.

No. 7F524 Full Size Violin Bow. Each $6.30

"BAUSCH" MODEL VIOLIN BOW

This very high grade "BAUSCH" Model Violin Bow is made in the Full size only. It is the bow preferred by many. A fine genuine Pernambuco stick, carefully selected and well balanced. Round. Finished in dark mahogany color. One hand polished. Hand finished, solid ebony frog lined with genuine silver. Silver wire grip and silver screw. Stamped "Bausch."

No. 7F538 Full Size Violin Bow. Each $14.70

"ANTONIO LOVERI" VIOLIN BOW

Carefully selected genuine Pernambuco stick, round, finished in medium brown color, hand rubbed to semi-dull finish. Equipped with a fine genuine leather and whalebone grip, high grade genuine ebony frog, trimmed in pure Sterling silver, fancy pearl slide and heel. Fine combination silver and ebony screw.

No. 7F536 Full Size, "Antonio Loveri" Violin Bow. Each $18.90

"Kant-Krack" Shell Violin Case

Pictured to left

(Furnished in the Full, ¾ and ½ Sizes, as quoted)

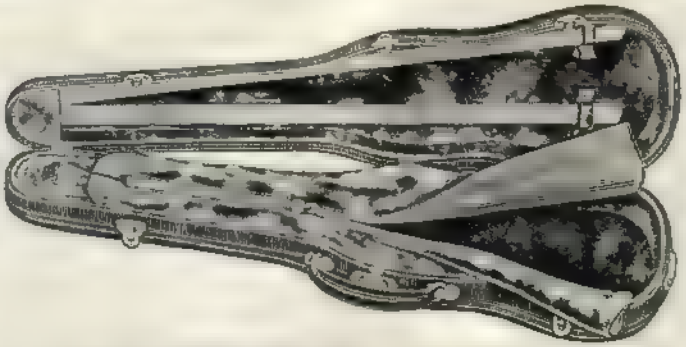
No. 7F10 Reliable "Kant-Krack" shell, covered with grained keratol, lined with good flannel, nickeled catches, lock and key, end pocket, steel valance, spring bow holders $9.10
No. 7F10¾ Same as No. 7F10 case, but for ¾ size. Each 9.10
No. 7F10½ Same as No. 7F10 case, but for ½ size. Each 9.10

(Guaranteed) "Kant-Krack" Shell Violin Case

(Full Size only)

Same style as No. 7F10 "Kant-Krack" Case illustrated to left.

No. 7F29 Guaranteed best grade "Kant-Krack" shell, covered with fine grade of walrus grained keratol, nickeled trimmings with lock and key, lined with purple velvet throughout, padded bottom and sides, spring bow holders, full size only. Each $14.95

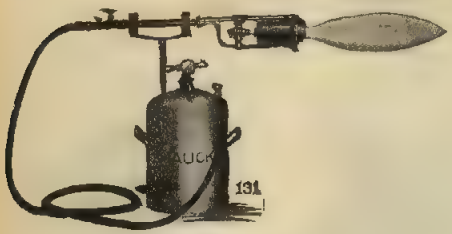


"KANT KRACK" VIOLIN CASE WITH HOOKLESS FASTENER PAD

Kant-Krack construction, covered with fine grade of walrus grained Keratol. Inside lined with cotton plush and fitted with hookless cover pad. Heavy nickel trimmings and leather handle. Very substantially constructed. Unusually well made and finished.

No. 7F98 For Full Size Violin, only. Each $30.00

Hauck Portable Kerosene Burner



Hand Pump Type

No Compressed Air Required

For kerosene only; having a quick acting hand air pump built inside the tank. It was designed for field and shop work where compressed air is not available or convenient for use. The flame is intense and easily regulated. The burner operates approximately five hours with a few strokes of pumping.

Stands as shown, holding above burner, are furnished when ordered.

No.	Capacity of Seamless Tank, Gallons	Length of Hose, Feet	Oil Consumption per Hour, Gallons	Shipping Weight, Pounds	Weight of Burner, Pounds	Price, Complete
11	3	6	½	50	3	$ 45.00
7a	5	6	1	60	3	50.00
7	10	12	1½	80	5	70.00
8	12	12	2½	95	6	85.00
9	15	12	3	110	8	98.00

Hauck Portable Kerosene Lead Melting Furnace

The standard type furnace, made entirely of steel and iron, with a cast iron melting pot and bar.

It is equipped with a Hauck burner of the latest improved type attached to the furnace shell and 10-gallon capacity seamless drawn steel tank, equipped with a quick acting and powerful hand air pump; also pressure gauge and necessary valves.

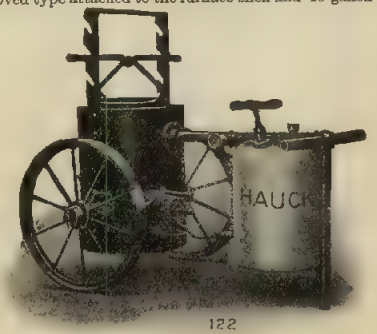
Only a few strokes are necessary to obtain the required pressure. The burner operates approximately five hours with a few strokes of pumping.

The furnace is well balanced and easily portable. Note the wide rims on wheels.

450 pounds of lead can be melted within 20 minutes and kept in molten condition at a few cents per hour. Additions of new lead will melt instantly.

The oil tank and burner are securely attached to the furnace and always ready for immediate use. Made in three sizes.

Also furnaces of the No. 122 type, mounted on three legs, furnished with a bracket to hold any type of portable burner.



Portable Kerosene Lead Melting Furnace

No.	Capacity of Pot, Pounds	Oil Consumption per Hour, Gallons	Price
200	200	1½	$135.00
201	450	2	180.00
202	850	3	180.00

Hauck Combination Melting Furnace and Portable Heater

Hauck portable burner used in connection with a melting furnace; 200 pounds of babbitt metal melted in fifteen minutes and the molten metal kept at a proper temperature at little cost.

The burner may be detached from furnace and used for numerous other heating requirements.

Special furnaces and burners for melting brass, copper, iron, aluminum, bearing metal, lead, etc.

Price with No. 7 burner..... $ 65.00

Price with No. 8 burner..... 115.00

Extra burner with base like No. 131 without tank, for attaching to above furnaces, **$33.50** additional.

HANGING HOOKS

For Wood Track.

No. 267B. Length after bending, ½x14 inches. Wt dz., 15 lb. Dozen $2 50

CENTER TRIP SLING LOCKS
HUDSON

No. 622. The trip or lock on a hay sling is its most vital point, and the only part that is likely to give trouble. This lock is made of malleable iron in one size only; has but two pieces; is light, strong and durable, well made and guaranteed. Wt. ea., 1 lb. Each $1 25

FLOOR HOOKS

No. 266. ⅝ inch wrought iron. Wt. doz., 15 lbs. ..... Dozen $2 50

ROPE HITCH AND HOOK
SWIVEL

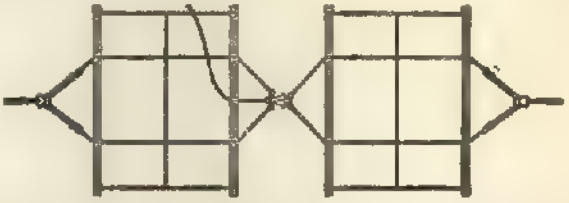
No. 376. One of the handiest articles in a hay tool outfit. No hard knot to untie, no wasting of rope by cutting knots open. Twist in the rope is removed by the swivel. Wt. doz., 16 lbs. ..... Dozen $6 75

SLING PULLEYS

No. 224 Parallel. Wt pair, 18 lbs. ..... Pair $5 00

HAY SLINGS

No. 1728. Center trip; 5 foot bars made of hardwood, three ropes' ropes are ½ inch, loose twist, are strong and will not gnarl or kink. Adjustable take-up at either end so they can be shortened or lengthened to suit length of wagon box. Wt. each, 21 lbs. ..... Each $7 75



No. 621. Center trip; 6 foot bars; has all the advantages of No. 1728 and has 4 ropes lengthwise instead of 3, and has 1 rope crosswise. Wt. ea. 33 lbs. .... Each $10 00

HAY FORK PULLEYS

No. 156.

No. 155.

Swivel Eye, Steel Frame.

No. 156. 6 inch hard maple sheave, revolving on ½ inch machine bolt. Wt. doz., 38 lbs. ..... Dozen $8 00

Swivel Eye. Steel. Japanned.

No. 155. 6 inch iron sheave, revolving on ½ inch machine bolt. Wt. doz., 48 lbs. ..... Dozen $9 50

No. 466.

No. 153.

Malleable Swivel Eye.

No. 466. Hard maple frame and sheave with wrought steel yoke; 5 inch sheave revolves on hollow pin, self-oiling. Wt. doz., 34 lbs. ..... Dozen $8 00

Swivel Eye.

No. 153. Steel frame; knot passing; 6 inch hard maple sheave; turned bushing. Wt. doz., 36½ lbs. .... Dozen $9 00

HAY FORK PULLEYS

For Wire Cable.

A cable pulley to be used with ⅜ or ½ inch cable instead of rope. Has high carbon steel frame and 7 inch iron sheave.

No. 638. Plain Bushed. Wt. doz., 87 lbs. .....Dozen **$18 00**

No. 638. Roller Bushed. Wt. doz., 87 lbs. .....Dozen **$21 00**

Extra Sheaves.

No. 638. Plain Bushed. Wt. doz., 22 lbs. .....Each **$1 00**

No. 638. Rolled Bushed. Wt. doz., 22 lbs .....Each **1 25**

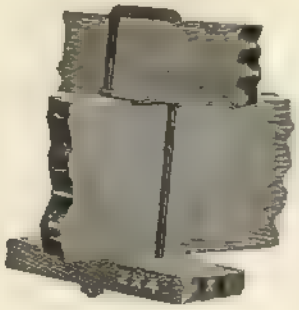
HARPOON HAY FORKS

No. 268. Made of steel; length of tines under cross bar, 25 inches; width, 18 inches. Wt. each, 16½ lbs. .....Each **$3 75**

No. 451. Made of steel; length of tines under cross bar, 31 inches; width, 18 inches. Wt. each, 18 lbs. .....Each **$4 50**

HAY RACK CLAMPS

HUDSON



Hay rack fixtures eliminate the boring of holes in the timber, thus retaining the full strength of all timbers in the rack. The fixtures hold all across timbers positively rigid—no weaving or twisting, so detrimental to the life of a hay rack. Painted with blue enamel. Packed in carton. Complete set of 8 clamps, ⅝-inch round steel, inside width, 2¾ inches, with 8 steel center plates, 8 top washers, 8 bottom clips and 16 nuts.

No. 0. 12 inch clamps for 2x4 cross pieces and 2x6 sills. Wt. set, 11 lbs. .....Set **$2 50**

No. 1. 14 inch clamps for 2x4 cross pieces and 2x8 sills. Wt. set, 12½ lbs. .....Set **$2 75**

No. 2. 16 inch clamps for 2x6 cross pieces and 2x8 sills. Wt. set, 14 lbs. .....Set **$3 00**

One set in a box.

HARPOON HAY FORKS

Nellis. Single.

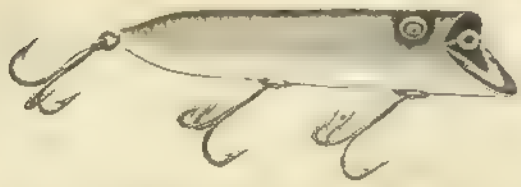
No. 773. Malleable iron head, wrought steel blade, tool steel point and double barb. Spring latch holds load securely and when tripped load drops of its own weight. Wt. each, 11 lbs..Each **$6 00**

Half dozen in a bundle.

Lock Lever.

No. 671. Made of spring steel 1¼ x ⅜ inch, with malleable lever and barbs. Has large capacity owing to cross bar being placed near top of fork. Length under cross bar, 30 inches; width, 19 inches. The special feature is that it locks open as well as closed. Wt. each, 25 lbs. .....Each **$8 00**

HEDDON CASTING MINNOWS



THE "BASSER," No. 8500 SERIES (8502)

Supplied in the following colorations

No. 8501	Rainbow.	No. 8509L	Yellow Perch, Scale
No. 8502	White body, Red head and tail.	No. 8509M	Pike, Scale.
		No. 8509P	Shiner, Scale.
No. 8509D	Green Scale.		

Per Dozen, $11.25

"GAME FISHER" No. 500 SERIES (5509P)

The "Game Fisher", floating while at rest, draws below the surface in a zig-zagging motion

The new Baby size is made for the discriminating caster who uses a light rod

Original "Game-Fisher" wt. ¾ oz., length 4¾ in.		New "Baby Game-Fisher" wt. ½ oz., length 3¾ in.
No. 5501	Rainbow.	No. 5401
No. 5502	White body, Red head and tail.	No. 5402
No. 5509D	Green Scale.	No. 5409D
No. 5509M	Pike Scale	No. 5409M
No. 5509P	Shiner Scale.	No. 5409P

Per Dozen, $15.00

HEDDON LUNY FROG—No. 3500 Series

This is the first imitation frog bait having all the elements which have made wooden baits popular. Is an excellent casting lure. Length of body 4¼ inches, weight ¾ oz. Regularly equipped with 4-0 single hook at tail and large extra strong double hook on belly. Specify if treble hook is preferred on belly. Made only in the following finishes:

No. 3509B Green Frog
No. 3509BB Brown or Meadow Frog

Per Dozen, $15.00.

THE "VAMP", No. 7500 SERIES (Pike Minnow) (7509M)

Flat nosed to resemble a Baby Pike, floats while at rest, and in action has a diving, wiggling and darting motion very like that of a live Pike. One of Heddon's best sellers and a sure "getter." New Baby Vamp made in answer to a demand for this lure in smaller size for light rods.

LARGE "VAMP" (Illustrated) wt. ⅝ oz., length 4½ in.		BABY "VAMP" wt. ½ oz., length 3½ in.
No. 7500S	White body, Red and Green Spots.	No. 7400S
No. 7501	Rainbow.	No. 7401
No. 7502	White body, Red eyes and tail.	No. 7402
No. 7509D	Green Scale.	No. 7409D
No. 7509M	Pike Scale.	No. 7409M
No. 7509P	Shiner Scale.	No. 7409P
No. 7509R	Mullet Scale.	No. 7409R

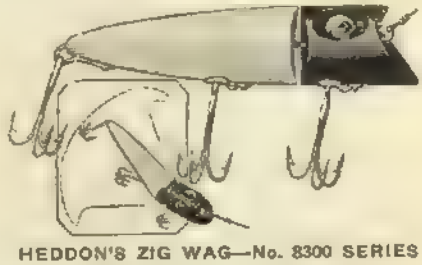
Per Dozen, $12.00.

HEDDON JOINTED VAMP—No. 7300 SERIES

To the already popular Vamp bait, the jointed feature has been added. Length 4¼ inches, weight ¾ ounce. Supplied in the following standard colorations:

No. 7301 Rainbow.	No. 7309M Pike Scale
No. 7302 White Body, red head	No. 7309P Shiner Scale
No. 7309D Green Scale	

Per Dozen, $15.00



HEDDON'S ZIG WAG—No. 8300 SERIES

"The Marvelous Action Bait"

Length of body 4¼ inches, weight ¾ ounce. Supplied in the following standard colorations:

No. 8302 White Body, red head	No. 8309M Pike Scale
No. 8309D Green Scale	No. 8309P Shiner Scale
No. 8309R-RH Natural Scale, red head	

Per Dozen, $15.00.

HEDDON'S BASS BUG

GENUINE WILDER-DILG LURES—A FLY ROD LURE (Made by Heddon)

	Per Dozen
Trout size, in six colors only, No. 30 Irvin Cobb red except yellow in hackle; (No. 31, Brann's Glory; No. 32, Wilder's Fancy, No. 33 Zane Grey, illustrated above) No. 34, Dilg's Own, white except red in hackle, No. 35, Bob Davis yellow except green in hackle. Length over all 2 inches. No. 6 size O'Shaughnessy hook. Individual boxes, packed 2 each color in dozen carton	$6 00
Heddon's Bass Bug. The cork and feather body combination closely imitates the action of a wounded minnow, causing bass to strike vic ously. Bass size numbers 1 to 12 length 3¼ inches. No. 1 O'Shaughnessy hook. Individual boxes, 1 each color in dozen carton	9 00
Wilder-Dilg Lure, Bass Size	9 00
Wilder-Dilg Lure; Trout Size.	6 00

SOUTH BEND BAITS

No. 340 Easel Display
SOUTH BEND TEAS-ORENO

This easel display when used on your counter or in your windows will produce additional business. Six Teas-Oreno lures are mounted on handsome six color card

Poster is also furnished to attach to window. Packed one display card in container. Weight, 1½ lb. per display.

Each

No. 340 Teas-Oreno Easel Display $7 50

No. 339 Easel Display
SOUTH BEND BABY TEAS-ORENO

A colorful display easel that instantly attracts attention to the merchandise. Placed in a window trim it will spot attention—bring the prospect into your store. When arranged on your counter, it is an open display, actually making sales. One each of the RH, Rain, F, SF, YP, and MS finishes of the Baby Teas-Oreno is mounted over lithographed replicas of the lure, so that when sales are made, a complete range of colors is shown until the last lure is sold. Packed one display card in a container. Weight, 1¼ lbs. per display.

Each

No. 339 Baby Teas-Oreno Easel Display $6 90

No. 390 Easel Display
SOUTH BEND SELECTED LURES

A selection of fast selling, best-known lures in the South Bend line is mounted on a six-color lithographed easel card that compels attention and creates sales. Every dealer should have this display on his tackle counter as it will act as a silent salesman, reminding the fisherman to buy now. Packed one display in a container. Weight, 1½ pounds per display. The following lures are included:

No. 940 RH—Teas-Oreno
No. 975 RH—Whirl-Oreno
No. 973 RH—Bass-Oreno
No. 972 RHA—Babe-Oreno
No. 965 RB—Crippled Minnow
No. 963 RAIN—Surf-Oreno
No. 962 F—Midget Surf-Oreno
No. 506 RW—Flash Oreno
No. 545 NR—Dart-Oreno

Each

No. 390 Easel Display..... $9 00

No. 364 Easel Display
SOUTH BEND
FLY ROD SURF-ORENO

An attractive six-color card featuring South Bend Fly Rod Surf-Orenos on which is mounted one each of six patterns. Suitable for window or counter display. An attention-compelling poster is also furnished for attaching to window. Packed one display in container. Weight, 1½ lbs. per display

Each

No. 364 Fly Rod Surf-Oreno Easel Display $4 50

No. 373 Easel Display
SOUTH BEND BASS-ORENO

The Bass-Oreno is without exception the most popular, best known and greatest fish-getter ever developed. Experienced anglers depend on it to produce results when other lures fail. A simple and ideal way to present this lure to your trade is to have an easel display on your counter and in your window. An assortment of the six most popular colors is mounted on a bright, six-color display card, which is attention compelling. Lures are mounted over lithographed illustrations of the Bass-Oreno in the different colors. The following colors are included: RH, F, RSF, RAIN, P, and RS. Packed one display card in a container. Weight, 1½ lbs. per display.

Each

No. 373 Bass Oreno Easel Display ... $6 00

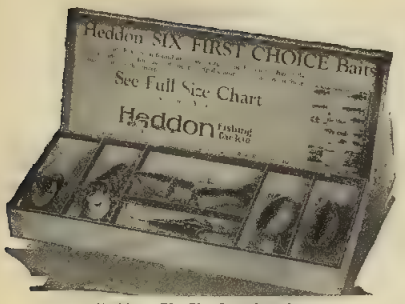
No. 394 Easel Display
SOUTH BEND TRIX-ORENO

The South Bend Trix-Oreno Easel Display attracts attention, intrigues the fisherman and acts as a silent salesman when displayed on your counter or in your window. The action of the lure is illustrated and the sales story, which will be read by fly-rod fishermen, is convincing. The lures are mounted on individual cards, inserted in cellophane envelopes that are attached to the easel display. Packed one display card in a container. Weight, 1½ lbs. per display.

Each

No. 394C, 6 Bass and 6 Trout size, 1 color each.. . . .. $9 00

BASS PLUGS AND MINNOWS J



Heddon—Big Six Assortments

This counter display box of Heddon first choice baits is your "silent salesman."

This assortment contains one each of Heddon's most popular numbers for best all 'round results.

The selections are made as the composite results of tests and carefully checked reports of many thousand anglers.

NO	Wt. Ea.	Per Asst.
HB6	½ lb.	$6 25

Heddon—Little Six Assortments

Contains one each of the following popular baits—Nos. 190BWF, 190WF Ace, 5409P, 5402, 7409M, 7409R.

NO.	ASST.
LH6	$6.50

GRASSHOPPERS

Rubber
Dressed on Hollow Point Hook

NO.	Size	DOZEN
760	1	$4.80

One on a card; one-half dozen in a box.

DEVIL MICE

Tuttle

For bass, the Devil Mouse, gray color, may be used. Often when no other lure will bring them up they strike viciously at the mouse. The Mouse Devil floats and always stays right side up on the water. The Devil Bug Mouse is made up on model perfect turn down eyed hooks, Nos. 2/0 ring hooks.

NO.	DOZEN
201	$9.00

One on a card; one dozen in a carton.

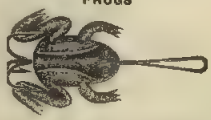
MINNOW

Biz

A good trout or bass bait. Has propeller blade spinner, nickeled body of soft rubber nicely decorated, luminous enameled.

NO.	Size	Length	DOZEN
3400	4	1½ in.	$6.00

FROGS



Froggie, hollow point, treble hook, gimp leader.

NO.	Size	DOZEN
503	1-0	$4.80

SOUTH BEND TEAS-ORENO

Six popular colors on attractive display card. They sell themselves.

NO	ASST 6
339	$7.20

J TROUT AND BASS BAITS

BASS-ORENO DISPLAY

Consists of an attractive window card with six popular color No. 973 baits.

NO.	ASST 6
373	$6.00

SOUTH BEND BABE-ORENO

Same as above, except size 2¾-inch.

972Y	Yellow body; red and green spots	$10.20
972SF	Scale finish	10.20
792Rain	Rainbow	10 20
972RSF	Rainbow Scale finish	10 20
972F	Frog Back	10.20
972RH	White Body, red head	10.20

One in a box; one doz. in a carton.

SOUTH BEND FISH-ORENO

The Bait with Insurance Policy

Body length 3¼ inches, with two treble hooks. The ideal bait for deep-water fishing, during hot weather, when the "big ones" are lying down deep. The nickel head plate quickly sinks this bait to any depth at approximately two feet per second. On the retrieve, this bait stays and travels at the depth to which it sank, with that erratic, zig zag, wobbling motion that is so sure to entice the fish.

NO	Color	DOZEN
953SF	Scale finish	$15.00
953RH	White body, red head	15.00
953Y	Yel. body, blk. & red spots	15.00
953P		15.00
953F	Frog Back	15.00

Each in a box; one dozen in a carton.

BASS-ORENO BAITS

South Bend

An under water and surface type bait. It floats when not in motion. On reeling, it dives zig-zags and darts in a very alluring, minnow-like course. The faster it is reeled the deeper it travels. Body 3¼ inches long. Wt. approx ⅝ oz.. Enamel finishes. Guaranteed not to crack.

NO.	Color	DOZEN
973XP	Gray Scale Finish	$12.00
973Rain	Rainbow	12.00
973RSF	Rainbow Scale	12.00
973SF	Scale Finish	12.00
973RH	White Body, Red Head	12.00
973Y	Yellow Body, Red and Green Spots.	12.00
973PL	Pearl	12.00

GRASSHOPPERS

Palmer

A cork body grasshopper of very natural appearance. Dead grass and green color dressed on hollow point hooks.

NO.	Size	DOZEN
2	Medium	$6 00
3	Small	6.00

Six on a card.

Merino

Dressed on 6-inch gut leader; cotton body, orange wings.

NO.	DOZEN
010	$4.20

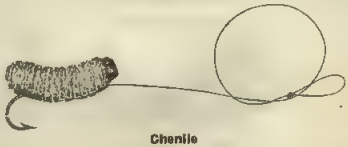
One dozen on a card.

JAMISON GRASSHOPPER HOOKS

A hook designed for live grasshopper fishing. Practically impossible to strip hopper from hook without getting caught.

NO.	DOZEN
4	$3.00

GRUB WORMS



Chenile

To 4½-in. single gut leader, No. 8 hook.

NO.	DOZEN
447	$3.00

One dozen on a card.

J

FISHING REELS

Anti-Back-Lash

Made of nickel silver with agate bearings. Used extensively by expert and experienced casters. The reel thumbs itself—is free running and not retarded by any continuous brake action. The brake automatically applies at end of cast when bait lights. By a slight turn of adjustment screw can be used either as anti-back-lash or regular type reel. Guaranteed without time limitation against defective material or workmanship.

Fitted with Double Handle

NO.	Capacity	Lgth. Fillar	Disc	EACH
1131	100 yd.	1⅝ in.	1⅝ in.	$10.00

Packed one in a box.

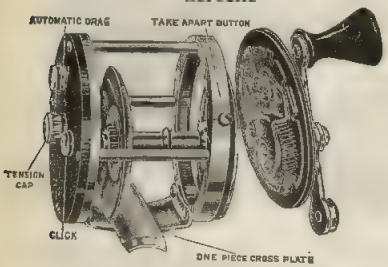
Oreno—Anti-Back-Lash

Same general construction as No. 1131A, made of brass nickel plated plain bearings. Plain dull finish.

NO.	EACH
900	$6.50

Packed in plain box.

NEPTUNE



Meisselbach—Quadruple Multiplying

Hard rubber and nickel silver of best quality. Steel pointed pivot axles; adjustable bronze bearings.

To take apart release button, turn rubber side plate to the left.

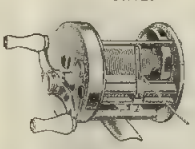
To operate throw-off mechanism, hold reel in left hand. To disengage handle from spool, depress button which is located on front plate. To engage the crank handle with the spool, take hold of crank handle at its center on the side, and slide the handle towards the center of the reel.

Adjustable automatic drag.

NO.	Capacity	Weight Each	EACH
40	200 yds. No. 9	11 oz.	$22.00

Packed one in a box.

INDIAN CHIEF

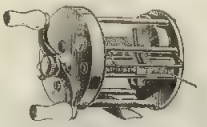


Heddon—Level Winding

Entire frame of Duraluminum. Reversing screw is of phosphor bronze to prevent rust. Line carriage is of special alloy, to insure good service. Bushings are of nickel silver alloy. Double crank handle. Line capacity is 100 yards of 15 lb test hard braid waterproof line. Spool has square shoulders, flanges of duraluminum with tempered steel shaft, running on nickel silver bearings. Length 1⅞ in., diameter 1⅛ in., weight of reel 7⅜ oz.

NO.	EACH
3-Heddon	$8.50

Packed one in individual box.



Level Wind—Anti-back Lash

This reel is the same as the No. 3 described above, except that it has the standard positive and reliable anti-back lash device. This anti-back lash device can be quickly adjusted to the bait of the user, so that the spool will cease revolving the moment the bait strikes the water.

NO.	EACH
3AB	$10.50

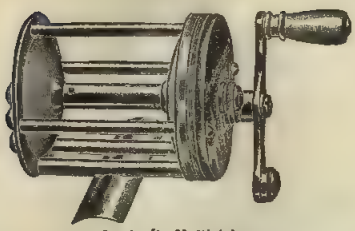
Waltonian—Casting

A complete, new, different design and operating principle. Spool of Duraluminum; frame of nickel silver; gears and bearings of hardened steel. Thin spool avoids snarls. Capacity 100 yards; weight 7 oz.

NO.	EACH
W-Waltonian	$15.00

FISHING REELS J

PFLUEGER—REGAL



Quadruple Multiplying

Satin nickel plated, wide pattern spool, length of pillar 1⅞-in., fancy turned white bone handle, discs finely milled, steel pivots and pinion, adjustable front sliding drag and back sliding click, bushings with oil cups on back and front plate, Kentucky pattern cross plate.

NO.	Capacity	Pillar	Disc	EACH
1660	60 yd.	1⅞ in.	2	$3.00

Jeweled bearings, satin finish.

NO.	Capacity	Pillar	Disc	EACH
1660J	60 yd.	1⅞ in.	2	$4.00

Packed one in a box.

TRI-PART AND TAK-A-PART

Meisselbach—Quadruple Multiplying

The reel frame and reel seat are drawn from one piece of metal, without solder, joint or rivet, finely finished and nickeled, spool made of nickel silver, bearings are steel and bronze, ground to perfect fit, highly polished, very smooth running and noiseless, adjusting cap with friction device preventing back lashing. This reel can be taken apart instantly without the aid of tools by unscrewing the ring head of plate.

Tri-Part

No.	Capacity	Weight	Lgth. Pillar	Disc	EACH
580	80 yd.	6¼ oz.	1⅝ in.	1⅞ in.	$6.00

Tak-a-Part

No.	Capacity	Weight	Lgth. Pillar	Disc	EACH
480	100 yd.	7¼ oz.	1⅝ in.	1⅞ in.	$7.00

Same style and design as No. 580, but has free spool, making an exceptionally good casting reel.

Tri-Part — Free Spool

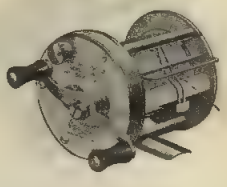
No.	Capacity	Weight	Lgth. Pillar	Disc	EACH
581	80 yd.	6¼ oz.	1⅝ in.	1⅞ in.	$8.00

Tak-a-Part — Free Spool

No.	Capacity	Weight	Lgth. Pillar	Disc	EACH
481	100 yd.	7¼ oz.	1⅝ in.	1⅞ in.	$9.00

PACKED ONE IN A BOX

SOUTH BEND



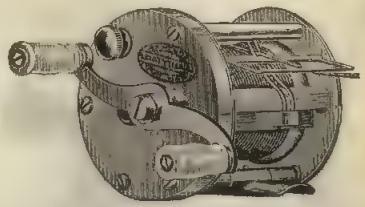
Level Wind

A level-winding quadruple multiplying reel with double ivoroid grips and improved standard rod clip. Spool diameter 1⅛ in., width 1⅛ in. Highly polished nickel finish. Weight 8 oz. Packed in imitation chamois bag with screw driver and extra pawl.

NO.	Cap. Yd.	EACH
550	100	$5.50

One in a box.

SOUTH BEND



The frame and all parts are made of nickel silver, satin finish. Agate jeweled spool caps of the screw-off pattern, with adjustable spring tension grip. Gearing is quadruple multiplying. Equipped with click. The crank or handle has double grips, white Ivoroid.

Directions attached to each reel; a practice casting weight is also supplied. Complete with chamois bag.

NO.	Capacity	EACH
1200	100 yd.	$20.00

Packed one in a box.

Oreno

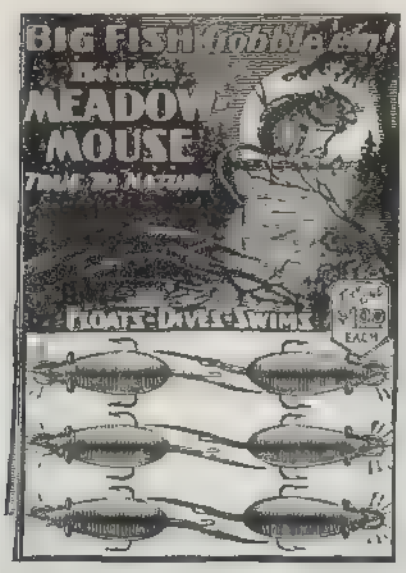
Same general construction as No. 1200; but made of brass nickel plated and with plain bearings. Plain dull finish.

NO.	EACH
1000	$8 50

Packed in plain box.

ARTIFICIAL BAIT

HEDDON'S MEADOW MOUSE ASSORTMENT



Select red cedar body, water-proof enamel finish. Equipped with one wide spreading double hook on body and single hook concealed in tail. A true to nature bait with bead eyes, flexible ears and tail. Floats and swims with lively teasing motion. Length over all 2¾ inches. Card contains 6 meadow mice, two of each as follow:

2—No. 4000BM, brown.
2—No. 4000GM, grey mouse.
2—No. 4000WM, white and red.

Per Card
No. 1M—Wt per card ¾ lb.....$13 20
One card in cardboard box.

HEDDON'S

Pyralin, equipped with single hook at tail and double hook on belly, each placed in best position to strike fish. Floats, dives, swims, looks and acts like a live frog. When retrieved it dives and has an excellent swimming movement, at rest in water it stands in exactly the same position as a live frog. Length 3¾ inches.

Per Doz
No. 3409BB—Meadow frog, Little Luny.....$33 00
No. 3409B—Green frog.....33 00
One in cardboard box; wt per doz 8 ozs.

SPOONY FROG ASSORTMENTS

Assortment consists of 6 spoony frogs mounted on attractive easel back counter display card as follow:

2—No. 3209B
2—No. 3202
2—No. 3200, 1 gold and 1 nickel plated body.

Per Ass't
No. SF6—Ass't complete as described...$13 20
One ass't in cardboard box; wt per ass't ½ lb.

ARTIFICIAL BAIT

HEDDON'S LIGHT SIX

Consists of six baits, one each of the following:

No. 190 W.F. and No. 190 B.W.F. Weedless Heddon-Stanley Ace Pork Rind Lure, No. 5409M and No. 5401 Baby Game Fisher Minnow, No. 7409P and No. 7402. Baby Vamp Minnow.

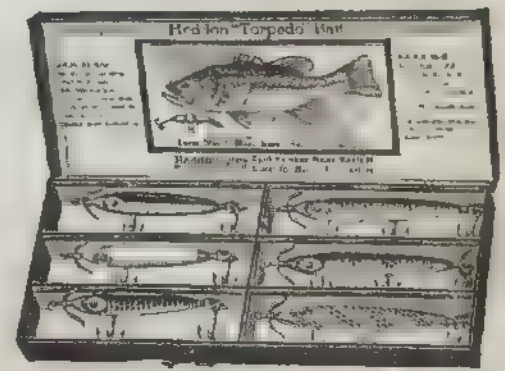
Per Ass't
No. L6—Wt per ass't 12 ozs...$14 40
One ass't in attractive cardboard display box.

HEDDON'S BULL FROG DISPLAY

Assortment consists of six baits, each with different action. Luny Frog, Little Luny, Spoony Frog, Vamp Frog, Zig Wag Frog and Weedless Wizard Frog in new frog finish. Mounted on display card.

Per Ass't
No. 6F—Wt per ass't 12 ozs $14 85
Six on display card; one card in cardboard box.

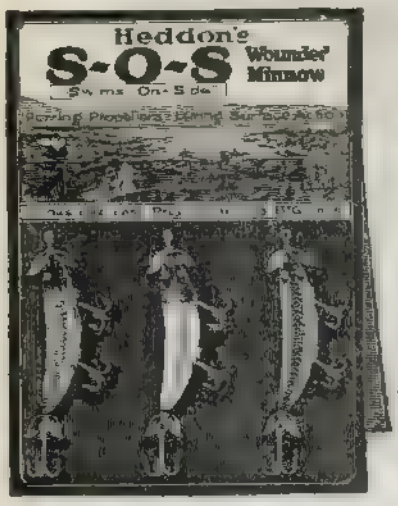
HEDDON'S TORPEDO SIX



Consists of six sinking spinner baits, one each of the following: No. 121 rainbow, No. 129P shiner scale and No. 129L perch scale with two treble hooks, length 3 inches and No. 132 white and red, No. 139D green scale and No. 139M pike scale with three treble hooks, length 4½ inches.

Per Ass't
No. T6—Wt per ass't 12 ozs.....$13 20
One ass't in attractive cardboard display box.

ARTIFICIAL BAIT



HEDDON'S S. O. S. WOUNDED MINNOW

A wounded minnow of special design and exceptional appeal. The curved body throws the two spinners partly out of the water, creating a purring sound and a very luring movement. Two sizes, large and small. Three minnows mounted on easel back display card.

Large Size; three treble hooks, 4½ inches long. Per Ass't

No. 170S0S—Consists of 3 minnows, No. 172 white and red, No. 179D green scale and No. 179SS silver scale; wt per ass't 3 ozs. $6 60

Three on display card; one card in cardboard box.

Per Doz

No. 172—White and red
No. 179D—Green scale
No. 179S$—Silver scale
No. 179M—Pike scale $26 40

One in cardboard box; wt per doz 12 ozs.

Small Size; two treble hooks, 3½ inches long. Per Ass't

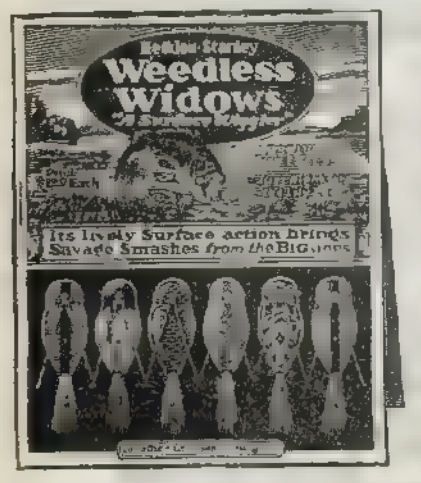
No. 160S0S—Consists of 3 minnows, No. 162 red and white, No. 169D green scale and No. 169SS silver scale; wt per ass't 2 ozs. $6 75

Three on display card; one card in cardboard box.

Per Doz

No. 162—White and red
No. 169D—Green scale
No. 169S$—Silver scale
No. 169M—Pike scale $26 40

One in cardboard box; wt per doz 8 ozs.



HEDDON'S WEEDLESS WIDOWS

A surface lure with lots of action. Ideal for lily pads as it is absolutely weedless. One single hook with bucktail; equipped with the Standley weed-guard and wire leader; wooden body 2½ inches long.

Per Ass't

No. 6W—Consists of 6 baits; No. 222 white, red head, No. 229B Frog (New Luny Frog color) No. 229D green scale, No. 229P shiner scale, No. 229SS silver scale and No. 229M pike scale $13 20

Six on display card; one card in cardboard box; wt ass't 6 ozs.

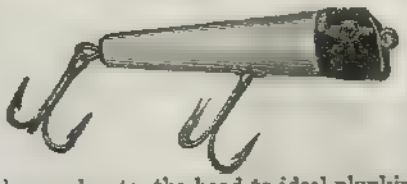
Per Doz

No. 222—White, red head
No. 229B—Frog (New luny frog color)
No. 229D—Green scale
No. 229P—Shiner scale
No. 229S$—Silver scale
No. 229M—Pike scale $26 40

One in cardboard box; wt per doz 12 ozs.

ARTIFICIAL BAIT

SOUTH BEND PLUNK ORENO



Select red cedar body, water-proof enamel finish. Equipped with two extra strong nickel plated treble hooks, the tail hook being slightly larger elevates the head to ideal plunking position. When cast it will float then by slight jerks with rod tip or by succession of sharp quick turns of reel handle, pausing between each turn. With a diving motion just under the surface, it riffles the water and sings out ker-plunk. Length over all 3¾ inches.

Per Doz

No. 929RH—Red head and white body $22 50
No. 929S F—Rainbow color 22 50
No. 929YP—Yellow perch scale fish 22 50

One in box, one doz in cardboard display box; wt per doz 1½ lbs.

WOODEN MINNOWS

SOUTH BEND TYPE 999

Select red cedar body, water-proof enamel finish. Equipped with two nickel plated extra strong treble hooks. The tail hook is slightly larger, elevating the head to correct position. Slender in shape, carefully balanced so that series of twitches gives it irregular action, diving, darting, lazily floating, then nosing slightly out of water, giving the appearance of a minnow that has unsuccessfully met an attack of so voracious game fish. Length over all 4 inches.

Per Doz

No. 999RH—Red head and white body $22 50
No. 999G CB—Green cracked back with light belly 22 50
No. 999Y P—Yellow perch, scale fish 22 50

One in box, one doz in cardboard display box; wt per doz 1½ lbs.

SOUTH BEND, CRIPPLED MINNOW

Select red, cedar body, water-proof enamel finish. Equipped with two nickel plated treble hooks and loose spinners that makes a buzzing noise when lure is retrieved. It will drive any drowsy or up and at'em he game fish to action, the way it acts brings on that mad rush then the strike. It appears to be injured or crippled with most of its strength spent, or lying on its side with just a little life like motion, making the big fish mad. Length over all 3¼ inches.

Per Doz

No. 965RB—Rainbow color with blue back $22 50
No. 965S F—Scale fish green 22 50
No. 965S$—Silver speckled white body, brown blending around eyes and down the back 22 50

One in box, half doz in cardboard display box; wt per doz 1½ lbs.

GOLF CLUBS

HILLERICH & BRADSBY CO.

SUNNINGDALE

A line of clubs especially designed for beginners and golfers who prefer a low price club. The heads are all standard and shafts are of smooth finished ash with leather grips. Standard lengths.

Large and well proportioned head with glossy finish. Plain face, metal sole.

Each

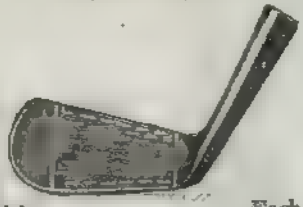
No. 76D—Driver with ash shaft ... $2 70

No. 75B—Brassie with ash shaft ... 2 70

Carefully wrapped.

IRONS, SUNNINGDALE

Mid Iron.



Each

No. 75MI—Straight back, medium weight. Gives a long ball with moderate roll; with ash shaft ... $2 70

Mashie. Each

No. 75M—Has slightly deeper blade and greater loft than a mid iron. For the pitch that carries the ball to the green and stops; with ash shaft ... $2 70

Putter.

No. 75P—Straight neck and blade. Standard model for putting on greens; with ash shafts ... 2 70

Carefully wrapped.

JUVENILE GOLF SETS

HILLERICH & BRADSBY CO.

Especially designed for young boys and girls. Provides the means of early training. These sets contain clubs made from selected materials and patterned from the standard line of golf clubs.

Set contains 1 driver, 1 midiron, 1 putter and plaid cloth bag with leather trimmings and shoulder strap.

Per Set

No. 3-6—Size to fit children from 3 to 6 yrs of age; wt per set 1¾ lbs. ... $10 35

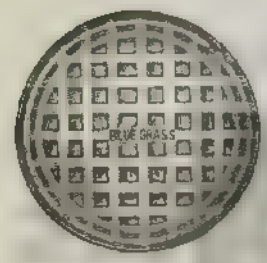
No. 6-11—Size to fit children from 6 to 11 yrs of age; wt per set 2½ lbs ... 16 20

No. 12-17—Size to fit children from 12 to 17 yrs of age; wt per set 3¼ lbs ... 19 80

One set in pkg.

GOLF BALLS

—BLUE GRASS—SINKER



High tension click; wound with the finest quality of para thread. The cover is highly durable and will stand extreme punishment. Each ball is tested by compression so that one ball is uniform with another. This is a condition much desired by all players. Meets all conditions of the game, namely: click, distance, approaching and putting with durability added.

Mesh marked. Standard size 1.62 inches; standard weight 1.62 ounces.

Per Doz

No. BG1M—Wt per doz 15⅞ lbs ... $19 80

Each ball wrapped in paper, one doz in cardboard counter display box.

—SPEEDMORE—

Well balanced, durably constructed with a good finish. Each ball uniform with another. Will stand severe punishment. Meets all requirements of the game.

Recessed dimple marked. Standard size 1.62 inches, standard weight 1.62 ounces.

Per Doz

No. S2D—Dimpled sinker ... $12 60

No. S3D—Dimpled floater ... 13 80

Each ball wrapped in paper, one doz in cardboard counter display box; wt per doz 1½ lbs.

A. J. REACH EAGLE, SINKER

Per Doz

No. 2—Mesh marking; size 1.63 ins; wt each 1.62 ozs, high powered, long distance ... $19 80

One doz in cardboard box

REACH PARAMOUNT, SINKER

Per Doz

No. A—Mesh marking; size 1.665 ins; wt each 1.62 ozs; long distance; easy flight; high powered ... $13 20

One doz in cardboard box.

A. J. REACH NATIONAL, FLOATER

Per Doz

No. F—Mesh marking; size 1.71 ins; wt each 1.47 ozs; light wt and long driving qualities ... $13 80

One doz in cardboard box

HILLERICH & BRADSBY CO. ZING, SINKER

A popular priced ball in the durable mesh marking; especially recommended for light hitters.

Per Doz

No. 2Z—Large size ... $14 10

One doz in cardboard box.

GRAND-SLAM, SINKER

Per Doz

No. 2GS—Dimpled marking, size 1.62 ins; wt 1.62 ozs; made of high grade para rubber, with specially built core; paint will not chip or crack and will hold its color ... $21 45

One doz in cardboard box.

GOLF CLUBS

HILLERICH & BRADSBY CO., LO-SKORE LADIES CLUBS

Especially intended for Ladies. Made of same materials and with same care as regular Lo-Skore clubs. Light weights and short lengths being provided. **Calfskin grips; standard weights; short shafts for ladies.**

	Each
No. 80D—Driver. Plain face, mahogany finish with natural band at point of impact, with hickory shaft	$ 7 95
No. 080D—Driver, with steel shaft	10 95
No. 80B—Brassie. Same as driver except more loft; with hickory shaft	7 95
No. 080B—Brassie, with steel shaft	10 95
No. 80MI—Mid Iron, hickory shaft, standard model	7 05
No. 80M—Mashie, hickory shaft, standard mode.	7 05
No. 80MN—Mashie Niblick, hickory shaft, rounded head and sole, straight back with slightly gooseneck hosel	7 05
No. 80P—Putter, hickory shaft, straight back with flange sole and quarter goosneck hosel	7 05

Carefully wrapped.

HILLERICH & BRADSBY, INVINCIBLE

For beginners and those who wish service at a moderate price. Clubs in this line have standard large size heads and second growth hickory shafts. Grips are of smooth leather. Standard lengths.

Invincible.

Large and well proportioned head with glossy black finish. Plain face.

Driver, hickory shaft.

Each

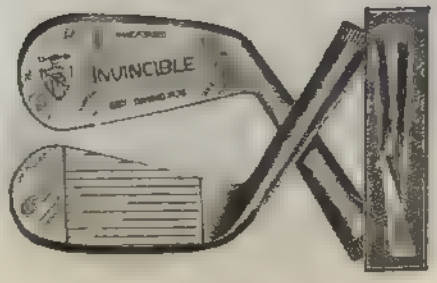
No. 510.....$3 75

Brassie, hickory shaft.

Each

No. 518.....$3 75

Carefully wrapped.



Driving Iron, Invincible.

Straight back and long face. Designed for fairway shots. Useful against the wind. Hickory shaft.

Each

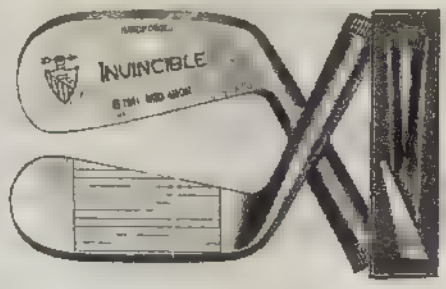
No. 51DI....$3 75

Carefully wrapped.

GOLF CLUBS

HILLERICH & BRADSBY CO., INVINCIBLE

MID-IRON, INVINCIBLE



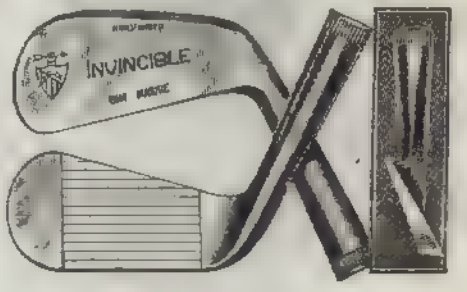
Straight back medium weight. Gives a long ball with moderate roll. Hickory shaft.

Each

No. 61MI...$3 75

Carefully wrapped.

MASHIE, INVINCIBLE



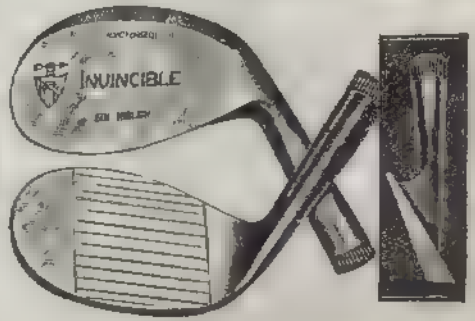
Has slightly deeper blade and greater loft than a Mid Iron. For the pitch that carries the green and stops. Hickory shaft.

Each

No. 61M $3 75

Carefully wrapped.

NIBLICK, INVINCIBLE



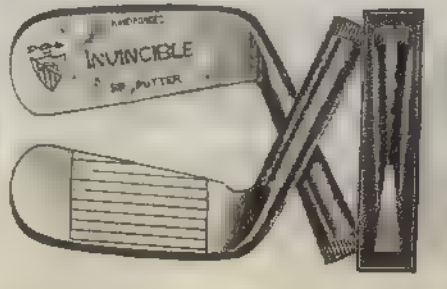
Deep face with great loft. Designed for bunker use. Hickory shaft.

Each

No. 51N..$3 75

Carefully wrapped.

PUTTER INVINCIBLE



Straight neck and blade. Standard model for putting on the greens. Hickory shaft.

Each

No. 51P....$3 75

Carefully wrapped.

HOCKEY STICKS

Professional. This stick is made from the finest obtainable, straight grained, second growth Rock Elm, thoroughly seasoned. It has a long, stiff, substantial handle and a full sized blade, shaped so that the stick lies flat on the ice. Pinned with long headless steel pins. Wt. doz., 18 lbs. .....Each $2 50

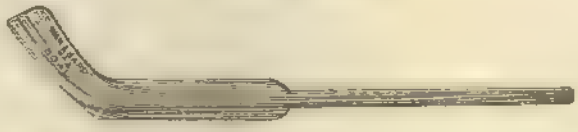
Boy's. This is a standard boy's stick, made of Rock Elm, nicely finished and will stand plenty of hard play. Selected sticks, with handles from 38 to 41 inches long. Wt. doz., 12 lbs. .....Each $0 60

Youth's. A good sturdy stick; handles 38 to 41 inches. Wt. doz. 10 lbs. .....Each $0 50

Juvenile. A small boy's stick; handles 34 to 38 inches. Wt. doz. 8 lbs. .....Each $0 35

Intermediate. Regulation size, standard model and a great favorite with high school players; made out of best Rock Elm. Wt. doz., 16 lbs. .....Each $1 35

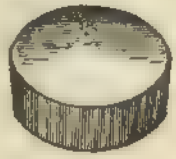
GOAL STICKS



Special. 3-piece standard model; hand made, from the best selected, straight grained, thoroughly seasoned second growth Rock Elm; built to extreme height on the blade in accordance with the rules of hockey; properly balanced and with long handles. The built-on piece is fitted and glued perfectly, and is pinned with extra long steel pins. Wt. doz., 24 lbs. .....Each $3 00

Practice. In assorted models and sizes, and are obtained by grading the higher qualities. These sticks will stand considerable rough usage and can be used for general practice. Wt. doz. 14 lbs. .....Each $1 10

HOCKEY PUCKS



No. HP50. Best rubber; official size and weight; fresh and lively. Wt. doz., 4½ lbs. .....Each $0 50

ICE SKATE AND SHOE COMBINATIONS
WRIGHT & DITSON

Men's.

No. CMH. Men's. Shoe made from fine quality black cowhide, lined with heavy black twill; felt lined tongue; arch suporting counter; lining reinforced; strongly riveted to Red Flyer Tubular Hockey Skates. Attractively finished in nickel with red trimming. Sizes 7 to 10½. Wt.pr.4 lbs..Pair **$12 00**

No. BHC. For men and boys. Made of fine quality black cowhide. Tan leather top and lace edging. Large brass eyelets. Felt lined tongue and felt insole. Hard box toe for special protection. Web reinforcing over ankles. Laced low. Strongly riveted to fine quality aluminum finished Tubular Hockey Skates Sizes 7 to 10½. Wt. pr. 4 lbs. ....Pair **$8 00**

Women's.

No. CLH. Women's. Hockey Style. Same as No. CMH but with medium high cut shoe for women. Sizes 5 to 7. Wt. pr. 3½ ozs. .....Pair **$12 00**

No. LHCC. Women's. Selected black light weight cowhide, reinforced with web straps to add support. Felt padded tongue and felt insole. Arch supporting counter. Attached to fine chromium plated Tubular Hockey Skates Sizes 5 to 7. Wt. pr. 3½ lbs. .... Pair

ICE SKATES

SCREW CLAMP

Men's and Boys'

No. 1624. Top plates and clamps made from best quality cold rolled homogeneous steel; runners cast steel polished. Sizes 8½ to 12. Wt. pair, 2¼ lbs. .....Pair **$1 50**

No. 1624½. Same as above except all parts nickel plated.....Pair **$2 00**

SCREW CLAMP, HOCKEY

No. 521½ Top plates and clamps made from best quality cold rolled homogeneous steel; runners of cast steel, polished; all parts nickel plated. Sizes 9 to 12. Weight pair, 2⅝ lbs. .....Pair **$2 10**

No. 424½. Runners contain high percentage of carbon, are hardened and polished; all parts nickel plated; polished edges. Sizes 9 to 12. Wt. pair, 2⅝ lbs. .....Pair **$2 60**

SCREW CLAMP. LADIES'

No. 5624. Top plates and clamps made from best quality cold rolled homogeneous steel; russet leather back and strap; runners made of cast steel, polished. Sizes 8 to 11. Wt. pair, 2¼ lbs. .....Pair **$2 00**

No. 5624½. Same as above except all metal parts nickel plated. Wt. pair, 2¼ lbs.....Pair **$2 40**

SKATE STRAPS

For Ice or Roller Skates.

Heavy. ⅝x24 in.; heavy harness leather with japanned buckle. Colors: Black or russet. Wt. doz. pairs, 2 lbs. .....Pair **$0 50**

Light. ⅝x24 in.; split harness leather with japanned buckle. Color: Black only. Wt. doz. prs., 1 lb....Pair **$0 25**

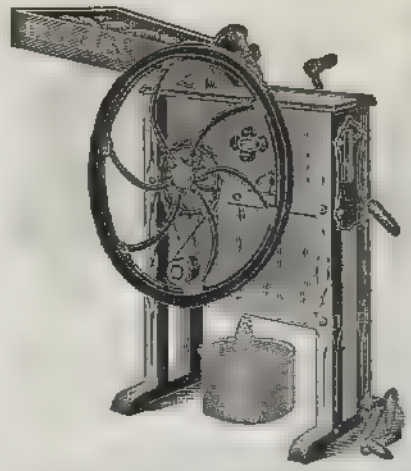
COMPARATIVE ICE SKATE AND SHOE SIZES

Shoe Sizes	Skates to be attached with screws or rivets	All Clamp Skates.
1, 1½, 2	8½	9
2½, 3, 3½	9	9½
4, 4½, 5	9½	10
5½, 6, 6½	10	10½
7, 7½, 8	10½	11
8½, 9, 9½	11	11½
10, 10½, 11	11½	12
11½, 12	12	12

CORN SHELLERS

—BLUE GRASS—

One Hole.



Frame selected hardwood, painted red and varnished; all castings best grey iron, coated with black weatherproof paint.

Right hand sheller with end delivery.

Plain sheller has screen bottom to screen the chaff. Capacity 20 to 25 bushels per hour. Fly-wheel, 25 inches diameter, with heavy one inch rim and wrought iron spokes; crank 12 inches long with 5 inch hardwood handle.

Extreme dimensions 39½ inches high, 9 inches wide, 25 inches long; length of table 29 inches; depth 4¾ inches; width 15½x5½ inches. The handle or crank shaft should make 75 revolutions per minute, while the balance wheel shaft should make 290 revolutions per minute.

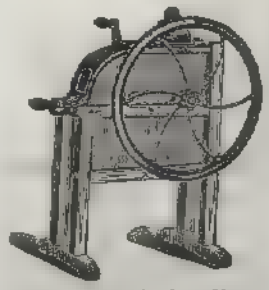
Pulley best foundry iron, diameter 8 inches; with 4 inch face. If used with power, use ½ to 1 H. P. gasoline engine or electric motor.

	Each
No. BG3—Without fan, feed table or pulley; wt each 123 lbs	$37 50
No. BG30—With fan attachment, without feed table or pulley; wt each 134 lbs	45 00
No. BG31—Wood feed table extra; wt each 8 lbs	3 30
No. BG33—Pulley extra (size 8x4 ins); wt each 10 lbs	4 80

Shipped loose.

HOCKING VALLEY

One Hole.



Hardwood frame, painted red with green stripes and varnished; best grade foundry iron castings. Right hand sheller with end delivery; plain sheller has screen bottom to screen the chaff; capacity of 20 to 25 bushels per hour.

Length of table 27 inches, depth 2½ inches; extreme width 14 inches; pulley good grade of iron, diameter 8 inches with 3 inch face, fly-wheel, 27 inches diameter with one inch rim, crank 12 inches long with hardwood handle; extreme dimensions 36 inches high, 8½ inches wide, 27 inches long.

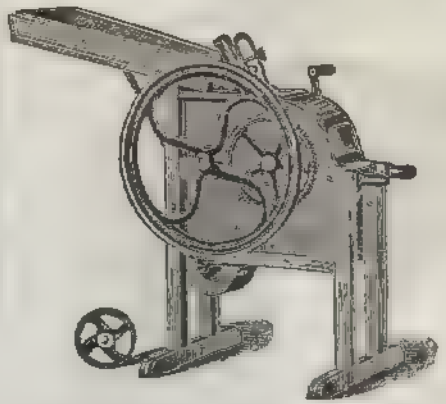
When used with pulley and run by power, should make about 90 revolutions of the crank shaft, or about 270 revolutions of the fly-wheel a minute. If used with power, use ½ to 1 H. P. gasoline engine or electric motor.

	Each
No. 1—Without fan, feed table or pulley; wt each 127 lbs	$42 75
No. 10—With fan attachment; wt each 134 lbs	47 25
No. 11—Feed Table, extra; wt each 8 lbs	3 30
No. 12—Pulley extra (size 11x3 ins); wt each 10 lbs	3 30

Shipped loose.

CORN SHELLERS

HOCKING VALLEY



Castings best grade of foundry iron; hardwood frame, painted red with green stripes and varnished.

Intended to be used either by hand or power. Hand feed sheller, with a capacity about 35 to 40 bushels per hour.

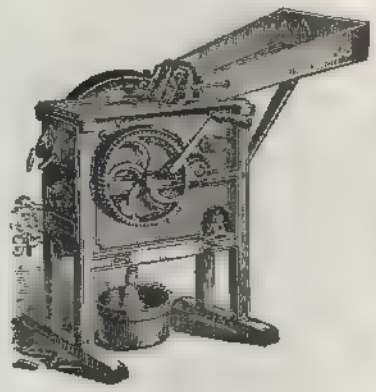
Length of table 32 inches; depth 3 inches, extreme width 16 inches; pulley 8 inch diameter with 3 inch face; fly-wheel 24½ inches diameter with 1¼ inch rim, crank 12 inches long with hardwood handle. Extreme dimensions 41 inches high, 11 inches wide, 32 inches long. Speed about 100 revolutions of the crank shaft or 300 revolutions of the balance shaft per minute. If used with power, use ½ to 1 H. P. gasoline engine or electric motor.

	Each
No. 2—Complete with crank, fan, feed table and pulley; wt each 270 lbs	$102 75

Shipped loose.

—BLUE GRASS—

Two Hole



Hardwood frame painted red. All castings of best grey iron. Shafts are of steel, running in metal boxes. The cobs are discharged at end of sheller, thoroughly shelled, without scattering corn.

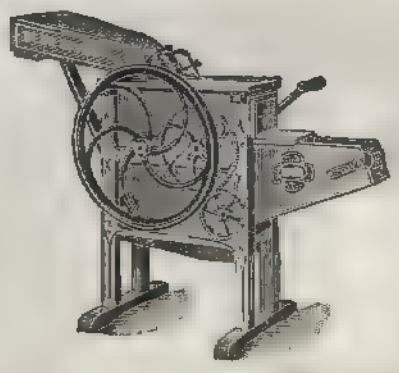
Height of frame 40 inches; width 11 inches; length 30 inches.

	Each
No. BG200—Complete with fan, feed table, crank and pully	✦$81 00

Shipped loose; wt each 180 lbs.

—BLUE GRASS—

Two Hole



Hardwood frame, painted red, all castings of best grey iron. Shafts are of steel, running in metal boxes. Heavy balance wheel 27 inches in diameter. Has an endless chain cob carrier and makes a perfect separation cleaning the corn thoroughly. Driving pulley on crank shaft 8 inches in diameter with 4 inch face. Height of frame 40 inches; width 11 inches; length 30 inches.

	Each
No. BG300—Complete with feed table fan, cob carriers, crank and pulley	✦$100 50

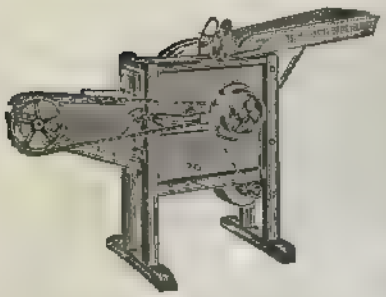
Shipped loose; wt each 240 lbs.

✦F. O. B. Kentucky Factory Only.

CORN SHELLERS

HOCKING VALLEY

Two Hole, With Cob Carrier.



Best grade of foundry iron castings; hardwood frame, painted red, green stripes and varnished. Capacity 35 to 40 bushels per hour. Length of table 27 inches, depth 3 inches, extreme width 16 inches; pulley 8 inches by 3 inch face, fly wheel 24 inches diameter with 1¼ inch rim, crank 12 inches long with hardwood handle. Extreme dimensions 41 inches high, 11 inches wide, 32 inches long. Speed about 100 revolutions of the crank shaft or 300 revolutions of the balance shaft per minute. If used with power, use 2 H. P. gasoline engine or electric motor.

Each

No. 20—Complete with crank, fan, feed table and pulley $118 50

Shipped loose; wt each 305 lbs.

PEA HULLERS

ROYAL

Made of iron and steel with the exception of the base and hopper, 11 inch cylinder, equipped with patent automatic revolving screen. Hulls the peas clean, ready for sacking. Painted and varnished.

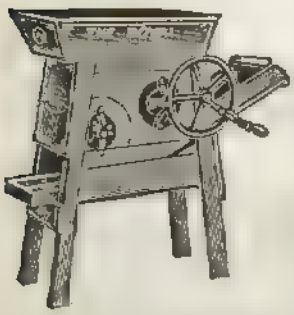
To be used only for hulling common varieties of cow peas. Cannot be used for hulling navy and field beans.

Floor space 17x40 inches; height over all 50 inches. Each

No. B—Capacity 4 to 7 bushels dry peas per hour; weight each 150 pounds ..... +$75 60

Base and hopper wired in a bundle, action in a crate.

ROYAL



A small wooden machine of large capacity, considering its size. Has wooden cylinder and steel teeth, all bearings of iron and all material of the best. Provided with hand screen operating on cleats in box. Painted and varnished.

To be used only for hulling common varieties of cow peas. Cannot be used for hulling navy and field beans. Floor space 16x30 inches; height over all 41 inches. Each

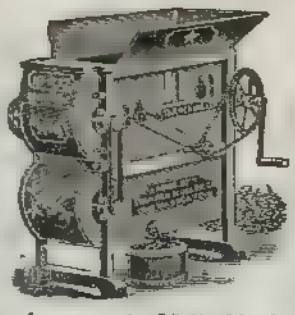
No. Gem—Capacity 2 to 3 bushels dry peas per hour; weight each 100 pounds ..... +$39 75

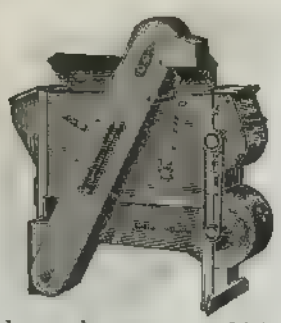
Shipped loose.

+F. O. B. Tennessee Factory Only.

PEA HULLERS

STAR





Improved, Malleable iron cylinder and concaves which cannot break or decay. Patent automatic conveyor carries out the hulls while the fan cleans the peas. The 50 pound fly-wheel tightens and equalizes the draft. The blast from the fan can be regulated for grading oats and cleaning wheat and corn.

Will not hull lima beans. Will hull soy beans without any extra attachment. An extra screen is needed for use in hulling velvet beans.

Without Elevator.

Nos.	4SH	9SB	5SB	6SB
Power	Hand	Belt	Belt	Belt
Gasoline engine, or motor H. P		1½	3	3
Floor space, ins.	23x66	23x66	36x78	36x78
Diam., pulley, ins.		6	6	6
Size face of pulley, ins.		3½	3½	3½
Speed, R. P. M		600	600	600
Height over all, ins.	66	66	68	68
Cap. dry peas, per hour, bu	10to17	15to20	25to30	30to40
Wt each, lbs	300	325	500	600
Each		+$108 75	+$129 00	+$270 00	+$330 00

With Elevator.

Nos.	11SBE	16SBE
Power	Belt	Belt
Gasoline engine, or motor H. P	1½	3
Floor space, ins.	23x66	36x78
Diam. pulley, ins.	6	6
Size face of pulley, ins.	3½	3½
Speed, R. P. M.	600	600
Height over all, ins.	66	68
Cap. dry peas, per hour, bu	15 to 20	30 to 40
Wt each, lbs	350	650
Each	+$178 50	+$378 00

Shipped loose.

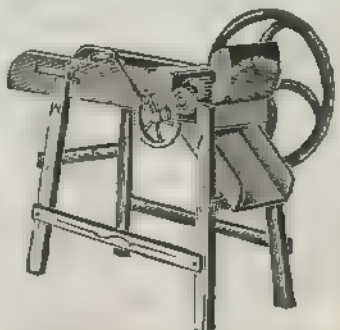
VELVET BEAN SCREENS

Nos.	4SHS	9SBS	5SBS	6SBS	11SBES	16SBES
For huller, Nos.	4SH	9SB	5SB	6SB	11SBE	16SBE
Each	+$7 65	+7 65	+9 15	+9 15	+7 65	+9 15

Note—Nos. 6SB and 16SBE power huller have automatic self-feed.

FEED CUTTERS

—BLUE GRASS—



Hardwood throughout natural finish. Cuts hay, straw, corn or fodder; recommended for use in feeding from 1 to 5 head of cattle.

Height to top of feed box 39 inches; width on floor 22 inches; length over all 53 inches; length of crank 12½ inches; diameter of fly-wheel 24½ inches.

Each

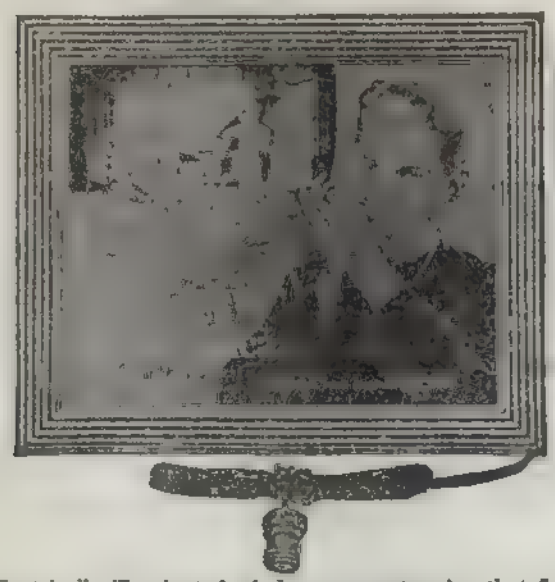
No. BG100—One 11¼ in. knife, adjustable to cut ¼, 1, 1½ and 2 ins; wt each 190 lbs $70 50

Shipped loose, K. D.

+F. O. B. Tennessee Factory Only.

HARMONICAS

HOHNER ELECTRIC FLASHER ASSORTMENT



Electrically illuminated window or counter sign that flashes its selling message day and night, given free with this assortment. 14x17 inch black and gold finish fluted hardwood frame with beautifully lithographed musical scene in soft colors; lacquer finish metal back. Accommodates 40 or 50 watt electric bulb. Complete with 6 feet of cord and separable attachment plug.

Incandescent lamp not included.

Assortment consists of electric flasher and 32 harmonicas, assorted 7 styles and prices as follows:

	Retail Value
15—Harmonicas at .50	$7 50
2—Harmonicas at .60	1 20
4—Harmonicas at .75	3 00
6—Harmonicas at 1.00	6 00
2—Harmonicas at 1.50	3 00
2—Harmonicas at 2.00	4 00
1—Chromonica at 2.75	2 75
32	$27 45

Per Ass't

No. 800—Complete as described $63 00

One in carton; wt per ass't 16 lbs.

HOHNER, Assortment.

Revolving display stand in the form of an obelisk. Seasoned wood, finished in rich dark mahogany highly polished, 32 inches high and 10¾ inches square at base. Decorated with attractive silver pressings and stenciled with the number and retail price of the Harmonicas. By means of steel clamps and supports 36 Harmonicas in the keys of A, B, C, D, E, F and G are fastened to the obelisk. These Harmonicas are assorted in 12 different styles. In the base compartment is a well constructed motor that revolves the obelisk for three and one-half hours with one winding.

Assortment consists of 36 Harmonicas, assorted in 12 different styles.

		Retail Value
16 Assorted Harmonicas	$0 50	$8 00
4 Assorted Harmonicas	60	2 40
8 Assorted Harmonicas	75	6 00
2 Assorted Harmonicas	1 00	2 00
4 Assorted Harmonicas	1 50	6 00
2 Assorted Harmonicas	2 00	4 00
36		$28 40

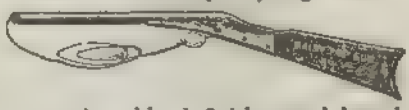
Per Ass't

No. 600—Complete as described above $67 50

One ass't in case; wt per ass't 56 lbs.

POP GUNS

DAISY—"See Dept. 9, Page 2221".

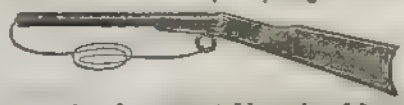


Break down action; blued finish metal barrel and frame. Walnut stock; shoots cork or rubber ball with loud report. Supplied with cork attached to string. Per Doz

No. 14—Length over all 21 ins $13 20

One in cardboard box; wt per doz 10 lbs.

DAISY—"See Dept. 9, Page 2221".



Break down action; heavy metal barrel and frame, gun metal finish; hardwood stock; shoots a cork attached to gun.

Per Doz

No. 7—Length 17 ins $6 30

One in cardboard box, one gro in case; wt per doz 5 lbs

KING

"See Dept. 9, Page 2221".

Per Doz

No. 15—Made like an air rifle; Winchester action; one piece nickel plated steel barrel and frame; black walnut stock; shoots a cork attached to a cord; length 17 ins $6 30

One in carton, three doz cartons in case; wt per doz 5⅝ lbs.

KING RAPID FIRE

"See Dept. 9, Page 2221".

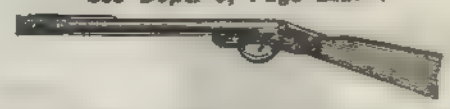
A pump action, rapid fire pop gun. Operates similar to a real pump gun. Loads automatically, explodes with both forward and backward movement of the hand piece; absolutely safe, not even a cork to fly out. Per Doz

No. 25PG—All metal parts nickel plated; genuine black walnut stock, polished; length 27 ins $25 20

Three doz in case; wt per doz 12 lbs.

WYANDOTTE

"See Dept. 9, Page 2221".



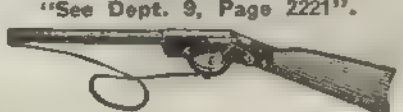
Breakdown action; heavy metal barrel and frame; black gun metal finish; hardwood stock; shoots a cork enclosed in a guard, is automatically pulled in with the breakdown action; can be used by small children with safety. Per Doz

No. 1—Length 19 ins $6 30

One in cardboard box; wt per doz 7 lbs.

WYANDOTTE

"See Dept. 9, Page 2221".



Breakdown action; heavy metal barrel and frame; black gun metal finish; hardwood stock; shoots a cork attached to gun. Per Doz

No. 2—Length 17 ins $6 30

One in cardboard box; wt per doz 6 lbs.

CHRISTMAS TREE LIGHTING OUTFITS

The Meaning of "Series" and "Multiple" Types.

SERIES TYPE—When one lamp burns or goes out the entire circuit goes out.

MULTIPLE TYPE—Each lamp is on an individual circuit, the burning or going out of one lamp does not affect the others.

"See Dept. 5, Page 1167."

SERIES TYPE

8 assorted pear shaped. 15 volt carbon lamps; complete with 8 feet of cord, sockets and plug. Operates on regular lighting circuit 110 volts.

		Each
No. C8 LSC—Non-extension	2 34	*$1 20*

One set in holly covered cardboard box; 50 sets in stand pkg; wt each 1¾ lbs.

"See Dept. 5, Page 1167."

—BLUE GRASS—

SERIES TYPE

8 assorted colored 15 volt genuine Mazda cone shape lamps; complete with 8 feet of cord, sockets and separable plug. Operates on regular lighting circuits 110 volts.

		Each
No. B68 LSM—Non-extension	3 39	*$1 25*

One set in holly covered cardboard box; 50 sets in stand pkg; wt each 1¾ lbs.

"See Dept. 5, Page 1167."

PROPP

SERIES TYPE

8 assorted colored 15 volt genuine Mazda cone shape lamps complete with 8 feet of cord, sockets and connector plug. Operates on regular lighting circuits 110 volts.

		Each
No. 842—Extension	3 96	*$2 10*

One set in holly covered cardboard box; 50 sets in stand pkg; wt each 1¾ lbs.

CHRISTMAS TREE LIGHTING OUTFITS

"See Dept. 5, Page 1168."

PROPP

SERIES TYPE

8 assorted colored genuine Mazda cone shape lamps; complete with 10½ feet of cord, sockets, extension plug and separable attachment plug.

Extension Type.		Each
No. E83—110 volt; uses 15 volt lamps	4 74	*$2 50*
No. 8332—32 volt, uses 6 volt lamps	5 10	*2 70*

One set in holly covered cardboard box; 50 sets in stand pkg; wt each 1¾ lbs.

"See Dept. 5, Page 1168."

PROPP

SERIES TYPE

8 fancy shaped assorted figures, 15 volt lamps, with metalized filaments; complete with 8 feet cord, sockets, extension plug and separable attachment plug. Operates on regular lighting circuits 110 volts.

		Each
No. 108—Extension	5 56	*$2 90*

On set in holly covered cardboard box; 50 sets in stand pkg; wt each 1½ lbs.

"See Dept. 5, Page 1168."

7 Light Multiple Outfit For 110-120 Volt Current.

Equipped with 120 volt assorted colors, new type Mazda bulbs that gives a bright decorative illumination on a multiple circuit that prevents all other lights going off when one bulb burns out. Complete with 18 feet of waterproof rubber covered wire with mahogany finish bakelite sockets, separable attachment plug.

		Each
No. B67 LMM—Blue Grass non-extension	6 45	*$3 00*
No. 72—Propp (Noma No. 3000) extension	8 82	*4 50*

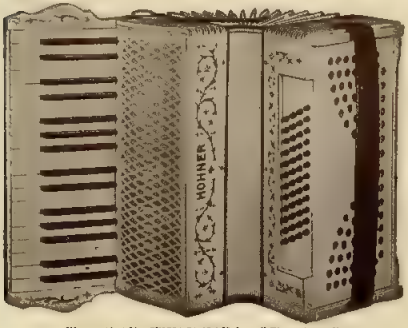
One in Xmas display box; wt each 1¾ lbs.

The New "Hohner" Piano Accordions

DEPENDABLE IN EVERY RESPECT

GENERAL DESCRIPTION

The frames, keyboard and back panel are of white celluloid. Frames are neatly embellished with fine black strip inlay. Front of upper and lower frames are decorated with colored design. Top metal panel is of white enamel, lattice work pattern, with gauze backing. Bellows are comprised of 16 extra deep folds with enameled white cloth lining on outside edges, nickel-plated corner protectors. Finest quality leather clasps, bass and shoulder straps. Each Accordion has a substantial and fine looking carrying case fitted with heavy metal hinges, catches, lock and key, sturdy handle.



Illustrating No. 7F1854, 34, 48 "Hohner" Piano Accordion

("Choice of Three Models)

No. 7F1859/25/12. 25 black and white treble piano keys, 2 chromatic octaves, 12 black bass keys in 2 rows, 2 sets of hand filed steel reeds. Size 6x11¼ inches. Each $86.30

No. 7F1857/25/24. 25 black and white treble piano keys, 2 chromatic octaves, 24 black bass keys in 3 rows, 2 sets of hand filed steel reeds. Size 7x12⅝ inches. Each $141.35

No. 7F1854/34/48. 34 black and white treble piano keys 2⅝ chromatic octaves, 48 black bass keys in 4 rows, 2 sets of hand filed steel reeds. Size 7x15¼ inches. (See Illustration.) Each $219.70

You will be pleased with the intrinsic value represented in our low factory prices prevailing in this important selling. You are at liberty to make selection and should instrument not come up to your fullest expectations, kindly return via express at our expense for credit. So confident are we that you will be pleased that we cheerfully make the above sweeping offer

Illustrating No. 7F1855/41/120 "Hohner" Piano Accordion

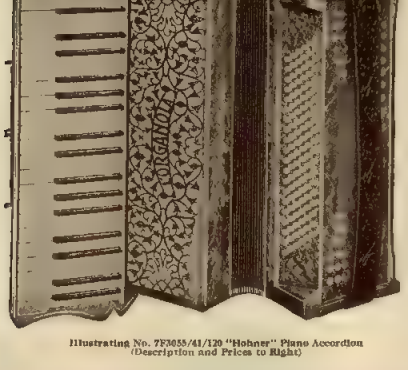
(Choice of Three Models)

No. 7F1855/39/40. 39 black and white treble piano keys, 3 chromatic octaves, 40 black bass keys in 4 rows, 2 sets of hand filed steel reeds. Size 7x17⅜ inches. Each $258.70

No. 7F1855/41/80. 41 black and white treble piano keys, 3¼ chromatic octaves, 80 black bass keys in 5 rows, 4 sets of hand filed steel reeds. Size 7¼x18½ inches. This instrument is equipped with an octave coupler or mechanical apparatus at the edge of the keyboard by means of which one set of reeds may be thrown on or off. Each $317.50

No. 7F1855/41/120. 41 black and white treble piano keys, 3¼ chromatic octaves, 120 black bass keys in 6 rows, 4 sets of hand filed steel reeds. Size 7¼x18½ inches. This instrument is equipped with an octave coupler or mechanical apparatus at the edge of the keyboard by means of which one set of reeds may be thrown on or off. (See Illustration.) Each $377.50

De Luxe "L'Organola" Hohner Piano Keyboard Accordion



Illustrating No. 7F3055/41/120 "Hohner" Piano Accordion
(Description and Prices to Right)

THE PROFESSIONAL'S CHOICE

Absolutely Guaranteed Against Defect in Workmanship or Material

These magnificent instruments can only be fully appreciated by actual inspection. They are the handiwork of the most capable artisans and the result of years of painstaking labor and costly experimental work. Their thoroughness of construction, accuracy in mechanical performance, clarity and brilliance of tone, exquisite and yet refined lines are features that have made them the exclusive choice of the trade.

De Luxe "L'Organola"

"Hohner" Piano Keyboard Accordion

No. 7F3055/41/120. Obtainable in 7 different colors, as: blue, red, green, silver, gold, white or other special pearl, mosaic plan, white [illegible], black and white treble piano keys, 3¼ chromatic octaves, 120 bass keys in 6 rows, 4 sets of hand filed steel reeds. Size 7¼x18½ inches. This instrument is equipped with an octave coupler or mechanical apparatus at the edge of the keyboard by means of which one set of reeds may be thrown on or off. The [illegible] keyboard, [illegible] and back panel are of heavy celluloid material. The [illegible] frames and accordion are neatly embellished with fine black and white strip inlay with many panels featuring a raised script lettering the name "L'Organola." Top panel is of heavy brass [illegible] nickel-plated and cut in appropriate design with silk gauze backing. Special extension keyboard. Bellows are comprised of 16 extra deep folds reinforced with special prepared silk cloth lining on edges. Handle and outside metal corner protectors nickel-plated. Inside panels hold reed blocks and extra heavy action. Finest quality leather clasps bass and shoulder straps with felt backing. Each Accordion has a substantial and fine looking carrying case constructed of basswood, felt lined and fitted with heavy metal hinges, catches, lock and key, sturdy handle.

No. 7F3055/41/120 (State Color.) Each $490.00

An Important Selling in Buckeye and Hamilton Music Stands, Seth Thomas Metronomes and Leather Music Stand Cases

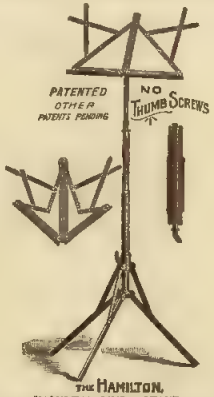
The Best Made. The Most Satisfactory and Universal in Use. Priced Very Low. This complete showing permits a satisfactory selection for every want. They are Guaranteed Products, will give the best of satisfaction and are attractively priced, which comparison will reveal

PATENTS
Jan. 25, 1898.
Nov. 26, 1901.
June 21, 1904.
NO THUMB SCREWS
NO LEVERS AND NUTS
ADJUSTMENT QUICK AS LIGHTNING.
ABSOLUTELY THE BEST MUSIC STAND EVER MADE.
DESK ADJUSTABLE TO ANY ANGLE DESIRED.
CAN ALSO BE USED INDEPENDENTLY AS A TABLE STAND.
THE HAMILTON COMBINATION

HAMILTON COMBINATION MUSIC STAND

A combination stand which offers many points of convenience. The most satisfactory stand for the player today. Heavy, polished nickel finish folding stand with adjustable desk. (See above illustration for the salient features); no thumbscrews, no levers and nuts. Adjustment as quick as lightning.

No. 7F2580 Each $5.20



HAMILTON MUSIC STAND

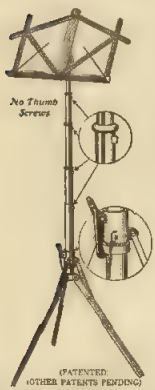
Another popular Hamilton Stand which is in great demand today. Heavy polished brass finish, folding stand, with adjustable desk. Possible in every respect and our price shows the intrinsic value in our low prices

No. 7F2541 Each $4 80

THE BUCKEYE MUSIC STAND

The best stand in the market today at the price it is offered in the catalog. Guaranteed to give the very best of service and satisfaction. Heavy folding stand, dull nickel finish with adjustable desk. Refined workmanship and finish

No. 7F2542 Each $2.80



(PATENTED
OTHER PATENTS PENDING)

THE IMPROVED LONE STAR MUSIC STAND

This is a sturdily constructed music stand with metal music shelf. Has improved locking device, which never fails or disappoints. Brass Tubes. Heavily nickel plated. Adjustable to any angle. When extended to full height measures 56 inches; when folded only 12 inches. A very compact and nicely made and finished stand. Priced very low in this selling

No. 7F2547 Each $4.65

No. 7F6
GENUINE SETH THOMAS METRONOMES
American Manufacture
Maelzel System

An instrument for marking exact time. Mahogany, fixed key, without bell.

No 7F5 Each $10 25
Same, except with bell
No. 7F6 Each $13.75

"E-Z" ZIPPER LOCK MUSIC STAND CASE
Genuine Cowhide Leather

No case, buckles or straps to fool with just pull the tab, and the case is opened or closed quick as a flash. Cowhide Leather. Sewed Edges. Choice of Black or Tan colors

No 7F34A To fit Hamilton Stand 17-inch, Black Color Each $3.80
No 7F34B To fit Hamilton Stand 17-inch, Tan Color Each 3.80
No 7F32A To fit Hamilton and Lone Star Stand, 13-inch, Black Color Each 3.25
No 7F32B To fit Hamilton and Lone Star Stand, 13-inch, Tan Color Each 3.25

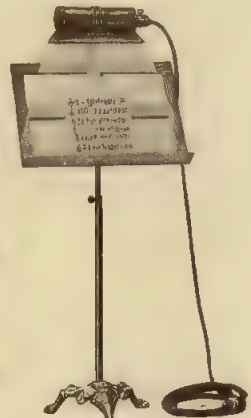
LEATHER MUSIC STAND CASE

Flat oval to accommodate Hamilton music stand 17x2 inches, in black or tan colors. Cowhide cover. Sewed edges

No 7F35B Black color Each $3 10
No. 7F35T Tan color Each 3.10

23-INCH CASE TO FIT VICTORIA OR BUCKEYE STANDS

No 7F35B Black Color Each $4.20
No. 7F35T Tan Color Each 4.20



ORCHESTRA STAND No. 7F2545 and LAMP SHADE No. 7F1000

ORCHESTRA OR STUDENT STAND: Heavy iron rod and pedestal, black japanned with fancy bronze ornamental, genuine oak desk adjustable to different angles. Best made, do not compare with inferior stands at too low price. Priced very low.

No 7F2545 Orchestra or Student Stand Each $9 25

HAMILTON LAMP SHADE: Finished in black enamel, rod and brace in dull nickel finish, can be attached anywhere in any music. Includes connection and socket and 8½ feet of wire

No. 7F1000 Hamilton Lamp Shade Each $10.25

HARMONICAS

HOHNER, "Harmonette."

14 double holes; 28 reeds; brass plates; nickel plated covers.

Per Doz

No. 3101—Length 4¾ ins $26 25

One in telescope container; wt per doz 3¾ lbs.

HOHNER, "Cutie".

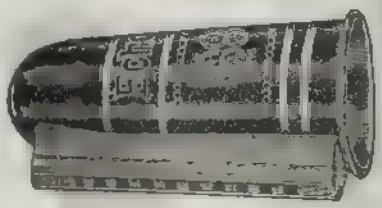
4 single holes; 8 perfectly tuned reeds, brassed plates, nickel plated covers with ring attached. May be used as watch charm. Frequently given as prizes.

Per Doz

No. 023—Length 1⅝ ins $2 40

One in cardboard box; wt per doz 1¼ lbs.

HOHNER, "Echo Phone". Scales A, B, C, D, E, F, G,



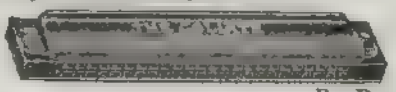
10 single holes; 20 reeds; brass plates; nickel plated covers.

Per Doz

No. 3810—Length 4½ ins; wt per doz 3½ lbs $24 75

One in cardboard box.

HOHNER, "The Goliath"



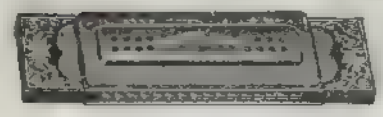
24 double holes; 48 reeds; brass plates; nickel plated covers.

Per Doz

No. 453—Length 7½ ins; wt per doz 6 lbs $37 50

One in imitation alligator skin hinged box.

HOHNER, "The Up-to-Date."



16 double holes; 32 reeds; brass plates; nickel plated covers.

Per Doz

No. 46½—Length 7 ins; wt per doz 7¼ lbs $48 75

One in hinged covered box.

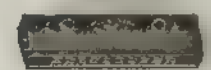
POHL

10 double holes; 8 reeds.

Per Doz

No. 163—Length 4 ins; wt per doz 2½ lbs $1 35

One in telescope container.



POHL

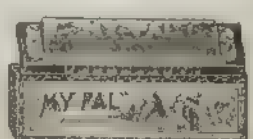
12 double holes; 12 tuned reeds; nickel plated covers.

Per Doz

No. 165—Length 4 ins; wt per doz 2½ lbs $2 55

One in telescope container.

POHL



10 single holes; 10 tuned reeds; nickel plated brass covers.

Per Doz

No. 112—Length 4 ins $2 55

One doz in cardboard box; wt per doz 2½ lbs

HARMONICAS

Full 20 note, with screwed brass plates and movable horn, similar to radio loud speaker, giving a very novel effect and tune.

Per Doz

No. 111—Length of mouth piece 4 ins; diam bell 2½ ins $12 75

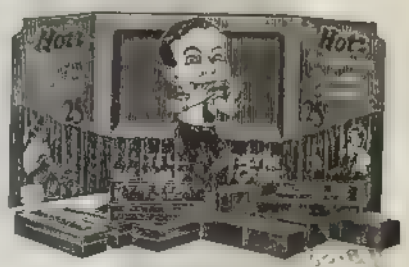
One in cardboard box; wt per doz ¼ lbs

HOTZ, Assortment.

Happy Day.

Assortment consists of twelve Harmonicas of different styles and six different keys, neatly arranged in a counter display box.

Scales A, B, C, D, E, F, G.



Per Ass't

No. 019—Consists of one doz Harmonicas to retail at 25 cents each $5 70

One doz in counter display box; wt per doz 2 lbs.

AMERICAN ACE ASSORTMENTS

10 single holes; 10 reeds; brass plates, nickel plated covers.

Per Doz

No. 016—Length 3⅛ ins $5 55

Half doz in cardboard counter display box; wt per doz 2 lbs.

HARMONICAS

SONG BIRD ASSORTMENTS

10 Single holes; 10 reeds; brass plates; nickel plated covers.

Per Doz

No. 024—Length 3⅞ ins..... **$6 45**

Half doz in cardboard counter display box; wt per doz 2 lbs.

HOHNER, Assortment.

These assortments are made up of 12 Harmonicas of different styles and 7 different keys; neatly arranged in a display box.

Scales A, B, C, D, E, F, G.

Per Doz

No. 1—Consists of one doz Harmonicas to retail at 50 cents each **$12 30**

One ass't in display box; wt per ass't about 8 lbs.

HARMONICAS

HOHNER, Assortment.

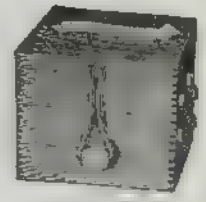
Scales A, B, C, D, E, F, G.

Assortment consists of one dozen Harmonicas that will easily retail at 50 cents, one lithographed cut-out printed in six colors. Height 31 inches.

Per Ass't

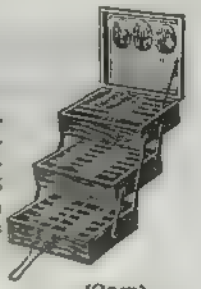
No. 425—Complete as described above..... **$12 75**

One ass't in carton



(Closed)

Hardwood display cabinet, light oak finish; comprises three trays displaying an assortment of 78 harmonicas ranging in price from 10 to 60 cents each.



(Open)

Assortment consists of the following:		Retail Value
6 Harmonicas	$0 50	$3 00
6 Harmonicas	60	3 60
12 Harmonicas	25	3 00
30 Harmonicas	10	3 00
24 Harmonicas	15	3 60
		$16 20

Per Ass't

No. 700—Ass't complete as above described..... **$28 50**

One ass't in carton; wt per ass't 13 lbs.

(Closed)

Seasoned wood, finished in rich dark mahogany highly polished, with attractive gold lettering on top panel. The cabinet when open presents the assortment of 38 harmonicas at one time.

(Open)

Assortment consists of 38 harmonicas assorted in 9 different styles. All Keys.

		Retail Value
16 Harmonicas	$0 50	$8 00
6 Harmonicas	60	3 60
6 Harmonicas	75	4 50
10 Harmonicas	1 00	10 00
		$26 10

Per Ass't

No. 400—Complete as described above **$46 50**

One ass't in carton; wt per ass't 11 lbs.

An INTERNATIONAL SILVER CO. Product

HOLMES & EDWARDS

SOMETHING MORE THAN PLATE — INLAID

CENTURY

	Plate Box	List Doz.		Consumer
Tea Spoons	Inlaid	16 68	doz.	$7 50
Dessert or Oval Soup Spoons	Inlaid	16 68	doz.	15 00
Table Serving Spoons	Inlaid	6 68	doz.	15.00
Round Bowl Soup Spoons	Inlaid	16 68	doz.	15.00
Breakfast or Luncheon Forks	Inlaid	16 68	doz.	15.00
Dinner Forks	Inlaid	16 68	doz.	15.00
SPOONS IN SUPER CASES				
Baby (Bent Handle)	doz.	13.26	each	1 00
Baby (Short Handle)	doz.	13.26	each	1 00
Berry, Salad or Serving	doz.	46 80	each	3.50
Bouillon	doz.	16 14	six	7 25
Coffee (Demi Tasse)	doz.	8 34	six	3.75
Cream Soup or Cereal	doz.	16 68	six	7.50
Five o'Clock Tea, Sherbet or Child's Plain Box	doz.	8 34	six	3.75
Iced Drink or Parfait	doz.	13 38	six	6.00
Olive	doz.	23 28	each	1.75
Orange or Grape Fruit	doz.	12 80	six	5.75
Preserve	doz.	36.78	each	2.75
Sugar	doz.	6 52	each	1.25
FORKS IN SUPER CASES				
Baby (Short Handle)	doz.	13 26	each	1 00
Cold Meat Salad or Serving	doz.	33 28	each	2.50
Cold Meat (Small)	doz.	26 78	each	2.00
Five o'Clock Tea or Child's Plain Box	set	13 26	six	6 00
Ice Cream	doz.	13 88	six	6 25
Oyster or Sea Food	doz.	11 68	six	5 25
Pie or Pastry, Individual	doz.	18 90	six	8 50
Pickle	doz.	21 32	each	1.50
Salad, Individual	doz.	16 68	six	7.50
KNIVES AND LADLES IN SUPER CASES				
Butter Knife	doz.	16 52	each	1 25
Butter Spreaders	doz.	33 92	six	6.25
Gravy Ladle	doz.	36.78	each	2 75
Soup Ladle	doz.	106.64	each	8 00
Whipped Cream Ladle	doz.	30 10	each	2 25
SPECIAL SERVING PIECES IN SUPER CASES				
Cake Server	doz.	26 78	each	2 00
Fish Server, Pierced	doz.	56 80	each	4 25
Jelly Server	doz.	23 52	each	1.75
Sugar Shell	doz.	26.78	each	2.00
Tomato or Egg Server	doz.	43 54	each	3.25
SOLID HANDLE CUTLERY, FRENCH BLADES				
Dinner Knife, Stainless	doz.	17 64	doz.	14 00
Dinner Knives, Plated	doz.	12 60	doz.	10.00
Breakfast or Luncheon Knives, Stainless	doz.	17 64	doz.	14.00
Breakfast or Luncheon Knives, Plated	doz.	12 60	doz.	10.00
Breakfast Forks, Solid Handles, Super Case	doz.	12 60	doz.	10.00
Tea, Salad or Child's Knives, Plated	doz.	12.60	doz.	10.00
Fruit Knives, Stainless, Super Case	doz.	15 72	doz.	12.50
HOLLOW HANDLE CUTLERY, FRENCH BLADES				
Dinner Knives, Master, Stainless	doz.	35 40	six	14 00
Dinner Knives, Stainless	doz.	30 24	six	12 00
Breakfast Knives, Master, Stainless	doz.	35 40	six	14 00
Breakfast Knives, Stainless	doz.	30 24	six	12.00
Tea, Salad or Child's Knives, Plated	doz.	27 70	six	11 00
Fruit Knives, Stainless, Super Case	doz.	27 70	six	11.00
Butter Spreaders, Super Case	doz.	23 40	six	10.50
Cheese Server, Super Case	doz.	36 78	each	2.75
Pie Server, Super Case	doz.	60 50	each	4.50
HOLLOW HANDLE CARVING SETS STAINLESS STEEL BLADES Blades, large 8" Medium 7½" Small 6"				
3-Piece Beef, Large, Super Case	set	22 74	set	18.00
3-Piece Game, Medium, Super Case	set	19 60	set	15 60
2-Piece Game, Medium, Super Case	set	15 44	set	12 25
3-Piece Steak (Small), Super Case	set	14 18	set	11 25
2-Piece Steak (Small), Super Case	set	10.12	set	8.00
Poultry and Game Shears, Plain Box	each	12 52	each	10.00
SOLID HANDLE				
2-Piece Steak (Small), Stainless Blade, 6-inch, Super Case	set	6.26	set	5.00
TWO-PIECE SETS IN SUPER CASES				
Sugar Spoon and Butter Knife	doz.	33.28	set	2.50
Baby Spoon and Fork (Short Handle)	doz.	26.78	set	2.00
H. H. Salad Set, Olivewood Tines and Bowl	doz.	100.34	set	7.50
THREE-PIECE CHILD'S SETS IN SUPER CASES				
With Solid Handle Knife	doz.	37 78	set	2.50
With Hollow Handle Knife	doz.	53.30	set	4.00
With Flat Knife	doz.	40.04	set	3.00

Pieces Illustrated are

Dinner Knife — Individual Salad Fork
Tea Spoon — Dinner Fork

Illustrations Full Size

INTERNATIONAL SILVER CO.

INTERNATIONAL SILVER CO.

An INTERNATIONAL SILVER CO. Product

HOLMES & EDWARDS

SOMETHING MORE THAN PLATE — INLAID

PAGEANT

	Plain Box	Last Doz		Consumer
Tea Spoons	Inlaid	$8 34	doz.	$7 50
Dessert or Oval Soup Spoons	Inlaid	16.68	doz.	15 00
Table or Serving Spoons	Inlaid	16.68	doz.	15 00
Round Bowl Soup Spoons	Inlaid	16 68	doz.	15 00
Breakfast or Luncheon Forks	Inlaid	16.68	doz.	15 00
Dinner Forks	Inlaid	16.68	doz.	15 00
SPOONS IN SUPER CASES				
Baby (Bent Handle)	doz.	13 26	each	1.00
Baby (Short Handle)	doz.	13 26	each	1.00
Berry, Salad or Serving	doz.	46 80	each	3.50
Bouillon	doz.	16 14	six	7.25
Coffee (Demi Tasse)	doz.	8 34	six	3.75
Cream Soup or Cereal	doz.	16.68	six	7.50
Five o'Clock Tea, Sherbet or Child's Plain Bot	doz.	8.34	six	3 75
Iced Drink or Parfait	doz.	13 38	six	6.00
Olive	doz	23 28	each	1 75
Orange or Grape Fruit	doz	12 80	six	5.75
Preserve	doz	36 78	each	2 75
Sugar	doz.	16 52	each	1 25
FORKS IN SUPER CASES				
Baby (Short Handle)	doz.	13 26	each	1 00
Cold Meat, Salad or Serving	doz.	33 28	each	2.50
Cold Meat, Sets	doz.	26 78	each	2.00
Five o'Clock Tea or Child's Plain Box	doz	13 26	six	6.00
Ice Cream	doz.	13.88	six	6.25
Oyster or Sea Food	doz.	11 68	six	5.25
Pie or Pastry, Individual	doz.	18 90	six	8.50
Pickle	doz.	20 02	each	1 50
Salad, Individual	doz.	16.68	six	7 50
KNIVES AND LADLES IN SUPER CASES				
Butter Knife	doz.	16 52	each	1.25
Butter Spreaders	doz.	13 92	six	6 25
Gravy Ladle	doz.	36 78	each	2.75
Soup Ladle	doz.	106 84	each	8 00
Whipped Cream Ladle	doz.	30 00	each	2 25
SPECIAL SERVING PIECES IN SUPER CASES				
Flat Server, Pierced	doz.	56 80	each	4.25
Jelly Server	doz.	23 52	each	1.75
Sugar Tongs	doz.	26 78	each	2.00
Tomato or Egg Server	doz.	43 54	each	3.25
SOLID HANDLE CUTLERY, FRENCH BLADES				
Dinner Knives, Stainless	doz.	17 64	doz.	14.00
Dinner Knives, Plated	doz	12 60	doz.	10 00
Breakfast Knives, Stainless	doz.	17 64	doz.	14.00
Breakfast Knives, Plated	doz.	12 60	doz.	10 00
Tea, Salad or Child's Knives, Plated	doz.	12 60	doz.	10.00
Fruit Knives, Stainless, Super Case	doz.	15 72	doz.	12.50
HOLLOW HANDLE CUTLERY, FRENCH BLADES				
Dinner Knives, Mirror Stainless	doz.	35 40	six	14.00
Dinner Knives, Stainless	doz.	30.24	six	12.00
Breakfast Knives, Mirror Stainless	doz	35 40	six	14 00
Breakfast Knives, Stainless	doz	30 24	six	12.00
Tea, Salad or Child's Knives, Plated	doz	27 70	six	11 00
Fruit Knives, Stainless, Super Case	doz	27 70	six	11 00
Butter Spreaders, Super Case	doz	25 40	six	10 50
Cheese Server, Super Case	doz	36 78	each	2.75
Pie Server, Super Case	doz.	60 30	each	4 50
HOLLOW HANDLE CARVING SETS STAINLESS STEEL BLADES Blades Large 8" Medium 7" Small 6"				
3-Piece Beef (Large), Super Case	set	22 74	set	18 00
3-Piece Game (Medium), Super Case	set	19 60	set	15.60
2-Piece Game (Medium), Super Case	set	15 44	set	12 25
3-Piece Steak Set (Small), Super Case	set	14 18	set	11 25
2-Piece Steak (Small), Super Case	set	10 12	set	8 00
Poultry and Game Shears, Plain Box	each	12 62	each	10.00
SOLID HANDLE				
2-Piece Steak, Small, Stainless Blade 6-inch, Super Case	set	6 26	set	5.00
TWO-PIECE SETS IN SUPER CASES				
Sugar Spoon and Butter Knife	doz.	33 28	set	2.50
Baby Spoon and Fork, Short Handle	doz	26 78	set	2.00
H. H. Salad Set, Olivewood Tines and Bowls	doz.	100 34	set	7.50
THREE-PIECE CHILD'S SETS IN SUPER CASES				
With Solid Handle Knife	doz	37 78	set	2.50
With Hollow Handle Knife	doz.	53 30	set	4.00

Pieces Illustrated are

Dinner Knife — Salad Fork

Tea Spoon — Dinner Fork

Illustrations Full Size

INTERNATIONAL SILVER CO.

HOLMES & EDWARDS

SOMETHING MORE THAN PLATE

INLAID

ROMANCE NEWPORT JAMESTOWN

	Plate in Box	Last Date	Consumer
Tea Spoons	Inlaid	$8.34	doz. $7.50
Dessert or Oval Soup Spoons	Inlaid	16.68	doz. 15.00
Table or Serving Spoons	Inlaid	16.68	doz. 15.00
Round Bowl Soup Spoons	Inlaid	16.68	doz. 15.00
Breakfast or Luncheon Forks	Inlaid	16.68	doz. 15.00
Dinner Forks	Inlaid	16.68	doz. 15.00

SPOONS IN SUPER CASES

Baby (Bent Handle)	doz.	13.26	each	1.00
Baby (Short Handle)	doz.	13.26	each	1.00
Berry, Salad or Serving	doz.	46.80	each	3.50
Bouillon	doz.	16 14	six	7.25
Coffee Demi-Tasse	doz.	8 34	six	3.75
*Cream Soup or Cereal	doz.	16.68	six	7.50
Five o'Clock Tea, Sherbet or Child's Plain Bowl	doz.	8 34	six	3 75
Iced Drink or Parfait	doz.	13 38	six	6.00
Olive	doz.	23 28	each	1.75
Orange or Grape Fruit	doz.	12 80	six	5.75
*Preserve	doz.	36.78	each	2.75
Sugar	doz.	16 52	each	1 25

FORKS IN SUPER CASES

Baby (Short Handle)	doz.	13 26	each	1.00
Cold Meat, Salad or Serving	doz.	33.28	each	2.50
*Cold Meat, Small	doz.	26.78	each	2.00
5 o'Clock Tea or Child's, Plain Box	doz.	13 26	six	6.00
Ice Cream	doz.	13 88	six	6.25
Oyster or Sea Food	doz.	11 66	six	5.25
*Pie or Pastry, Individual	doz.	18 90	six	8.50
Pickle	doz.	20 02	each	1.50
Salad, Individual	doz.	16.68	six	7.50

KNIVES AND LADLES IN SUPER CASES

Butter Knife	doz	16 52	each	1 25
Butter Spreaders	doz	14 92	six	6 25
Gravy Ladle	doz	36 78	each	2 75
Soup Ladle	doz	06 84	each	8 00
Whipped Cream Ladle	doz.	30 02	each	2 25

SPECIAL SERVING PIECES IN SUPER CASES

Cake Server	doz.	26 78	each	2.00
*Flat Server Pierced	doz.	56.80	each	4.25
Jelly Server	doz	23 52	each	1.75
Sugar Tongs	doz.	26 78	each	2.00
Tomato or Egg Server	doz.	43 54	each	3 25

SOLID HANDLE CUTLERY, FRENCH BLADES

*Dinner Knives Stainless	doz.	17 64	doz.	14.00
*Dinner Knives Plated	doz.	12 60	doz.	10.00
Breakfast or Luncheon Knives, Stainless	doz.	17 64	doz.	14.00
*Breakfast or Luncheon Knives Plated	doz.	12 60	doz.	10.00
Tea, Saucer or Child's Knives Plated	doz.	12 60	doz.	10 00
*Fruit Knives Solid Handles Stainless, Super Case	doz.	15.72	doz.	12.50

HOLLOW HANDLE CUTLERY, FRENCH BLADES

Dinner Knives, Mirror Stainless	doz.	35 40	six	14.00
Dinner Knives Stainless	doz.	30 24	six	12 00
Breakfast Knives Mirror Stainless	doz.	35 40	six	14 00
Breakfast Knives Stainless	doz	30 24	six	12 00
Tea, Saucer or Child's Knives Plated	doz.	27 70	six	11 00
Fruit Knives Stainless Super Case	doz.	27 70	six	11 00
*Butter Spreaders Super Case	doz.	23 40	six	10.50
*Cheese Server Super Case	doz.	36 78	each	2.75
Pie Server Super Case	doz.	60.30	each	4.50

HOLLOW HANDLE CARVING SETS
STAINLESS STEEL BLADES

Blades Large 8" Medium 7" Small 6"

3 Piece Steel, Large Super Case	set.	22 74	se	18.00
3 Piece Game Medium Super Case	set	19 60	se.	15.60
3 Piece Game Medium Super Case	se.	15 44	set	12.25
3 Piece Steak (Small) Super Case	set	14 18	set	11.25
2 Piece Steak (Small) Super Case	set	10 12	set	8.00
Poultry and Game Shears, Plain Box	each	12 52	each	10.00

SOLID HANDLE

*2-Piece Steak, Small, Stainless Blade, Super Case	set	6 26	set	5.00

TWO-PIECE SETS IN SUPER CASES

Sugar Spoon and Butter Knife	doz.	33 28	set	2.50
Baby Spoon and Fork, Short Handle	doz	26 78	set	2.00
H H Salad Set, Olivewood Tines and Bowl	doz.	100.34	set	7 50

THREE-PIECE CHILD'S SETS IN SUPER CASES

With Small Handle Knife	doz.	37.78	set	2.50
With Hollow Handle Knife	doz.	53 30	set	4.00
With Flat Knife	doz.	40.04	set	3.00

*Not in Newport. †Not in Jamestown. ‡Not in Romance.

Illustrations Full Size

INTERNATIONAL SILVER CO.

Very Heavily Silver Plated (Homan Plate) on Nickel Silver

The Homan Cocktail Sets are exclusive in design, superior in quality and unsurpassed in excellent construction, notwithstanding being attractively priced.
FEATURED IN THEIR CONSTRUCTION ARE THE NEWLY DESIGNED "SANI-TITE" SHAKERS

SANITARY COVER. No part of cork exposed. No screws or threads to hold cork in place. No crevices or pockets difficult to clean. CONSTRUCTION. Neck and cover heavily reinforced. Cannot get out of shape. Cover is sturdy, sanitary; locks mechanically with perfect precision. Absolutely and permanently non-leakable. Does not deteriorate with use.

SANI-TITE COCKTAIL SHAKER
Perfectly Plain Design Butler Finish

No.	Capacity	Each
9H/097	1 Quart	$14.00
9H/098	1½ Quarts	17.00
9H/099	2 Quarts	20.75

CAMBRIDGE PATTERN ICE TUB
Butler Finish With Drainer
Height, 5¾ inches

No. 9H/0947 Each $14.00

SAME AS ABOVE EXCEPT IN ICE BUCKET
Height 10¼ inches Has Drainer

No. 9H 0948 Each $14.40

SANI-TITE COCKTAIL SHAKER
Hammered Design Butler Finish

No.	Capacity	Each
9H 888	1 Quart	$15.00
9H 889	1½ Quarts	18.00
9H 890	2 Quarts	21.75

COCKTAIL CUP
Plain Design
Gold Lined Butler Finish Height, 3 inches. (Matches Cocktail Shaker to left)

No. 9H 01153 Each $3.15

COCKTAIL GOBLET
Hammered Design
Butler Finish, Gold Lined Height 4⅛ inches.

No. 9H/01170 Each $4.00

COCKTAIL CUP
Hammered Design
Gold lined Butler finish. Height, 3 inches. (Matches Cocktail Shaker to right)

No. 9H/01152 Each $3.15

"HATHAM" PATTERN SANI-TITE
COCKTAIL SHAKER
Butler Grey Finish Artistically Embossed

No.	Capacity	Each
9H/07389	1 Quart	$18.50
9H/07360	1½ Quarts	22.75
9H/07361	2 Quarts	26.98

CAMBRIDGE PATTERN SANI-TITE COCKTAIL SET
Butler Finish Priced Separately

No. 9H/07383	Cocktail Shaker, 1 Quart	Each	$18.00
No. 9H 07384	Cocktail Shaker 1½ Quart	Each	21.75
No. 9H 07385	Cocktail Shaker 2 Quart	Each	26.50
No. 9H 01171	Goblet, Gold lined, height 5 inches	Each	4.70
No. 9H 8680 19	Tray, Size 19x15⅞ inches	Each	22.00
No. 9H 9680 25	Tray, Size, 25x17½ inches	Each	40.75

CAMBRIDGE PATTERN
ICE BUCKET
Hammered Butler Finish
Height, 10¼ inches

No. 9H/0944 With Drainer Each $16.40
No. 9H/0946 Same design in Ice Tub, height, 5¾ inches. Each $14.00

LOUISIANA PATTERN ICE BUCKET
Butler finish. Artistic scroll decoration and heavy border Height, 10¼ inches. With drainer

No. 9H/0943 Each $13.75

LOUISIANA PATTERN SANI-TITE COCKTAIL SET
The best on the market Butler Finish Artistic scroll decoration and heavy border Priced separately

No. 9H/07374	Cocktail Shaker 1 Quart	Each	$21.00
No. 9H 07375	Cocktail Shaker 1½ Quart	Each	24.75
No. 9H 07376	Cocktail Saucer 2 Quart	Each	29.50
No. 9H 01167	Goblet, gold lined height 5⅝ inches	Each	5.00
No. 9H 8685 19	Tray, size 19x10⅜ inches	Each	25.00
No. 9H/9685 25	Tray, size, 25x14 inches	Each	40.50

Heavily Silver Plated on Nickel Silver Base—Formerly Known as Sheffield Plate

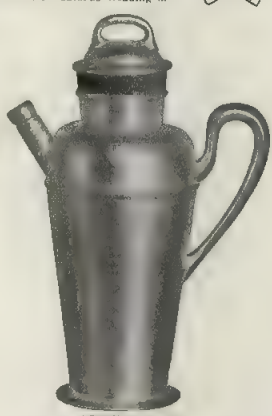
Today Water Pitchers, Goblets and Ice Tubs or Pails are greatly in use and considered a table necessity. This product is heavily silver plated, nicely finished and priced to permit a substantial saving to every purchaser. Ideal as Wedding or Anniversary Gifts.

COCKTAIL SHAKER

Plain design. Silver plated on nickel-silver base. Butler gray finish. Height, 11¾ inches. Capacity, 1¼ quarts. Excellent workmanship and finish. Priced very low.
No. 7846S Each **$9.75**

COCKTAIL SHAKER

Plain design enriched with artistic decorative embossed oxidized border. Silver plated on nickel silver base. Butler gray finish. Height, 11¾ inches. Capacity, 1¾ quarts. Wonderful value.
No. 7847S Each **$9.75**



COCKTAIL SHAKER

A tall very high grade masterly hand hammered design heavily silver plated on nickel silver base and finished in a rich Butler Gray. Height, 12½ inches. Capacity 3 pints. This is the most exquisite design on the market in the better grade. Nicely made and finished throughout.
No. 7848S Each **$22.50**

ICE TUB

An article which is becoming more useful in the home. Rich Butler gray finish. Height, 3¾ inches. Perfectly plain body, enriched with a magnificently embossed oxidized border. Very heavily silver plated and especially priced in this selling.
No. 7849S Each. **$9.75**

Hammered design. Silver plated on nickel silver base. Butler finish. Gold lined. Height, 8½ inches.
No. 7850S **Cocktail Goblet**. . Dozen **$48.00**

ICE TUB

In showing this beautiful ice tub above it makes it possible to procure all the pieces which constitute a cocktail set, viz: shaker goblet and Ice Tub. Masterly hammered. Very heavily silver plated. Height, 4¾ inches. Butler gray finish. Attractive embossed oxidized border.
No. 7851S Each **$11.25**

WATER PITCHER

A new octagonal shape in a hammered design. Very heavily silver plated. Butler gray finish. Height, 9 inches. Extra weight. Finest workmanship and finish. A table necessity. Ideal for gift purposes.
No. 7853S Each **$19.50**

Plain design. Silver plated on nickel silver base. Butler finish. Gold lined. Height, 8½ inches. Dozen
No. 7852S **Cocktail Goblet** . . **$45.00**

FRUIT STRAINER

Silver plated on nickel silver base. Butler gray finish. Diameter, 6 inches. Height, 4 inches. Removable strainer. Nicely made and finished.
No. 7854S Each **$9.75**

WATER PITCHER

A new masterly hammered design with plain upper lip. Rich Butler gray finish. Height, 8¾ inches. Very heavily silver plated and expertly finished. Wonderful value.
No. 7855S Each **$12.00**

HORSE SHOES

JUNIATA STEEL

Extra Light, Front.

Extra Light, Hind.

Extra Light, Front.

Nos.	2	3	4	5	6
Wt. each, ozs.	16	19	22½	26	31½
No. in keg	100	84	71	62	51

Extra Light, Front and Hind Mixed.

Nos.	2	3	4	5	6
Wt. each, ozs.	14	17	20	25½	30
No. in keg	114	94	80	63	53

Extra Light, Front and Hind Mixed.

Nos.	1	2	3	4	5	6
No. in keg	131	109	90	77	65	55

Light, Front.

Light, Hind.

Light, Front.

Nos	2	3	4	5	6	7
Wt. each, ozs.	18	21	26	31	37	43
No. in keg	89	76	62	52	43	37

Light, Hind.

Nos	2	3	4	5	6	7
Wt. each, ozs	16	19	23	28	33	38
No. in keg	100	84	70	57	49	42

Light, Front and Hind Mixed.

Nos.	1	2	3	4	5	6	7
No. in keg	124	101	85	69	57	48	43

100 pounds in a keg.

HORSE SHOES

EASY OR SNOW

Front.

Hind.

Front.

Nos.	1	2	3	4	5	6	7
Wt. each, ozs.	12	15	18½	23½	28	32	38
No. in keg	133	107	86	68	57	50	42

Hind.

Nos.	1	2	3	4	5	6	7
Wt. each, ozs.	10½	12½	16	19½	23	27	33
No. in keg	152	128	100	82	70	59	48

Front and Hind Mixed.

Nos.	0	1	2	3	4	5	6	7
No. in keg	180	143	118	93	75	64	55	45

EVER-READY CALKED

Ready to use. Have pronounced toe and heel calks and can be shaped cold to fit. Packed front and hinds in kegs.

Nos	0	1	2	3	4	5	6
Wt. each ozs.	11	12	15	18½	23	26½	31
No. in keg	146	133	107	87	70	61	52

100 pounds in a keg.

MULE SHOES

JUNIATA STEEL

Heavy.

Nos.	2	3	4	5
Wt. each, ozs.	16	20	24	28
No. in keg	100	80	67	57

100 pounds in a keg.

TOE CALKS

JUNIATA STEEL

Blunt Pattern.

Extra Long.

Nos.	Dimensions, Inches	Lb.
2	2¼x9/16x7/16	$0 12
3	2½x⅝x½	12
4	2¾x¾x½	12
5	3x13/16x9/16	12
6	3¼x⅞x9/16	12

Extra Extra Long.

Nos.	Dimensions, Inches	Lbs
2	2½x9/16x7/16	$0 12
3	2¾x⅝x½	12
4	3x¾x½	12
5	3¼x13/16x9/16	12
6	3½x⅞x9/16	12
7	3¾x15/16x19/32	12

Packed in 25 pound boxes.

Medium or Country Pattern.

Long.

Nos.	Dimensions, Inches.	Lb.
2	2x21/32x11/32	$0 12
3	2¼x¾x13/32	12
4	2½x27/32x7/16	12
5	2¾x27/32x7/16	12
6	3x15/16x17/32	12
7	3¼x15/16x17/32	12

Extra Long.

1	2x17/32x5/16	$0 12
2	2¼x21/32x11/32	12
3	2½x¾x13/32	12
4	2¾x27/32x7/16	12
5	3x27/32x7/16	12
6	3¼x15/16x17/32	12
7	3½x15/16x17/32	12

Packed in 25 pound boxes.

HORSE SHOE NAILS

Nos. 5 6 7 8 9

Regular Heads.

Nos.	5	6	7	8	9
Reliance. Regular head.....Lb.	28	27	26	26	25

Five pounds in a paper box; 25 pounds in a case.

BABY DIMPLES and DOLLY ROSEBUD

1930 Edition of Baby Dimples and Dolly Rosebud

More news about successful Baby Dimples and Dolly Rosebud! The dolls so popular they have made their own unsurpassable reputation. So profitable that they are responsible for continued reordering.

1930 finds a startling new and entirely different edition of these quick selling dolls. Radical changes have been made in the construction of body. New expressions have been given to their faces. Different costumes have been designed adding an up-to-date wardrobe.

Again Horsman have produced dolls unequalled in value, cashing in on the names of former successes and giving them new and added sales vitality.

National advertising of the new Horsman lines will make Baby Dimples and Dolly Rosebud wanted more than ever from coast to coast.

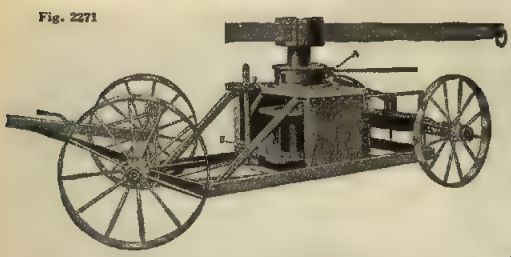
e.i. horsman co. 180 fifth ave. new york

makers of fine dolls

THE KUDDLY FAMILY
from the house of Knickerbocker
WRITE FOR NEW CATALOG OF
America's Premier Line of Stuffed Animals
BIGGER AND BETTER THAN EVER
Knickerbocker Toy Co., Inc.
LEO. L. WEISS, President
I. COWEN, Vice President
85 FIFTH AVE, NEW YORK, N.Y.

Fig. 2271 House Movers Portable Capstan

Fig. 2271



The cable is wound on the drum until the object moved is drawn close to the capstan. The capstan is then raised onto the portable gear and moved to a distance of 700 or 800 feet and again staked down. The front wheels and tongue are used as a stake puller and one man can do all the work.

The two ratchet bars pass through the rear axle and support rear end of capstan bed. Pulling out the hand lever releases the ratchet bars and deposits the capstan on the ground. The bed is raised again by a crow bar.

The Drum is steel 12 in. dia. and will hold 800 ft. of ⅝ or 600 ft. of ¾ inch cable. The only wearing part is the pin at the bottom of the spool which is easily replaced when worn out.

Price with 32″x3″ steel truck wheels and capstan sweep. **$300.00**

Fig. 2272 Rope Capstan

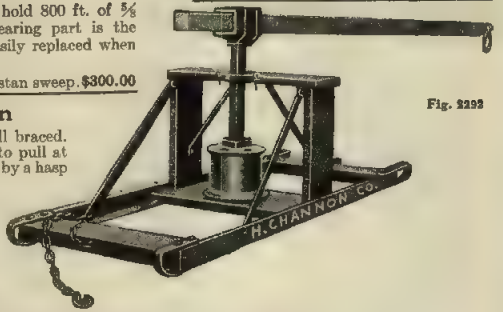


Fig. 2272

The frame is made of steel angles well braced. Shoes and chains are arranged for a horse to pull at either end in resetting. The spool is released by a hasp for placing cable on the drum driving shaft is 2½ inches square steel with a heavy cast head for sweep. The drum is 10 inches in diameter, cast iron, and the lower bearing is 3 inches in diameter, 2 inches long. This is not the crude affair usually made by a country blacksmith, but is strickly up to date in every respect.

Price each **$110.00**

House Moving Trucks

These house moving trucks are all equipped with disc wheels, 24 inches diameter. 12 inch tire and with hubs or 3 inch axles.

Fig. 2273

Fig. 2274

Fig. 2273. Steel Giant Truck. Has ball and socket plate top-header and a fifth wheel jaw which allows full oscillation of front axle. They are very efficient for three point loading method and can be used on four point load if desired. Price each, **$260.00**

Fig. 2274. Little Wonder Four Wheel Truck. A fine truck for average work. The main bolster is of wood, 8″x12″x3′2″ and the truck is equipped with ball and socket plate top-header. Price each, **$240.00**

Fig. 2275. Little Wonder Jr. 2 wheel truck, is designed for small buildings and light work. Made especially for four point loading but can be used on three point by using a little wonder four wheel truck for the point of the load and two wheel trucks for the rear.

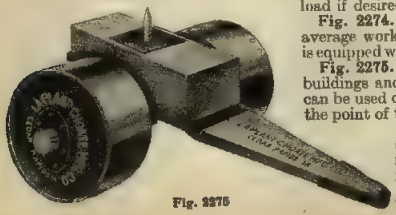


Fig. 2275

The bolster for main frame is 8″x12″x30″ white oak. It can be converted into a four wheel truck by adding the front wheels with axle and bolster used for the little wonder four wheel truck. Price each, **$140.00.**

Steel Truss Bolster for front truck, three point low loading. Price, **$75.00.**

HUBLEY

CAST IRON TOYS THAT SELL

RIDE THE TIDAL WAVE OF PROFITS *with* THESE NEW HUBLEY ACTION TOYS

HUBLEY "Exclusive Right" Toy No. 22 as shown above is 8 inches in height and 8 inches long. The figure is attractively proportioned and the pose is true to life. Snappy coloring and its action feature insure that it will catch the eye.

HUBLEY "Exclusive Right" Toy No. 23, shown at the right, has the same action as the toy above. The suit is the standard type used by life guards. The figure, naturally posed, is neatly modeled. The height is 8 inches and the length 8 inches.

The combination of two famous names, Jantzen and Hubley, will enable you to get ample return from the featuring of these two toys.

TWO new HUBLEY "Exclusive Right" Toys with immense sales and profit possibilities are now ready for you. The Jantzen Surf Girl — No. 22 — and the Jantzen Beach Patrol — No. 23. These two new toys are full of action and smart color and they have all the eye appeal necessary to produce business.

When pulled along, the eccentric front wheel makes the surf board, or aquaplane, on which the figures are mounted, bob up and down just as if it were riding the waves. The figures are wearing Jantzen bathing suits which carry the famous Jantzen emblem. The imitation water base surrounding the surf boards is realistically colored. Each figure is nicely modeled. In every respect these two new toys possess the features that produce sales — and HUBLEY alone is privileged to make them. Both designs have full patent protection.

TO HELP YOU

sell these two new HUBLEY "Exclusive Right" Toys we are taking space in

JUNIOR HOME
AND
CHILD LIFE

the two leading juvenile publications.

In this space we will illustrate No. 22 and describe both toys. We will ask the public to ask for these toys by name. Our advice to you is to be ready for business.

They're Different

Look for the HUBLEY page in this magazine next month. It will be in color, and another new and interesting toy will be presented. In the meantime, get in touch with your jobber.

THE HUBLEY MANUFACTURING COMPANY

LANCASTER, PENNSYLVANIA

Prices and Information from

The Owens-Kreiser Co.
45 E. 17th St., New York City

G. E. Dalton Co.
49 Fourth St., San Francisco, Cal.
747 Warehouse St., Los Angeles, Cal.

Strobel-Wilken Co., Inc.
33 E. 17th St., New York City

Welcome G. Young & Son
116 Bedford St., Boston, Mass

Bell and Toy Makers for Over 60 Years

THE GONG

VOL. 3 PUBLISHED FOR THE PROGRESSIVE TOY BUYER

MODERN DESIGN NEW PLAPHONES

New Style Plaphones Much in Demand

Gong Bell Line Shows Many Numbers of This Type

HANDPHONE 675

With the assured popularity of the new type telephone, The Gong Bell Mfg. Company show this style of Toy Telephone at various prices. The Patented features involved in these items are controlled exclusively by The Gong Bell Mfg. Co.

The beautiful colors, excellent design and workmanship, make these items well worth your consideration.

1930 CATALOG NOW READY

A new colored catalog is just off the press and it is suggested that you write to The Gong Bell Mfg. Company for your copy.

ANOTHER SURPRISE FOR 1930

Plenty of Color and Action in This New One

Everyone who has seen Hustling Hand Car 415 predicts a great success for it.

HUSTLING HAND CAR 415

Beautiful colors and plenty of action will make this Bell Toy an outstanding feature for the coming year.

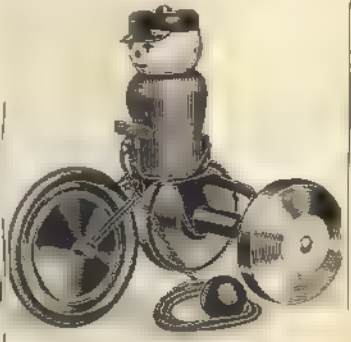
Correct Packing Methods Important

The Gong Bell Mfg. Company consider it just as important to pack their merchandise well as to make it well.

Each item, wherever possible, is packed in an individual colored display box which many customers use for counter and window trim. These boxes must arrive at the customer's store fresh and clean. For this reason The Gong Bell Mfg. Company use strong, clean, corrugated cartons.

Customers Look to Gong Bell Line for Something New

Here is a new number, a funny little fellow on his tricycle, which will bring your sales up and make a name for itself. Every child who has ever had a Kiddy Car or the like will insist upon having a Tricycle Ike Bell Toy and it will cost only fifty cents retail.



TRICYCLE IKE 450

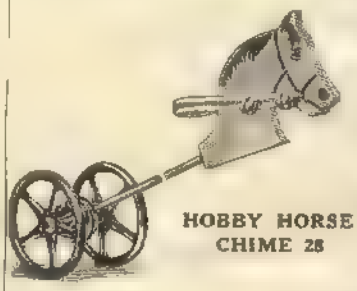
DIAL PLAPHONES IN DEMAND

The ever increasing demands for Dial Plaphones indicate that this Toy is here to stay.

The Gong Bell Mfg. Company have a splendid line of Dial Plaphones. Many are in beautiful colors and all are big values.

HOBBY CHIME IN THE LINE

This new item is a hobby horse, a push chime and a pull chime all in one. It is an item of extreme value which will undoubtedly sell all the year round



HOBBY HORSE CHIME 28

THREE RACERS ALL WINNERS

These three Racing Bell Toys got off to a good start last year and won easily.

ROCKET RACER
No. 410, 19¼ Inches Long

BLUE ARROW RACER
No. 420, 19½ Inches

RINGING RACER
No. 425, 15¼ Inches Long

Reliable Merchandise With a Reputation Repeatedly Reaps Profits

Start your letter right: "I saw your ad in PLAYTHINGS."

G ICE CREAM DIPPERS

IX Retinned, reinforced handle, German silver blade

NO.	Capacity	Wt. Doz.	DOZEN
016	1-16 qt.	1½ lb.	$3.00
012	1-12 qt.	2 lb.	3 00
08	⅛ qt.	2½ lb.	4.00

Qlionrist

Made with thumb to rotate scraper; all working parts not near bowl. Working parts are bronze metal, nickeled; bowl and scraper nickel silver.

NO.	Capacity	Wt.Doz.	DOZEN
24	24	lb.	$38.00
20	20	lb.	38.00
16	16	lb.	38.00
12	12	lb.	38.00
8	8	lb.	38.00

DISHER

Benedict Indestructo

Chrome plate, bakelite handle. Simple, speedy, easy to operate and clean. Sliding cam movement. Spring quickly cleaned or removed

NO.	Capacity	Lbs Doz	DOZEN
6-10	10	12	$33.00
6-12	12	12	33 00
6-16	16	12	33 00
6-20	20	12	33.00
6-24	24	12	33 00

ICE CREAM SPADES

Solid nickel silver. Hard rubber handle moulded on shank.

NO.	Lgth. In.	lb Doz.	DOZEN
299	10	8	$21.00
300	14	10	22.65

One dozen in a carton.

ICE TONGS F

Wire family tong.

NO.	Opens In.	Ht. In.	lb Cap.	lb Doz.	DOZEN
694	14	13½	100	6	$2.50

All wire restaurant or confectioner tong.

NO.	Opens In.	Ht. In.	lb Cap.	lb Doz.	DOZEN
695	15½	14½	200	7	$4 00

One dozen in a carton.

A strong family tong of ⅜x⅜-in. steel.

NO.	Opens In.	lb Doz.	DOZEN
350	12	13	$6.00

Boston pattern; painted red; swelled handles.

Boston pattern; painted red; swelled handles.

NO.	Opens In.	lb Doz.	DOZEN
1-14	14	35	$25.00

Packed in bulk.

ICE TOOLS

ICE TONGS

Cincinnati Patent Link

Tempered Steel Arms; Best Tool Steel Points.

F NO.	Opens	Wgt. Doz.	DOZEN
550-10	10 in.	27 lb.	$30.00
550-12	12 in.	28 lb.	32.00
550-15	15 in.	30 lb.	34.00

PACKED AS WANTED

Lowering or Hoisting

Hollow Handle—Wagon

Tool steel points ⅝-inch wide; for hoisting and lowering in small head room.

F NO.	Opens	Wt. Each	EACH
571	17 in.	5½ lb.	$5.00
570	24 in.	6½ lb.	6.00

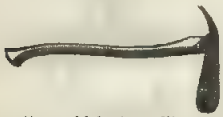
Hollow Handle—Wagon

Boston pattern; tool steel points and bows; points ¾ inch wide.

F NO.	Opens	Wgt Doz.	DOZEN
542-13	13 in.	32 lb.	$50.00
542-14½	14½ in.	37 lb.	51.00
542-16½	16½ in.	42 lb.	52.00
542-20	20 in.	55 lb.	54.00

PACKED AS WANTED

ICE AXE

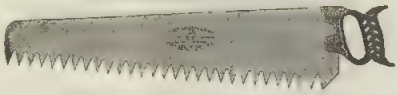


Chicago pattern; highest quality steel blade, pick point; select handle. For wagon work.

F NO.	Size In.	Handle In.	lb Doz	DOZEN
F-805	2½x8	30	51	$90.00

ONE HALF DOZEN IN A CASE

ICE SAWS



Wagon

This wagon saw has the highest grade cast steel blade, malleable iron handle, polished.

NO.	Lgth. In	lb Each	DOZEN
73-24	24	3	$40.00
73-26	26	3½	44.00

THIRD DOZEN IN A BUNDLE

ICE CHIPPERS

Has 4 pts., pipe handle, hollow ring, beveled both sides.

F NO.	Length	Blade	Wt. Each	EACH
649C	3 ft. 1 in.	7½x4¾ in.	4 lb.	$5.00

Has 5 points, knob pipe handle, beveled both sides.

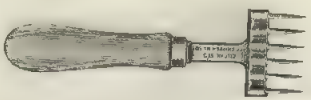
F NO.	Length	Blade	Wt. Each	EACH
649E	4 ft.	8½x6 in.	5½ lb.	$7.00

Heads packed six in a carton.

White Mountain

This ice chipper cuts the ice easily and quickly and of the right size for quick freezing. Length 9 inches.

F NO.	Wt. Doz.	DOZEN
1	16 lb	$14.00



Made of malleable iron, tinned; needle points of best crucible steel, hardened and tempered. Hardwood handle.

NO.	Size	Wt. Doz.	DOZEN
50	9¼x2½ in	4½ lb.	$6 50

IRRESISTIBLE DEMAND FOR IDEAL RUBBER ARM DOLLS

increased the doll business of those progressive merchants who showed them

For 1930—

NEW MODELS with rubber arms and legs—

New Tickletoes and Flossie Flirt Dolls

—sweeter than ever—

will be shown at the Chicago Toy Fair
April 28th to May 10th at

MORRISON HOTEL—ROOM 425

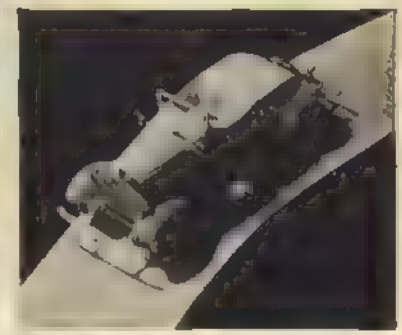
IDEAL RUBBER ARM DOLLS ARE FULLY PROTECTED BY PATENTS

IDEAL NOVELTY & TOY CO.

273-299 VAN SINDEREN AVE., BROOKLYN, N. Y.

New York Showrooms: 221 Fourth Avenue (Cor. 18th St.)

We will appreciate your courtesy in mentioning PLAYTHINGS.



RATHER TOUGH on JUNIOR

. . . . . but great stuff for the toy business!

YOU know most Dads are only a few years removed from the "dirty knees" age, if they would only admit the truth. But whether they admit it or not, their toy purchases prove it...and that's what interests you...and us.

KILGORE designers recognize that irrepressible urge among parents to "show the children how it runs." That's why you'll find so many interesting playthings in the line. And KILGORE Toys are as inexpensive as they are durable and colorful, because we realize that Dads and Mothers want to buy them often. There are scores of toys for girls and boys to retail at 10c, 25c, 50c and $1.00 and there are many interesting sets at 50c and $1.00. Ask your jobber about KILGORE Toys... or send direct for literature.

Here's the T. A. T. Plane, an exact replica. Up in the corner you see the Roadster, a handsome toy. Both retail for $1.00 ..both are remarkable values. And how they are selling!

THE KILGORE MFG. COMPANY

Division of American Toys, Inc.

LANCASTER, PA. WESTERVILLE, OHIO

New York Sales Offices and Display
450 Fifth Ave., Bldg., 200 Fifth Ave.
J. Warren Wiley, Representative

Canadian Division
Kilgore Manufacturing Co.,
of Canada, Waterloo, Quebec

KILGORE

YEAR 'ROUND TOYS FOR GIRLS AND BOYS

Start your letter right: "I saw your ad in PLAYTHINGS"

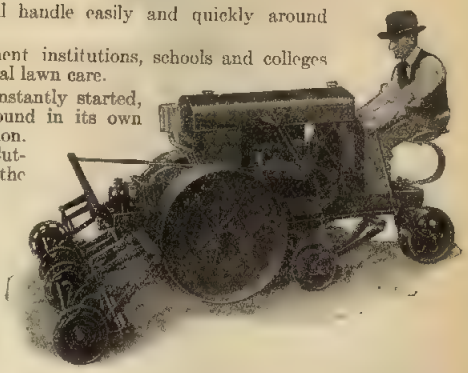
Ideal Triplex Mower

A Complete Tractor Mower for the Finest Large Lawns

The only big capacity mower that will handle easily and quickly around trees, shrubbery, walks, drives, etc.

For large estates, capitols, government institutions, schools and colleges it solves the problem of quick economical lawn care.

Simple, responsive control. Can be instantly started, stopped, backed up and will turn around in its own length. Two levers control its operation. Foot throttle controls speed of engine. Cutting units can be lifted completely off the ground for passing to and from work, over drives, etc.



Specifications

Motor—Four cylinder, 15 H.P.
Cutting Units—3 Bulldog Type "H.C."
Total Width of Cut—84 inches
Cutting Capacity—3 to 4 acres per hour.
Net Weight—2,100 pounds.
Shipping Weight—2,300 pounds.

Price	$1,250.00
Extra each for additional cutting units	95.00
Extra for rubber tire attachment for moving mower on pavement or roadways	125.00

Ideal Golf Cart

A necessity on golf courses, parks or any large grass area. Used for hauling dirt, compost, tools, etc.

Wide 10-inch crown wheels cannot injure the turf. Dust proof box. Carries 1½ ton load. Tractor hitch.

Specifications

Capacity—30 cubic feet.
Wheels—36 inches high, 10 inch crown.
Full Steel Chasis.
Furnished with choice of plain or roller wheel bearings.

Price (Plain Bearings)	$100.00
Price (Roller Bearings)	115.00

Ideal Roller Greens Mower

For the Finest Greens

Built to greenkeeper's specifications.

The lightest and easiest running putting green mower on the market.

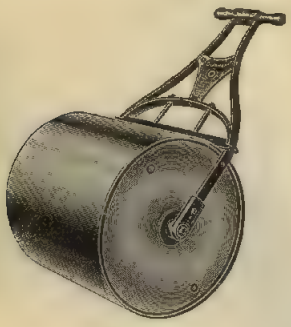
Side frame and drive roller of aluminum. High grade ball bearings throughout. Simple positive adjustment. Easily sharpened.

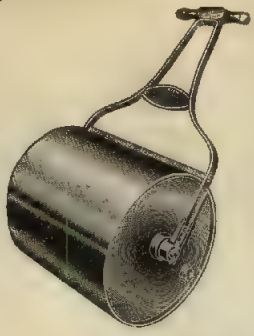
Specifications

Width of cut—18 inches.
Weight—47 lbs. With grass catcher 54 lbs.
Furnished complete with grass catcher, deflector and rubber tired carrier.

Price, Mower	$62.00
Price, Grass catcher extra	6.00
Price, Rubber Tired Carriage, extra	4.00

Dunham Water-Weight Rollers





Roller Bearings

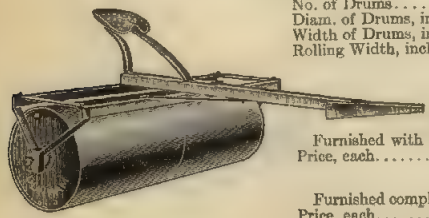
No	Diam. Inches	Length Inches	Sections	Approx. Weight Empty Lbs.	Filled with Water Lbs.	Price Each
5	18	24	1	85	265	$20.00
7	24	24	1	110	420	23.00
9	24	32	1	130	565	26.00

Plain Bearings

No.	Diam Inches	Length Inches	Sections	Approx. Weight Empty Lbs.	Filled with Water Lbs.	Price Each
2	14	24	1	68	175	$13.50
4	18	24	1	82	265	16.00

Counterweights can be furnished for above Rollers only.

Dunham Water-Weight Horse and Tractor Rollers



No. of Drums..... 2
Diam. of Drums, inches.....23¼
Width of Drums, inches 35
Rolling Width, inches.....70½

Weight Empty, pounds..... 372
Weight Filled with water, pounds.....1405
Weight Filled with Sand, lbs..2193

Tractor Roller

Furnished with Draw Bolt for Tractor.
Price, each.....$100.00

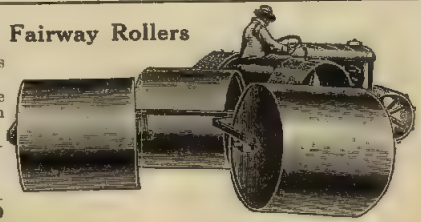
Horse Roller

Furnished complete with Shafts.
Price, each..... 100.00

Dunham Water-Weight Fairway Rollers

Drums are made of 3/16-inch boiler plate, seamless acetylene welded.

Heads are made of 12 gauge steel. Axle shafts are 1½ inch diameter. Frames are of 3 x 2 x 3/16 inch angle iron. Each drum has two 1-inch bronze plugs.



Diam. Drum. Inches	Length Drum. Inches	Sections	Approx. Weight Empty Pounds	Filled with Water Pounds	Price Each
36	36	3	1300	5000	$200.00

Rollers weigh 50% more when filled with sand. Water is more convenient.
All Dunham Rollers are Painted Green on Body and Ends with Red Handles and Always Bear the Name Dunham

Counting Machines

Model "A" Redington Counter

Recommended for punch presses, screw machines, packing machines, etc., and for general use. Arrangement of flanges at back and bottom simplifies installation on any machine. Operated by movement of ratchet lever through an arc of about 45°. Operates at any speed up to 400 per minute. Easily set back to zero. A very durable and reliable counter—constructed entirely of steel.

Weight boxed for shipment, 23 oz.

Size, inches 3¼x2½x2⅛

Model A. Price, each $6.25

Model "L" Redington Counter

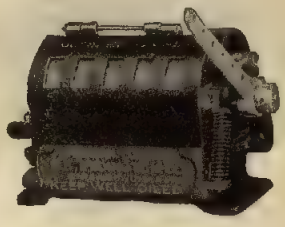
Same durable counter as the Model "A" but equipped with lock and two keys. As on the Model "A" figures are easily read because of contrast with black body of counting machine. Intended for plants operating on a piece work basis or under other conditions making necessary a counting machine which cannot be tampered with by unauthorized persons. Windows are celluloid.

Weight boxed for shipment, 23 oz.

Size, inches 3¼x2½x2⅛

Model L. Price, each $7.25

No. 1 American Counter



A large rugged counting machine constructed entirely of cast and malleable iron and steel parts. Recommended for use on the largest and heaviest presses, shears, can machines, and heavy duty operation in general. Easily installed through flanges on back and bottom. Figures are easily read, being ½ inch in height. Speeds up to 175 per minute. Readily reset to zero.

Weight boxed for shipment, 4½ lbs.

Size, inches 6x3½x3

No. 1 American. Price, each $8.25

No. 2 American Counter

Same large, durable easily read counter as the No. 1 but also has lock and two keys and glass window. Used in plants operating on a piece work basis or under other conditions making necessary a counting machine which cannot be tampered with by unauthorized persons. Like the No. 1 it is operated by the movement of the ratchet lever through an arc of about 45°.

Weight boxed for shipment, 4½ lbs.

Size, inches 6x3½x3

No. 2 American. Price, each $9.75

Standard Model A Geared Counter

Size 2½x4 in. Registers 100,000 Standard construction—only thirteen working parts. Tested to run 20,000 per hour. Quickly reset.

Steel Shaft, Steel Dogs, Steel Ratchet, cannot skip or repeat.

Model A five wheel, reset	$8.00
With Padlock	8.50
With handle on left	8.50

Veeder Set-Back Counters

With from Three to Ten Figure Wheels reset to zero by turning knob.

Revolution Counter

Registers one for each revolution which records an operation of a machine.

Rotary Ratchet Counter

Counts reciprocating movements of the lever, which correspond to the operations of the machine.

Prices with Four Figure Wheels

Revolution Counter. Price, each	$11.50
Ratchet Counter. Price, each	10.00
With Lock and Key to prevent tampering, extra	2.00

No. P3 Veeder Revolution Counters

This counter has five figures and flange case, also projecting shaft on the left. Adds one for every complete revolution of the shaft forward and subtracts one for each complete backward revolution.

Contains no springs. First ring is operated by a positive mechanism which starts it in motion slowly; gradually accelerating, and then again gradually bringing it to a stop.

In this type of counter a pivoted link is used instead of a sliding movement, thereby avoiding friction and wear.

Shown one-half size.

No. P3. Price, each . . . $2.25

No. Z13 Veeder Reset Ratchet Counters

This counter indicates one for each oscillation of the lever, which moves through an angle of 45 degrees. It can be reset to zero by one turn of the knob.

The counter can be furnished with the drive shaft projecting either on the right or left hand side as may be desired and with three, four or five figure wheels.

This counter is regularly equipped with a spring to return the lever to its operating position; but can be omitted if so desired. This counter should never be oiled.

No. Z13. Price, each . . . $6.00

No. Z13K, equipped with Pin Tumbler Lock and Two Keys. Price, each . . . $8.00

No. 21 Veeder Speed Counters

No. 21 records R.P.M. of engines, motors, etc.

Tip is held against center of shaft or flywheel. Pressure is applied to start; released to stop. Clutch works instantly.

No. 21, with 2 Rubber Tips. Price, each . . . $3.60

Veeder Set-Back Hand Tallys

Can be quickly set to zero by one turn of the knob. The case is small and has been designed with rounded corners so as not to irritate the hand, nor wear the pockets. Finger ring has been located so it can be held in either hand.

Price, each . . . $5.00

Benton Tally Register

		Price, each
No. 00.	Records to 100.	$3.25
No. 0.	Records to 1,000	4.00
No. 1.	Records to 10,000	5.25

Last Word Test Indicators

Sensitive
Accurate

Model F

These indicators test the truth of lathe centers, arbors, cutters, gears, etc. Rechucks a gear or other work dead true. Tests alignment of drill press table with spindle. Sets tail center in alignment with head center.

Reversable Action, Universal Shank. Swiveling Tubular body. Detachable ratchet joint contact piece.

Price with Surface Gauge Button

Model	Lever	Range Inches	Mag. Power	Price Each
B	Friction	0 40	60	$12.00
C	Joint	0.25	110	13.00
D	Plain	0 25	95	12.00
D10		0.24	300	35.00
F		0 30	90	15.00

Universal Shank, Extra. $1.50
Gooseneck Shank, Extra 1.00

INGERSOLL WATCHES

J

OPEN FACE, STEM WIND AND SET

Midget Radiolite

Midget (Plain Dial)

Midget Radiolite

The Midget with Radiolite dial and hands. Tells time in the dark.

NO.	Size	EACH
Midget Radiolite	10	$3.75

Midget (Plain Dial)

NO.	Size	EACH
Midget	10	$3 25

Waterbury

Waterbury Radiolite

A jeweled watch at an economy price. Stamina plus style; four jewels.

NO.	Size	EACH
Waterbury	12	$4.50

Waterbury Radiolite—Jeweled

Luminous hands and figures. Tells time in the dark "Silver" dial

NO.	Size	EACH
Waterbury Radiolite	12	$5.50

PB

GB

POCKET BEN

Full nickel plated, with plain Arabic figured dial, oval bow. Packed in attractive box. Guaranteed by us and the manufacturer to keep good time.

NO.	Old No.	EACH
620	PB	$1 50

POCKET BEN LUMINOUS

Same style and size as Pocket Ben, but has black dial, luminous figures and hands.

NO	Old No.	EACH
630	GB	$2 25

DAX

Nickel plated case, with plain arabic dial.

NO.	EACH
Dax	$1.25

INGERSOLL DISPLAY ASSORTMENT

DISPLAY ASSORTMENT

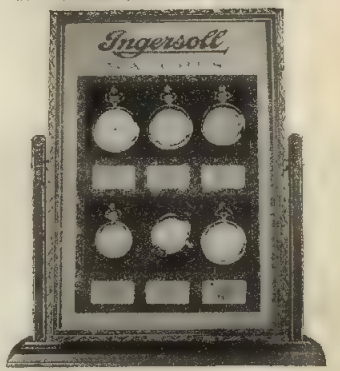
Assortment consists of -

3 Yankee Watche	$1 5
1 Eclipse Watch	2 50
1 Junior Watch	3 25
1 Midget Watch	3 25
1 Waterbury Watch	4 50
1 Wrist (plain) Watch	3 50
1 Radiolite Yankee) Watch	2 25
1 Junior (Radium, Watch	4 00
1 Wrist (Radium) Watch	4 00
1 Reliance Watch	6 00
12 Watches of a selling value of....	$37 75

Counter case of wood, metal und glass; mahogany finish Velveteen tray, removable. Height, 13⅝ in. A high grade silent salesman.

NO.	ASSORTMENT
7C Assortment Complete	$37.75

GOLD FRAME 12 WATCH ASSORTMENT



A permanent display. Six dummy watches mounted on gold frame fixture. Assortment consists of:

Sells for Each		Sells for Each
3 Yankee	$1.50	1 Wrist (plain) $3 50
1 Yankee Radiolite	2.25	2 Wrist Radiolite 4 00
1 Eclipse	2.50	1 Waterbury (Chromium finish 5 00
1 Junior	3 25	1 Waterbury Radiolite (Nickel finish 5 50
1 Midget	3 25	

NO	EACH
6G-F	$37 75

J CLOCKS

Westclox—Tiny Tim—No Alarm

A handy little timekeeper, without alarm, for home, office or travel. Stands 2¾ inches high.

NO.	Old No.	Finish	EACH
500	TTN	Nickel	$2 50
505	TTW	Walnut	2 50
503	TTR	Old Rose	2.50
504	TTY	Yellow	2 50
502	TTG	Green	2.50
501	TTB	Blue	2.50

AMERICA

America is a top bell Westclox, 6¼ inches high. Highly finished case, of nickel plated, specially made West Virginia tin plate, 3⅜-inch Arabic dial with alarm indicator, 2¼-inch top bell, steady alarm—32-hour light running movement, rustproof hairspring, needle-fine polished pivots, easy winding keys.

NO.		Color	Lbs. Doz.	EACH
20	**America**	Nickel	14	$1 50
41	**America**	Blue	14	1 50
42	**America**	Green	14	1.50
43	**America**	Red	14	1.50

AMERICA LUMINOUS

NO.		Wt. Doz.	EACH
30	**America Lum...**	14 lb.	$2.25

Fifty in a case; weight 75 pounds.

NOTE—All Westclox Clocks and watches, plain and luminous dials, may be assorted to obtain quantity prices. Full freight allowed on orders weighing 100 lb or more, shipped from the factory.

New Haven—Traveler—No Alarm

Metal case; octagon shape; nickel plated; silvered dial with radium figures and hands. Dial 1¼ inches; stands 1⅝ inches high.

NO.		EACH
Traveler		$4 50

One in a box.

MONITOR

Top bell, steady alarm; nickel plated case, 6¼ in. high; Arabic dial with alarm indicator; 32-hour light running movement.

NO.		Finish	Color	Lb. Doz	EACH
80	**Monitor—N**	Nickel		14	$1.25
82	**Monitor—G**	Green			1 25
84	**Monitor—Y**	Yellow			1.25
83	**Monitor—R**	Red			1.25
81	**Monitor—B**	Blue			1.25

Fifty in a case; weight 75 pounds.

Ingersoll Alarm Clocks— STURDY BUILT AND DEPENDABLE

They're Good Today and Every Day

PRICES ARE NET CASH

INGERSOLL ALARM CLOCK. A reliable low price clock, made with heavy seamless case, with roll edge front. Fitted with alarm bell at top, silent switch on side, setting devices in the back. Each with resale tag. Stands 5¾ in. high. Offered in various popular colors, and also in high polished nickel plate.

No. 5081 Nickel, each ..... .79
No. 5082 Colored, each ..... .85

INGERSOLL ALARM CLOCK. Neat design, seamless case with roll edge front. Bell and setting devices in the back, with silent switch on the side. Height 7 1/16 in. Fitted with very loud alarm. Furnished in nickel or popular colors; green, blue, cherry, lavender, etc., in crystal finish.

No. 5085 Nickel, each 1.10
No. 5086 Colored, each 1.10

INGERSOLL RADIOLETTE ALARM CLOCK. Stands 6-1/16 in. high, seam, with roll rim front, and very attractive dial, with radium numerals and hands. Loud bell and setting devices in the back, alarm switch on the side. Furnished in polished nickel or popular colors, blue, green, cherry, etc. Crystal effect surface. Very neat.

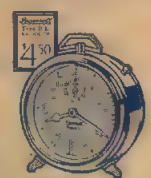
No. 5087 Nickel, each 1.35
No. 5088 Colored, each 1.35

INGERSOLL "POPULAR" ALARM CLOCK. Heavy seamless case with roll edge front. Has intermittent alarm bell and setting devices in the back. It is a very sturdy built clock, of popular design. Silent switch on side. Rings, stops and repeats. Each has resale price tag. Fancy gilt finished dial; easily read. In full nickel finish or popular colors.

No. 5093 Nickel, plain 1.35
No. 5094 Colored, plain 1.35
No. 5095 Nickel, radium 1.60
No. 5096 Colored, radium 1.60

INGERSOLL ALARM CLOCK. Stands 5⅞ in. high. Heavy seamless case, molded design, with alarm bell and setting devices in the back. Has silent switch on side. Each with resale tag. Fitted with reliable time keeping one-day movement. The alarm is intermittent; stops, starts and repeats. Richly finished dial. Comes in popular colors, blue, red, cerise or nickel.

No. 5079 Nickel, plain 1.68
No. 5080 Colored, plain 1.68
No. 5083 Nickel, radium 2.04
No. 5084 Colored, radium 2.04



INGERSOLL ALARM CLOCK, "MIDGET" size, stands 3½ in. high. Has molded design seamless case and loud alarm bell in the back with setting devices. Silent switch on the side. Dial with clearly legible numerals. Furnished in polished nickel plate, or colors green, blue, cerise, lavender, etc. Has loud pulsating intermittent alarm.

No. 5089 Nickel, plain 1.68
No. 5090 Colored, plain 1.68
No. 5091 Nickel, radium 2.04
No. 5092 Colored, radium 2.04

Ingersoll Free Showcase Deal

The showcase is given free with an order for twenty-four clocks, assorted. Your choice of styles selected from this page. The showcase is made of metal in rich mahogany finish and holds five clocks. It offers a very handsome display when placed on top of your showcase, and will be a silent salesman for you for this line. It is not a cheap claptrap box, but a "real" nicely finished display case.

PLANES

STANLEY-GAGE

SELF-SETTING

The relation of the edge of the steel cap to the edge of the iron is automatically adjusted when setting the plane for coarse or fine work. After the plane iron and cap are once set they can be removed and replaced in exactly the same position. The steel cap on the lever can be adjusted to the cutting iron to make either a single or double iron as desired for fine or rough work. The cutter is held so rigidly that it will not chatter. The frog is fitted to the plane and then permanently attached so that a continuous cutter seat is obtained to the plane mouth. The handles and knobs are made of rosewood

IRON

Smooth.

No. G3. 8¾ inches long, 1¾ inch cutter. Wt. each, 2¾ lbs ....Each $5 15

No. G4. 9 inches long, 2 inch cutter. Wt. each, 3 lbs.....Each $5 60

Jack.

No. G5. 14 inches long, 2 inch cutter. Wt, ea 4 lbs .... Each $6 40

Fore.

No. G6. 18 inches long; 2¼ in. cutter. Wt. each, 5¾ lbs.....Each $8 10

Jointer.

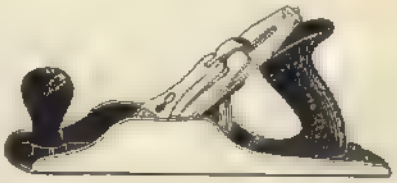
No. G7. 22 in. long, 2½ in. cutter Wt. each, 6½ lbs .. .... Each $9 30

All above, one in a box.

STANLEY PLANES

BAILEY

PRESSED STEEL



These planes are the regular Stanley Bailey" type bench plane; have malleable iron frog and lever cap with steel base. Rosewood Knob and Handle.

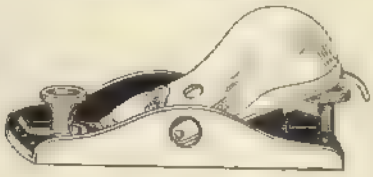
No. S4—Smooth. 2 inch cutter; 9 inches long. Wt., 3⅛ lbs..Each $4 85

No. S5—Jack. 2 inch cutter; 14 inches long. Wt, 4 lbs...Each $5 55

BLOCK PLANES

BAILEY

PRESSED STEEL



Knuckle Joint

Adjustable throat; cutter adjustable endwise and sidewise; cutter rests on its seat at an angle of 20°; steel lever cap which snaps into position and locks the cutter when replaced

No. S18. 1⅝ inch cutter, 6 ins. long Wt ea., 1¼ lbs ... .Each $3.00

IRON

Adjustable Throat; Cutter Adjustable Endwise and Sidewise.

No. 9½. Length 6 inches; cutter 1⅝ inches; japanned trimmings. Wt. each, 1½ lbs. .....Each $2 45

No. 15. Length 7 inches; cutter 1⅝ inches; japanned trimmings. Wt. each, 1⅞ lbs. .....Each $2 75

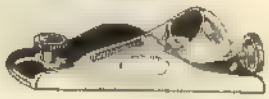
No. 16. Length 6 inches; cutter 1⅝ inches; nickel trimmings. Wt. each, 1½ lbs. .....Each $2 80

All above, one in a box.

BLOCK PLANES

STANLEY

IRON



Low Angle.

Cutter adjustable endwise; cutter rests on its seat at an angle of only 12 degrees, permitting great ease in working across the grain on hard woods. They have adjustable throats which allow the opening or closing of the mouth as close or fine work may require.

No. 60. Length 6 inches; cutter 1⅝ inches; nickel trimmings. Wt. each, 1⅛ lbs. .....Each $2 85

No. 60½. Length 6 inches; cutter 1⅝ inches; japanned trimmings. Wt. each, 1⅛ lbs. .....Each $2 60

No. 65. Length 7 inches; cutter 1⅝ inches; nickel trimmings. Wt. each, 1⅝ lbs.....Each $3 40

Heavy Low Angle.

Especially adapted for use in cutting across the grain on heavy work, where more power is required than can be obtained by use of the ordinary block plane. Fitted with rosewood handle and knob, and designed to be operated with both hands. Adjustable throat.

No. 62. Length 14 inches; cutter 2 inches; nickel plated trimmings. Wt., ea., 3¾ lbs .....Each $6 70

BAILEY

IRON

Knuckle Joint.

Adjustable throat; cutter adjustable endwise and sidewise; cutter rests on its seat at an angle of 20°; the knuckle joint in the cap makes it a lever to clamp the cutter in its seat.

No. 18. Length, 6 inches; cutter, 1⅝ inches; nickel trimmings. Wt. each, 1½ lbs.....Each $3 05

All above, one in a box.

BLOCK PLANES

STANLEY

IRON

Not Adjustable.

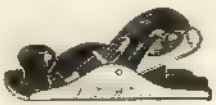
No. 101. Length, 3½ inches; cutter, 1 inch Wt. ea., ⅝ lb.....Each $0 50

Not Adjustable.

No. 102. Length, 5½ inches; cutter, 1⅝ inches. Wt. each, ⅞ lb. Each $0 90

Lever Adjustment.

No. 103. Length, 5½ inches; cutter 1⅝ inches. Wt. each, ⅞ lb. Each $1 30



Not Adjustable.

No. 110. Length, 7 inches; cutter 1⅝ inches. Wt. ea., 1⅜ lbs. Each $1 25

Adjustable.

No. 220. Length, 7 inches; cutter, 1⅝ in. Wt. ea. 1¼ lbs....Each $1 85

DEFIANCE

STEEL

Not Adjustable

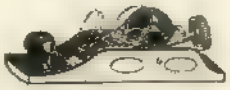
Cutter seat and handle are one piece, electrically welded to the base. Japanned finish.

No. 1245. Length 6¼ ins.; cutter 1½ ins Wt. doz., 6½ lbs..Each $0 60

All above, one in a box.

BLOCK PLANES

STANLEY



Double Ender. Adjustable.

Has two slots and a movable cutter seat. When it is desired to use it as a bull-nose plane, cap and cutter can be removed and adjustable cutter seat reversed as indicated in cut. Rosewood Knob

No. 131. Length, 8 inches; cutter, 1⅝ ins Wt. ea., 1¾ lbs.....Each $3 00

SCRUB PLANES

STANLEY

User can quickly plane down to a rough dimension any board that is too wide to conveniently rip with a hand saw, an operation that is sometimes called "hogging." This is made possible by reason of the peculiar shape of the extra heavy cutter, the cutting edge of which is rounded instead of square. Handles and knobs of beech.

No. 40. Length, 9½ inches; 1¼ inch cutter; japanned. Wt. each, 2⅛ lbs. .....Each $2 65

CIRCULAR PLANES

STANLEY

Has flexible steel face which can be accurately adjusted for planing the inside or outside of circles. The cutter is adjustable endwise and sidewise. The face is fastened at its center to the plane body, and adjusted at the end by means of a screw and levers. A valuable feature is the graduated scale for setting the face.

No. 113. Japanned; length, 10 inches; cutter, 1¾ inches. Wt. each, 3¾ lbs ....Each $8 85

All above, one in a box.

RABBET AND BLOCK PLANES

STANLEY

Detachable Side.

Easily changed from a block plane to a rabbet plane, or vice versa; cutter is adjustable endwise and set on a skew. Nickel plated trimmings, rosewood knob.

No. 140. Length, 7 inches; cutter, 1¾ ins. Wt. ea., 1⅝ lbs.....Each $3 20

BULL NOSE RABBET PLANES

STANLEY

Very useful for working close up into corners or other difficult places. Adjustable throat

No. 75. Length, 4 inches; cutter, 1 inch; japanned trimmings. Wt. each, ⅝ lb. .....Each $0 90

IMPROVED RABBET PLANES

STANLEY

Iron Stock, Japanned.

Will lie perfectly flat on either side and can be used with right or left hand equally well while planing into corners or up against perpendicular surfaces; fitted with spur which permits working across the grain. Detachable Depth Gauge

No. 190. Length, 8 inches; cutter, 1½ inches. Wt. each, 2½ lbs..Each $3 50

No. 191. Length, 8 inches; cutter, 1¼ inches. Wt. each, 2¼ lbs..Each $3 30

No. 192. Length, 8 inches; cutter, 1 inch. Wt. each, 2 lbs.....Each $3 10

All above, one in a box.

BICYCLES

IVER JOHNSON

The Iver Johnson bicycle is built to give extra long, unfaltering service, under any and all conditions, with no trouble or annoyance of broken parts due to poor materials or faulty construction. It is built to give lasting riding satisfaction.

Models 87M and 18M.

Model 87K.

Models 87H, 18H and 16H.

MOBICYCLE. MODEL 87M

Latest design; finds great favor with youngsters who do not object to little additional weight to get a bicycle built along motorcycle lines, with features similar to the power driven machine.

Frame—Mobicycle; oxidized silver name plate; height, 18 or 20 inches at seat post; color, blue with white head, full nickel crown, wheels, 28 inches with steel rims, striped; tires, Fisk cord 1½ inches; coaster brake, Morrow, gear, 73 (26 and 10); chain, roller, 3/16 inch, 1 inch pitch; cranks, 7 inches; pedals, rubber; handle bar, No. 82 with forward extension, long bulldog grips; saddle, Motobike, No 43; fork, detachable truss, full nickel; stand, rolled steel, motorcycle type.

No. 87M-18. Wt. each, crated, 72 lbs. ..... Each **$60 00**

No. 87M-20. Wt. each, crated, 75 lbs. ..... Each **$60 00**

Note—In ordering No. 87M be sure to specify whether 18 or 20 inch size is wanted.

MOBICYCLE. MODEL 87K.

Same bicycle as Model 87M but equipped with rear carrier, horn, electric light and tank for holding two No. 6 dry cells.

No. 87K. Wt. ea. crated 78 lbs. ..... Each **$65 00**

Specify whether 18 or 20 inch.

MOBICYCLE. JUVENILE MODEL 18M

Exactly the same construction as Model 87M, with some changes in dimensions. Frame, Mobicycle: Oxidized silver name plate; height 16 inches at seat post; color, blue with white head; full nickel crown; wheels 26 inches with steel rims, striped; Fisk cord tires, 1½ inches; Morrow coaster brake; gear, 64 (22 and 9); chain, roller 3/16 inch, 1 inch pitch; cranks 5½ inches; pedals, juvenile rubber; handle bar No. 82 with forward extension; long bull dog grips; Scout saddle No. 51, with tilting clamp, fork, detachable truss, full nickel; rolled steel stand, motorcycle type.

No. 18M. Wt. ea. crated 55 lbs. ..... Each **$50 00**

DROP BAR ROADSTER. MODEL 87H

The upper tube is dropped 2 inches at the saddle post, thus making this full size bicycle available for the rider who otherwise would be unable to reach the pedals of a regular straight frame. Just the model for persons of short stature, as well as those desiring a rakish looking bicycle. Frame, drop bar; oxidized silver name plate, height, 18 inches at seat post; color, blue with white head, full nickel crown; wheels, 28 inches with steel rims, striped; tires, Fisk cord, 1½ inches, coaster brake, Morrow; gear, 73 (26 and 10); chain, roller 3/16 inch, 1 inch pitch, cranks, 7 inches; pedals, rubber; handle bar, No 62, 22 inches with forward extension; saddle, Motobike No. 43 Rolled steel stand, motorcycle type.

No. 87H. Wt. each, crated, 70 lbs. ..... Each **$50 00**

BOY SCOUT. MODEL 18H

This is a man's bicycle in every way, but of somewhat reduced size to accommodate boys not quite large enough to reach the pedals of regular ones, the upper tube is dropped in a graceful curve at the saddle post without shortening the head, which gives it snappy lines, the growing boy can ride it without the appearance of having outgrown his bicycle. Frame, drop bar; oxidized silver name plate; height, 16 inches at seat post; color, blue with white head, full nickel crown, wheels, 26 inches with steel rims striped, tires, Fisk juvenile; coaster brake, Morrow; gear, 64 (22 and 9), chain, roller 3/16 inch, 1 inch pitch; cranks 5½ inches; pedals, Juvenile rubber; handle bar, No 62, 18 inches with direct stem; saddle, Scout No. 46. Rolled steel stand, motorcycle type.

No. 18H. Wt. each crated, 50 lbs. ..... Each **$45 00**

BOY SCOUT JUNIOR. MODEL 16H

A distinctive Juvenile model, constructed in such a manner that the small child can readily reach the pedals, and yet be able to use the same size of frame as larger or older children. The top bar is dropped two inches at the saddle post, and by raising or lowering the saddle it will readily adapt itself to varying ages, and not soon be outgrown. This model is just the bicycle for the small child, as it will withstand hard knocks and rough and tumble usage, and continue to give good service as long as ridden. It is the most economical to buy, as it will outwear several others of cheaper construction Frame, drop bar; oxidized silver name plate; height 14 inches at seat post; color, blue with white head, full nickel crown; wheels, 24 inches with steel rims, striped, tires, Fisk Juvenile; coaster brake, Morrow; gear, 59 (22 and 9); chain, roller 3/16 inch, 1 inch pitch; cranks, 5½ inches; pedals, Juvenile rubber; handle bar, No. 62, 18 inches, with direct stem; saddle, Kiddo Scout, No. 48. Rolled steel stand, motorcycle type.

No. 16H. Wt. each, crated, 50 lbs. ..... Each **$40 00**

BICYCLES

IVER JOHNSON

These bicycles have double loop frames with oxidized silver name plates color is maroon with green head and full nickeled crown; Morrow coaster brakes; 3/16 inch roller chains, 1 inch pitch.

LADIES' ROADSTER. MODEL 87L

Height, 20 inches; wheels 28 inches with steel rims, striped, Fisk cord tires 1½ inch; gear, 68 (22 and 9); cranks, 6½ inches; rubber pedals; No 92 handle bar with direct stem, No. 50 Diana saddle; rolled steel stand, motorcycle type.

Model 87L. Wt. each, crated, 72 lbs. ..... **Each $55 00**

CAMP FIRE GIRLS'. MODEL 18L

The same high quality and finish as the regular adults ladies models only built on smaller lines to accommodate juvenile riders; the saddle post tubing is shortened while still retaining the long head making a smarter looking bicycle, and at the same time allows the growing girl to ride it several seasons without the appearance of having outgrown it Height, 16 inches; wheels, 26 inches, with steel rims, striped, Fisk juvenile tires; gear, 64 (22 and 9); cranks, 5½ inches; juvenile rubber pedals; No. 62, 18-inch handle bar with direct stem; No. 49 Princess saddle; rolled steel stand, motorcycle type.

Model 18L. Wt. each, crated, 50 lbs. ..... **Each $45 00**

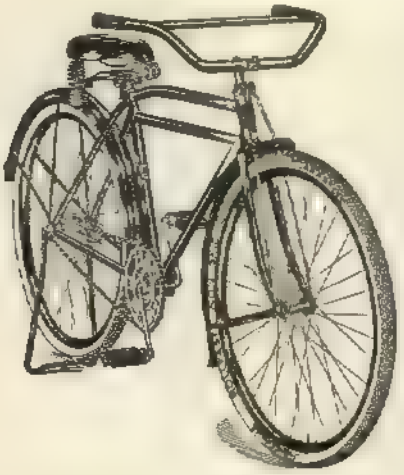
CAMP FIRE GIRLS' JUNIOR. MODEL 16L

Same as Model 18L only smaller, of the same high class quality and finish as the full sized ladies' models. The frame is constructed with the saddle post tubing two inches lower than ordinarily used, and still retaining the long head. This makes a more classy looking bicycle, and one which allows a wide range of saddle adjustments to varying ages. Thus a growing child is still able to use the same machine by simply raising the saddle, without the appearance of having outgrown it. Height, 14 inches; wheels, 24 inches with steel rims, striped, Fisk Juvenile tires, Morrow coaster brake; gear 59 (22 and 9), cranks 5½ inches; Juvenile rubber pedals; No 62, 18 inch handle bar with direct stem; No. 48 Kiddo Scout saddle; rolled steel stand, motorcycle type.

Model 16L. Wt. each, crated, 50 lbs. ..... **Each $40 00**

BICYCLES

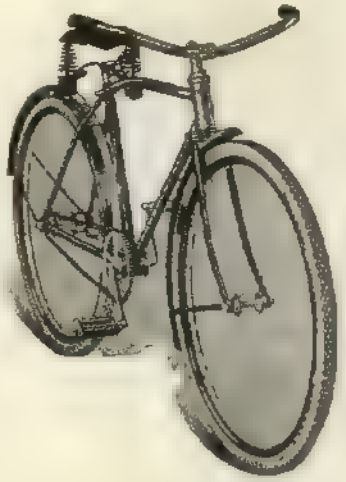
PEERLESS



Motobike Model

Motorcycle style double bar 20 inch frame dropped to 18 inches at the seat; enameled blue with gray head; fork reinforced with double truss rods reaching from the steering head to front axle; 28 inch wheels with steel rims; one-piece drop forged hanger; rubber pedals; Morrow coaster brake; motobike padded saddle; braced handle bars with rubber grips; rear stand, non-skid single tube tires.

No. 854. Ship. wt. 56 lbs. ..... **Each $45 00**



Boys' Juvenile.

Single bar 18 inch frame dropped to 16 inches at seat; enameled blue with gray head; 26 inch wheels with steel rims; one-piece drop forged hanger; rubber pedals; Morrow coaster brake; motobike type padded saddle; juvenile type handle bars with forward extension and rubber grips; rear stand; non-skid single tube tires.

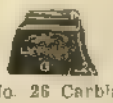
No. 857. Ship. wt. 47 lbs. ..... **Each $40 00**

LYMAN SIGHTS

FOR EVERY PURPOSE AND EVERY GUN

No. 35 Receiver Sight for Mauser Rifle $10 00
No tap and drill needed to mount.

No. 21 Receiver Sight for Marlin 1893, 1895, Winchester 1886, 1892, 1894, and 1895...$ 5 00
No. 38 with Windgauge and Disc 7 00
Tap and Drill for Mounting... 50



No. 26 Carbine Front Sight, $1 00

No. 26 Carbine Front for the Springfield, $1.00

No. 41 Windgauge Receiver Sight for Winchester '95, '05, '07, '10 Marlin '93, 95, Remington Auto. Model 8A $5 50
Tap and Drill.... 50
With Disc 6 00

Showing Bead

Showing Globe

No. 5 Combination Ivory and Globe Front Sight..... $1 75

No. 47 Stem and Disc, $3.50

No. 52A when furnished complete with Base and Knurled Sleeve $7 00

No. 7 Target Windgauge and Pinhead & Aperture, $4 00
(Showing Aper'e)

Both Leaves Turned Down

Using the Crotch

Using the Straight Bar

No. 6 Folding Leaf Sight.....$1 75

No. 4 Hunting Front Sight, $1.50

No. 1A Combination Rear Sight with Locking Feature, $4.50

No. 1 Comb. Rear Sight without Locking Feature, $4.00

No. 2A Comb. Rear Sight with Locking Feature and Disc $5.00

No. 2 without Locking Feature $4 50

No. 1 Combination Rear Sight for Remington Model 12..... .....$4 00
No. 2 with Disc..... 4 50
Similar Sights for Remington 14

No. 3 1-16" Ivory Bead Front, $1.00

No. 28, 3-32", $1.00

No. 20, ⅛", $1.00

No. 17 Target Pinhead and Aperture Front Sight $2.50

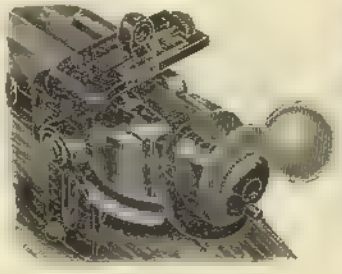
Showing Globe

Showing Bead

No. 5B Combination Ivory and Globe Front Sight $1 75

No. 29½ Combination Rear Sight with Windgauge Adjustment in Base.....$6 00

No. 30½ Combination Rear Sight with Windgauge and Disc. 6 50



No. 34 Windgauge Receiver Sight for Krag-Jorgeson, Remington-Lee, Lee-Enfield and Springfield Rifles $6 50
With Disc 7 00
No. 33 without Windgauge..... 5 00
Tap and Drill. 50

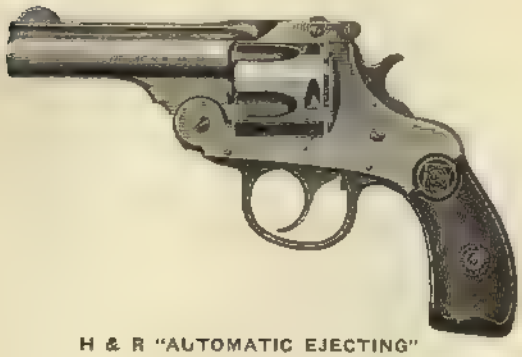
No. 48 Micrometer Windgauge Receiver Sight for Springfield 1903, 1906; Newton & Ross .280 Rifles $11 00
With Disc 11 50
Tap and Drill..... 50

H. & R. REVOLVERS

H & R HAMMERLESS

Cal.	Shots	Weight	2"	3"	4"	5"	6"
22 R. F.	7	13 oz.	$11.00	11.00	11.50	11 75	12 00
32 C. F.	5	13 oz.	11.00	11.00	11.50	11 75	12.00
38 C F.	5	17 oz.		11.00	11.50	11.75	12.00

Walnut or Rubber Target Grips, $1.00 extra.
Pearl Stocks, $2 50 extra.
Nickel or Blued Finish.



H & R "AUTOMATIC EJECTING"

Cal.	Shots	Weight	3¼"	4"	5"	6"
22 C. F.	6	16 oz.	$10.00	10.50	10 75	11.00
38 C F.	6	15 oz.	10.00	10 50	10 75	11 00

Walnut or Rubber Target Grips, $1.00 extra.
Pearl Stocks, $2.50 extra.
Nickel or Blued Finish.

H & R "YOUNG AMERICA"

Cal.	Shots	Weight	2"	4½"	6"
22 R. F.	7	8½ oz.	$5.00	$5 50	$6 00
32 R. F.	5	9½ oz.	5 00	not furnished	
32 C. F.	5	9 oz.	5.00	5.50	6.00

Safety Hammer furnished at same price in 22 R. F. and 32 C. F., 2" barrel only.
Pearl Stocks, $2.50 extra. Loading Gate, 50c extra.
Nickel or Blued Finish.

IVER JOHNSON REVOLVERS

IVER JOHNSON HAMMERLESS

22 calibre, rim fire, 7 shot, 3 inch barrel, nickel plated, 22 short or long cartridges.. .....$13 00

32 calibre, centre fire, 5 shot, 3 inch barrel, nickel plated, 32 Smith & Wesson cartridge..... 13 00

38 calibre, centre fire, 5 shot, 3¼ inch barrel, nickel plated, 38 Smith & Wesson cartridge..... 13 00

EXTRAS—4 inch barrel, 50 cents; 5 inch barrel, $1 00; 6 inch barrel, $1 50; perfect grips, $1 00.

IVER JOHNSON AUTOMATIC HAMMER

22 calibre, rim fire, 7 shot, 3 inch barrel, nickel plated, 22 short or long cartridge.....$12 00

32 calibre, centre fire, 5 shot, 3 inch barrel, nickel plated, 32 Smith & Wesson cartridge 12 00

38 calibre, centre fire, 5 shot, 3¼ inch barrel, nickel plated, 38 Smith & Wesson cartridge..... 12 00

EXTRAS—4 inch barrel, 50 cents; 5 inch barrel, $1.00; 6 inch barrel, $1 50; perfect grip $1 00

I. J. MODEL 1900

22 calibre, 7 shot, 2½ inch barrel . . . . .. $ 6 00
32 calibre, S. & W., 5 shot, 2½ inch barrel.. . . 6 00
38 calibre, S. & W., 5 shot, 2½ inch barrel... .. 6 00

REVOLVERS

IVER JOHNSON—SAFETY HAMMER

22 Caliber, Rim Fire, 7 Shots

NO.	Barrel	Finish	Wt.	EACH
300B	3 in.	Blued	13 oz	$12.25

32 S. & W. Caliber, Center Fire, 5 Shots

NO.	Barrel	Finish	Wt.	EACH
303	3 in.	Nickel	12½ oz.	$12 25
303B	3 in.	Blued	12½ oz.	12 25

38 S. & W. Caliber, Center Fire, 5 Shots

NO.	Barrel	Finish	Wt.	EACH
323	3½ in.	Nickel	17 oz	$12 25
323B	3½ in.	Blued	17 oz	12.25
324B	4 in.	Blued	18 oz.	12 75

Western Model

New model automatic ejecting, Western pattern large walnut grip, checkered, and made from one solid piece of wood, hand finished. Especially modeled for target shooters, sportsmen, police officers, paymasters, night watchmen, etc. Blue finish

Shoots 32 Caliber S. & W. Cartridges

NO.	Caliber	Barrel	Wt.	EACH
364B	32	4 in.	20 oz.	$15 25

Shoots 38 Caliber S. & W. Cartridges

NO.	Caliber	Barrel	Wt.	EACH
374B	38	4 in.	21 oz.	$15.25
375B	38	5 in.	22 oz.	15 75

One in a box.

IVER JOHNSON—SAFETY HAMMERLESS

Double Action

Automatic ejecting, rubber stocks, new improved safety trigger catch.

32 S. & W. Caliber, Center Fire, Small Frame, 5 Shots

NO.	Barrel	Finish	Wt.	EACH
848B	3 in.	Blued	13 oz.	$13.75

38 S. & W. Caliber, Center Fire, Regular Frame, 5 Shots

NO.	Barrel	Finish	Wt.	EACH
353B	3½ in.	Blued	18 oz.	$13.75

One in a box.

AMERICAN BULL DOG

22 caliber, short or long rim fire; 7 shots, nickel plated; 2-inch octagon barrel; small frame; rubber stock.

NO.	Wt. Each	EACH
122	8½ oz.	$6.50

32 Caliber, 6 Shots, Using 32 S. & W. Cartridges

Double Action Center Fire, Octagon Barrel, Rubber Stock.

NO.	Barrel	Finish	Wt. Each	EACH
132	2½ in.	Nickel	16 oz.	$6.50
132B	2½ in.	Blued	16 oz.	6.50

38 Caliber, 5 Shots, Using 38 S. & W. Cartridges

NO.	Barrel	Finish	Wt. Each	EACH
138	2½ in.	Nickel	16 oz.	$6.50
138B	2½ in.	Blued	16 oz.	6.50

One in a box.

J REVOLVERS

DOUBLE ACTION HAMMER

Harrington & Richardson

Double Action, Automatic, Center Fire, Rubber Stock.

32 S. & W. Caliber, 8 Shots

Blued

NO.	Barrel	Wt.	EACH
903B	3½ in.	16 oz.	$12.00

38 S. & W. Caliber, Blued, 5 Shots

NO.	Barrel	Wt.	EACH
228B	3½ in.	15 oz.	$12.00

One in a box.

Harrington & Richardson

Double Action, Center Fire, Rubber Stock.

32 S. & W. Caliber, Blued

NO.	Barrel	Wt.	Shots	EACH
263B	3½ in.	13 oz.	5	$13.00

38 S. & W. Caliber, Blued

NO.	Barrel	Wt.	Shots	EACH
273B	3½ in.	17 oz.	5	$13.00

One in a box.

H. & R.—Heavy Model Trapper

Shoots 22 caliber short, long or long rifle cartridges; 9 shots; gold front sight; checked walnut grip, blued finish. checked walnut grip, blued finish.

NO.	Lgth. Barrel In.	lb Each	EACH
922B	6	1⅛	$10.00

H. & R.—Hunter Model

Shoots 22 short, long or long rifle cartridges; solid frame, blued finish; checked walnut grip.

NO.	Lgth. Barrel In.	lb Each	EACH
2210B	10	⅝	$10.00

H. & R. Single Shot Target

Chambered for .22 short, long or long rifle cartridges, solid frame, blued finish; walnut wood grip.

NO.	Lgth Barrel In.	lb Each	EACH
SS10	10	1¼	$25.00

REVOLVER GRIPS

Pearl

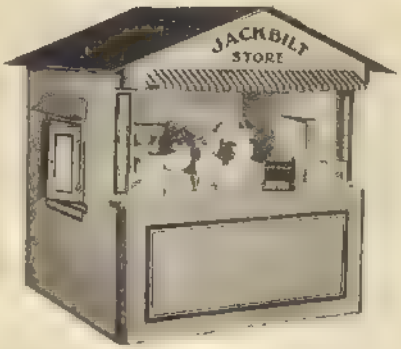
Only the highest quality pearl is used in the making of these grips. Furnished complete with attaching screws.

NO.	For	PAIR
45A	45 Colt Automatic	$12.00
32A	32 Colt Automatic	5.00
25A	25 Colt Automatic	3.50
C.N.S	New Service	11.00
C.A.S.	Army Spcl. & Official Police	7.50
C.P.P.	Police Positive	5.00
1905	S. & W. Military and Police	6.00
1917	S. & W. Military	7.50

Packed bulk.

JACKBILT PLAYTHINGS

For Spring and Summer Sales Leaders



JackBilt Play Store

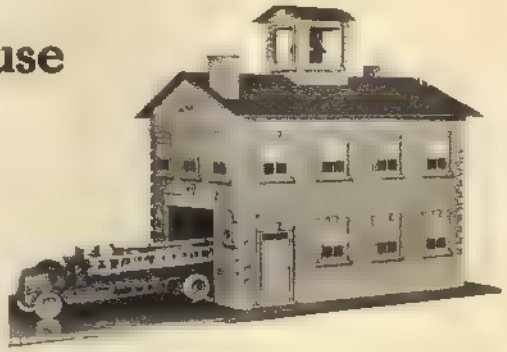
Large enough to hold 2 to 3 youngsters up to 10 years of age. Made of heavy "Fiberhide" Board. Has a large door and 2 windows that can be opened and closed. Equipped with a strong service counter and colorful awnings over windows and counter. Size set up 45" high, 39" wide and 41" long. Shipped K.D., one to a shipping carton, weight 15 lbs.

To retail at $3.00

JackBilt Fire Engine House

The inside wall of this striking number is made of corrugated "Fiberhide," while the outside is of heavy lithographed cardboard. Has cupola with real bell and handy ringing device. Door opener with tilting floor that ejects engine. Size set up 14" high, 11" wide, and 15" long. Shipped K.D., 1 dozen to a shipping carton.

To retail at $2.00



JackBilt Play House

This very popular model is large enough for three to four children. Has a strong floor. Eight windows and a large door, all of which can be opened and closed. Colorful awnings over all windows. Roof has chimney and a large dormer window. Size set up 45" high, 36" wide, 40" long. Shipped K. D., one to a shipping carton. Weight 15 lbs.

To retail at $3.00

***NEW!* JackBilt Fortress**

Three sizes. To Retail at $1.00, $2.50, $5.00

ON DISPLAY AT THE

CHICAGO TOY FAIR

PALMER HOUSE

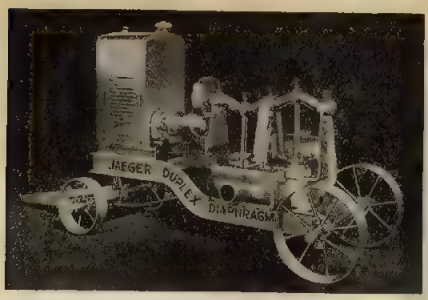
Room 747

Write for Illustrated Catalog

ROCHESTER FOLDING BOX CO.

200 FIFTH AVENUE, NEW YORK

FACTORY, ROCHESTER, N. Y.



Duplex Convertible Diaphragm Pump

Gasoline Engine Driven Trench Pumps

Single and Duplex Diaphragm Type

They give the contractor a self-oiling anti-splash open diaphragm pump and a lift and force pump—at the cost of one pump. They are particularly handy on work where water must occasionally be carried through a hose to some distance, or to a moderate height above the pump.

Single Pumps on Two Steel Wheels

Model	Size Suction	Engine	Gallons Per Hour	Suction Lift	Total Head Feet	Weight	List Price
4YG	4 inch	2½ H P. F. & J Enclosed Type	10000 12000	25	30	930	$397.50
4YL	4 inch	5 H.P Leroi	10000 12000	25	35	1190	577.50

Duplex Pumps on Four Steel Wheels

4YYF	4 inch	3½ H.P. F. & J. Enclosed Type	18000–20000	25	30	1690	$515.00
4YYJ	4 inch	6 H.P. F. & J.	18000–20000	25	35	1720	757.50
4YYL	4 inch	5 H P Leroi	18000 20000	25	35	1750	742.50
4YYK	4 inch	6 H.P. 2 Cyl. Leroi	18000–20000	25	40	1770	825.00

Single and Duplex Plunger Trench Pumps

For combining large capacity, high suction lift and high head with the ability to stand up under long periods of continuous pumping without need for replacement of parts or repairs, plunger trench pumps are ideal. Sand or mud won't clog them—plunger will not wear out in years of service—no diaphragms to replace.

Outside packed plungers simplify maintenance. Any standard packing can be used in the glands. Grease cups hold a week's supply of lubricant. A patented agitator plate keeps sediment moving toward the outlet. As much as five cubic yards of sand, mud and stone have been pumped through the duplex plunger pump in one hour—without clogging or undue wear upon the plungers.

The large ball valves used are especially well adapted to pumping water containing a large amount of solids. Flap valves can be furnished if specified, for special installations. Note the quick opening valve covers giving easy access to the valve and valve chamber.

Bronze shell bearings, heavily shimmed, replaceable as well as adjustable, protected from dust and grit, add life and dependability to these pumps.

The drop frame used on these pumps puts the suction valve a foot nearer water level—adding a foot to the lift. Low center of gravity increases portability. Plungers are completely protected from dust and weather by the close fitting housing as shown in the cut at the top of preceding page.

These plunger trench pumps are built in four inch angle and duplex models. Single units can be had mounted either on a trailer truck with roller bearing wheels, or on the low slung four wheel truck. Duplex units are mounted on four wheel truck only.

These pumps are driven through gears made like an automobile transmission. Gears are cut from forged blanks and run in an oil bath inside an oil-tight dust-proof case. Experience on hundreds of actual jobs has demonstrated the remarkable durability of this type of power transmission.

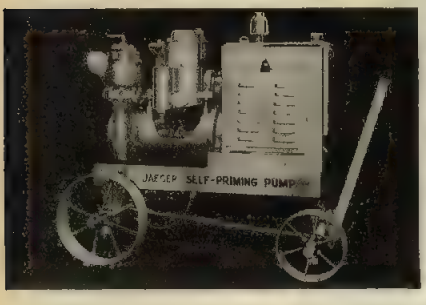
Single Pumps on Two Steel Wheels

Model	Size Suction	Engine	Capacity Gallons Per Hour	Suction Lift Feet	Total Head, Feet	Weight	List Price
4V	4 inch	3½ H P. F. & J. Enclosed Type	4000–5000	25	35	1400	$592.50
4VJ	4 inch	6 H P. F & J	4000–5000	25	40	1425	765.00
4VL	4 inch	5 H P Leroi	4000 5000	25	40	1455	742.50

Duplex Pumps on Four Steel Wheels

4VVL	4 inch	10 H P Leroi 4 Cylinder	12000 15000	25	85	2100	1042.50

Self Priming Centrifugal Portable Pumping Outfit



The self-primers are the result of careful investigation into actual field conditions and pumping costs. They are thoroughly engineered and their design has been proved by actual service under the most adverse conditions. They eliminate at once foot valves and the nuisance of priming. The exclusive self-priming unit that accomplishes these things gives the additional advantage of greater capacity and higher suction lift. This simple vacuum pump keeps the air exhausted from the suction hose and a solid column of water rising to the centrifugal impeller. It maintains a continuous high vacuum automatically and makes possible a suction lift of 27 feet—5 to 10 feet more than the lift of ordinary centrifugals.

Self-priming centrifugals are replacing pumps of other types because they move bigger volumes of water at lower cost, because they handle large volumes of solids without clogging, because of their simple self-priming mechanism. They have the extreme high lift of 27 feet and can be used with profit on almost any class of dewatering work a contractor has to deal with, including operating well point pumping systems.

The vacuum pump has only one moving part—and that runs in an oil bath. Pumps air only—impossible for water to reach it. Works whenever the suction hose is water sealed at the intake—cuts out when the centrifugal pump is primed. Keeps a solid water column rising to the impeller, automatically removing air which may leak into suction line.

These direct connected centrifugal pumps are recommended for drainage work of all kinds. They are especially suited to the contractors requirements.

The special open type impeder will handle mud, sand, grit, small stones and other materials which will pass through a Standard Suction Strainer. Certain sizes are also suitable for supplying water to gravel washing plants and for irrigation work.

The heads of the pumps are accurately turned and bored to insure perfect alignment and correct clearances. Stuffing boxes are of liberal size, bored to receive the packing and glands, and are fitted with replacable bronze bushings of generous size. The method of mounting the pump and engine insures perfect alignment between engine and pump shafts, the pump being mounted on an intermediate casting bolted solidly to the engine flywheel housing.

Special cradle blocks carry the weight of the pump shell and suction pipe, or hose. In addition to this special mounting a flexible shaft coupling is provided between engine and pump shafts, as an extra safety factor to prevent strain from weight of suction pipe, or hose, being transmitted to engine.

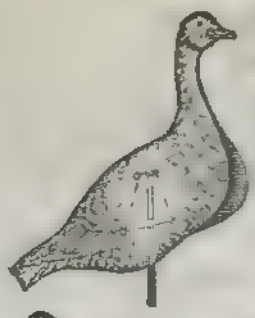
Specifications

Model	Size		Engine	Capacity Gallons Per Min.	Total Head Feet	Net Weight Lbs.	List Price
	Suction Inches	Discharge Inches					
3 CP	3 or 4	3	6 H.P. F. & J. Radiator Cooled	250–300	40	1050	$ 687.50
4 CP	4	4	10 H.P. Lerci, 4 Cyl-Rad. Cooled	300–350	50	1400	850.00
4 CAP	4	4	10 H.P. Leroi, 4 Cyl-Rad. Cooled	450–500	40	1425	856.50
4 CBP	4	4	25 H.P. Hercules 3¾x4½	400–450	70	1850	1081.25
4 CCPX	6 or 4	4	25 H.P. Hercules 3¾x4½	600–800	60	1870	1087.50

Maximum Suction Lift—27 feet.
All of these models can be had with electric power.

DECOYS

GOOSE, CANADA



Tough jute fibre board. Reproduction of Canada geese, with spreading body held open by inserting triangle frame attached to heavy wire stake. Folds flat.

Per Doz

No. 1116—Wt per doz 6 lbs....$26 40

One doz in canvas bag.

GOOSE, CANADA

(Open)

(Folded)

Wood; all parts riveted together so they will fold neat and compact.

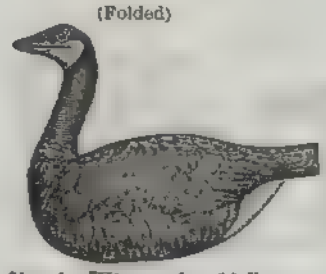
Light in weight and designed for use in field shooting and on sand-bars. Represents full size geese in side view and may be stuck up to show from any view point by use of the pointed stick which is attached to body.

Per Doz

No. 2—Wt per doz 14 lbs....$30 00

One doz in carton.

GOOSE, LARGE SIZE



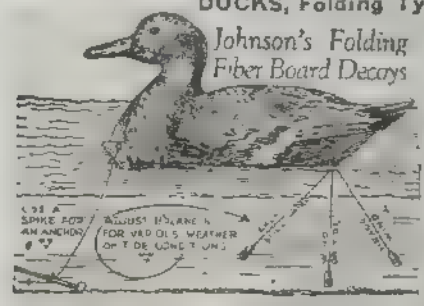
Heavy waterproofed folding fibreboard body held open by galvanized steel triangular frame attached to heavy wire stake. Represents full size geese and may be put up to show from any view point in field shooting and on sand bars.

Per Doz

No. 4—Wt per doz 10 lbs....$26 40

One doz in canvas bag, assorted 8 large and 4 small.

DUCKS, Folding Type.



Printed in natural colors on tough, water-proof fibre. Board, mounted on ⅝ inch cedar float which slides inside the body to spread and float the duck. A balancing device attached to float prevents tipping. Complete with anchors and cord. Assorted six Drakes and six Hens to the dozen.

Per Doz

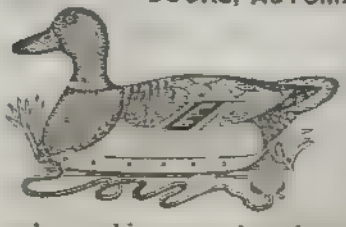
No. 1FD—Mallard, complete....$14 40

No. 1FB—Bodies only, without float....9 75

No. 1F—Cedar floats only....4 95

One doz in canvas bag; wt per doz 4½ lbs.

DUCKS, AUTOMATIC CANVAS



Collapsible decoys, canvas body, wooden float and head block, one wire spring head support, one wire tail support.

Open automatically, there is no adjustment, nothing necessary but the simple use of the anchor cord in the regular manner. When the anchor cord is unwound, such cord being wound around the decoy, holds same in collapsed position. Complete with anchors and cords, assorted 6 males and 6 females to the dozen.

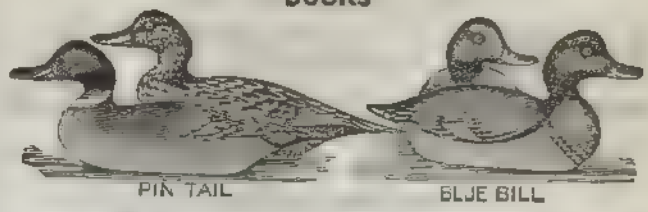
Per Doz

No. ACM—Mallard....$30 00

One doz in cardboard box; wt per doz about 14 lbs.

DECOYS

DUCKS



MALLARD

Seasoned white cedar, hollow flat bottom, will float evenly on the water; well balanced, and painted in natural colors, true to life. Assorted 8 males and 4 females to the dozen.

Hollow Glass Eye.

Per Doz

No. PTH—Pin Tail....$63 00

Solid Glass Eye.

Highly seasoned white cedar; solid flat bottom, and glass eyes. Float evenly and painted in natural colors, true to life. Assorted 8 males and 4 females to the dozen.

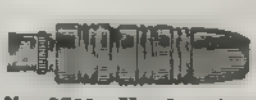
Per Doz

No. BBS—Blue Bill....$31 50

No. MS—Mallard....31 50

One doz in wire bound wood box, average wt per doz 28 lbs.

CALLS



DUCK
EUREKA, New Style.

Per Doz

No. 2E10—Hand made rubber reed and rubber and cork inner parts; outer part is hard maple and spun brass; length 4½ ins....$27 00

One doz in cardboard box; wt per doz 2 lbs.

DUCK OR CROW CALLS, OLT'S

Best hard rubber. Will not swell or shrink in damp weather. The tone is very natural and can be instantly changed to suit the sportsman. Length over all 5½ inches.

Per Doz

No. 1I—Interchangeable....$36 00

No. 2NI—Non-interchangeable....19 50

Half doz in cardboard box; wt per doz 1 lb.

CROW CALLS, OK PERFECT

Polished hard rubber. Most natural easy blowing, tuned to a young crow's caw, caw.

Per Doz

No. 3NI—Length over all 3½ ins....$18 00

One doz in cardboard box; wt per doz ¾ lb.

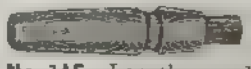
CROW CALLS, ALLEN'S

Per Doz

No. 1AC—Best hardwood; nickel plated tip; length over all 4 ins....$19 50

One doz in cardboard box; wt per doz 1½ lbs.

DUCK CALLS, ALLEN'S



Best hardwood; nickel plated tip.

Per Doz

No. 1AE—Length over all 4½ ins....$24 75

One doz in cardboard box; wt per doz 1½ lbs.

CROW CALLS, DITTO

Per Doz

No. 1DCC—Hardwood with red stained mouthpiece; nickel plated metal tip; length over all 4 ins....$28 80

One doz in cardboard box; wt per doz 1½ lbs.

TURKEY

Cocobolo; horn tip.

Per Doz

No. 1K—Turkey Call. Length 6 ins; wt per doz about 6 ozs....$21 00

One doz in cardboard box.

MINNOW BUCKETS

FALLS CITY—GRAND

Round Floating.

Galvanized iron bucket, without cover; inset of galvanized wire, solid at bottom and holds enough water to transfer; hinged, perforated, self-locking cover; finished with blue striping.

Nos.	D308	D310	D312
Capacity, qts	8	10	12
Size, ins	9⅛x7⅝	9⅛x9⅛	10¼x9¼
Wt per doz, lbs	36	42	57
Per Doz	$47 25	49 50	56 25

Packed loose.

WADE IN

I. C. tin, oval shape top and bottom, flare in top; two ⅜ inch loops on each side for fastening shoulder straps; cup shape cover fits snugly into bucket; 9 gauge steel wire lift pin securely soldered across cover to aid in removing it from bucket; finished in green japan with gold lettering and stripes. Per Doz

No. D1—Capacity 2 qts; size bottom 6x3¾ ins; size top 5x3 ins; height over all 8 ins. $18 90

Packed loose; wt per doz 9 lbs.

JONES AQUARIUM

(No. 300).

Galvanized outer receptacle, with galvanized wire inset; heavy coppered wire bail with black enamel wood grip. Finished in green and gold, with uniquely designed transfer ornament. The inset is provided with an oval air chamber, fitted with a valve to receive an ordinary bicycle pump, by means of which compressed air is supplied to the chamber. Leading downward from the air chamber to the bottom of the inset, is a fine outlet tube which ejects a current of air at the bottom, which will run from four to six hours without filling. Per Doz

No. D200—Without lid on outer receptacle; capacity 8 qts; length 15 ins; width 6i ns; height 8 ins; wt per doz 66 lbs $135 00

No. D300—With perforated lid on outer receptacle; capacity 12 qts; length 15 ins; width 10 ins; height 6 ins; wt per doz 84 lbs 144 00

Packed loose.

Air Fed.

Dark green lacquered finish, heavy gauge rust resisting galvanized iron tank and air chamber, fitted with standard Schrader Automatic Air Valve that supplies oxygen to the water.

The flow of oxygen through the water is controlled by a specially designed brass needle valve. The air is pumped into air chamber which will hold up to 25 lb pressure, sufficient to keep minnows alive 24 hours provided air control valve is properly adjusted.

Designed for transporting live fish, for use by hatcheries, fishing clubs, etc.

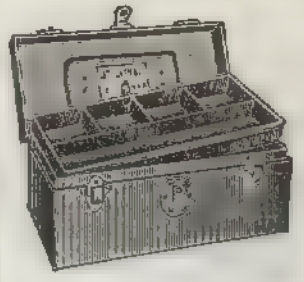
Capacity 2 gallons, height 11½ inches; diameter 9⅛ inches. Per Doz

No. D375—Full floating, with pump attached to side of bucket $109 20

No. D350—Non-floating, without pump; automobile or bicycle pump can be used for filling air chamber 92 40

Third doz in carton; wt per doz 66 lbs.

TACKLE BOXES



—BELKNAPS'—

UTILITY BOX

Sheet steel, olive drab enameled finish. Large brass plated lock and two catches. Heavy steel wire handle sunken in cover. Removable, partitioned tray. Can be used as a tool, safety, tackle and shell box, picnic lunch box, general household storage or handy box.

Per Doz

No. 3D—Length 14 ins; width 6¼ ins; depth 6 ins $41 25

Half doz in carton; wt per doz 54 lbs.

Pocket Model.

I. C. tin, olive drab enameled finish. Contains one large and three small compartments. Hinged cover with brass plated clasp. Per Doz

No. D5—Length 7¼ ins; width 4½ ins; depth 1⅜ ins $12 30

One doz in carton; wt per doz 8 lbs.

FALLS CITY

I. C. tin, olive drab enameled finish. Curved steel wire handle. Contains one large and three small compartments. Hinged cover with brass plated catch. Per Doz

No. D8—Length 8¼ ins; width 4¼ ins; height 3¼ ins $21 00

One doz in carton; wt per doz 15 lbs.

FALLS CITY

Olive drab enameled finish. Curved steel wire handle. Contains two large and one small compartment also removable tray with five small compartments. Length 10⅜ inches, width 5 inches, depth 4⅛ inches. Per Doz

No. D10—I. C. tin. Brass plated catch; wt per doz 25 lbs $27 00

Half doz in carton.

FALLS CITY

I. C. tin, olive drab enameled finish. Curved steel wire handle. Contains two large compartments, two removable trays with six and three small compartments each. Hinged cover with brass plated catch. Per Doz

No. D12—Length 12¾ ins, width 5⅛ ins; height 5¾ ins $43 50

Half doz in carton; wt per doz 42 lbs

FALLS CITY

Sheet steel, olive drab enameled finish inside and out; brass plated catch; curved steel handle. Contains one large tray with six compartments, two small trays each divided into three compartments. Per Doz

No. D45—Size 12¾x7⅛x4¾ ins $56 10

Half doz in carton; wt per doz 57 lbs.

TACKLE BOXES

FALLS CITY

Sheet steel, olive drab enameled finish inside and out; brass plated lock and hold down clamp; curved steel handle. Contains two main compartments, two trays, one containing three spaces and the other six.

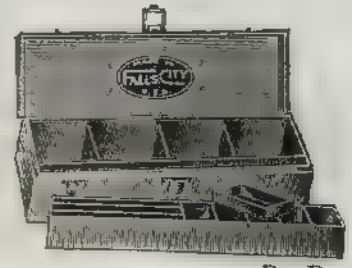
Per Doz

No. D130—Size 12¾x5⅞x5¾ ins **$52 80**

Half doz in carton; wt per doz 44 lbs.

FALLS CITY

Sheet steell, olive drab enameled finish inside and out; brass plated lock with hold down clamps; two brass plated positive catches; curved steel handle; divided into four compartments for reels and one long compartment for the rod; removable tray divided into eight small compartments for minnows etc. and one small tray.



Per Doz

No. D750—Size 20⅛x6⅛x6 ins **$92 40**

Half doz in carton; wt per doz 74 lbs.

STANDARD

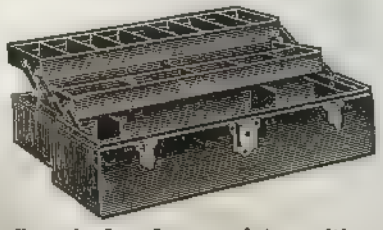
Heavy steel with hinged cover wire handle, lock and key and 7 compartments. Finished in hard baked dull black enamel.

Per Doz

No. D1TB—Length inside 11 ins; width 5¼ ins; depth 2¼ ins **$31 50**

One in carton; wt per doz about 24 lbs.

FALLS CITY AUTOMATIC



Sheet steel, olive drab baked on enamel finish inside and out, brass plated lock and catches; leather handle; ends and corners double seamed; two trays with all partitions welded.

When cover is lifted both trays are automatically raised and swung into position; cover and bottom are so proportioned that when the box is open the top rests on a level with the bottom; box cannot be tipped over.

Nos.	D912	D916	D921
Size, ins	12x7¼x6	16x7¼x6	21x7¼x6
Wt each, lbs	6½	8¼	9¾
Each	$9 00	10 80	13 20

One in carton.

TACKLE BOXES

KENNEDY'S

Steel, electrically welded; baked brown enameled finish. Fitted with multiple-change lock with strong loop-catch; leather handle with steel case. Equipped with two trays, the upper being flush to lid. The compartments in these trays will accommodate eight or more plugs or artificial bait, besides hooks, sinkers, etc. The bottom of box will accommodate two or three reels, besides such equipment as lines, bottle bait, etc.

Price does not include tackle.

Each

No. D612—Length 12 ins; width 6 ins; depth 6 ins **$8 25**

Packed loose; wt each 6¾ lbs.

KENNEDY'S

Steel, electrically welded, ends are double seamed and cemented to make them water tight, baked brown enameled finish. Fitted with Corbin multiple change lock, with loop catch; leather handle reinforced with steel core. Equipped with two trays, the upper tray fitting flush to lid. Has seven compartments for plugs and space for reels, snelled hooks, landing net, will also carry small jointed casting rod. **Price does not include tackle.**

Each

No. D616—Length 16 ins; width 6 ins; depth 6 ins **$10 50**

One in carton; wt each 5 lbs.

KENNEDY'S

(Closed View.)

(Open View)

Steel, electrically welded; baked brown enameled finish. Fitted with leather handle, Corbin Notch lock, brass plated side catches and corner irons. Equipped with two trays, arranged so that contents cannot spill, as lower tray is flush to upper and upper tray has lid covering which securely fastens. Will carry Thermos bottle, considerable bait and other equipment; also small jointed pole. By removing trays it can be used for carrying shells and hunting equipment. All seams sealed and will not leak.

Price does not include tackle.

Each

No. D614—Length 14 ins; width 7 ins; height 9 ins **$13 20**

Packed loose; wt each 7¾ lbs.

JONQUIL

Striking Novelty Glassware—Combination of Yellow and Black with Crystal

1672
JONQUIL BUD VASE
Height, 8 inches
$3.00 each

1804
JONQUIL CANDLESTICK
Height 6 inches

3 PIECE CONSOLE SET
1705 JONQUIL 13-inch Bowl . . $10.50 each
1804 JONQUIL 6-inch Candlestick. . 4.50 each
Set Complete $19.50

1804
JONQUIL CANDLESTICK
Height, 6 inches

13
JONQUIL
½ LB. CANDY JAR
$4.50 each

JONQUIL CELERY DISH
Length, 12 inches
Width, 6½ inches
$7.50 each

1720
JONQUIL BON BON DISH
Length, 8 inches
Width, 6¼ inches
$3.00 each

1770
JONQUIL FLOWER VASE
Height, 7 inches
Width, 8 inches
$7.50 each

1656
JONQUIL CANDLESTICK
Height, 4 inches

JONQUIL 3 PIECE CONSOLE SET
*Bowl, 10 inches 1705 $5.25 each
Candlesticks 1656 $3.00 each
Set Complete, $11.25

1656
JONQUIL CANDLESTICK
Height, 4 inches

1780
JONQUIL MAYONNAISE AND LADLE
$4.50 set

1240
JONQUIL HANDLED LUNCHEON TRAY
Width, 10 inches
$4.50 each

1793
JONQUIL SUGAR AND CREAM
$6.00 pair

1701
JONQUIL ROSE BOWL
Height, 6½ inches
Width, 7 inches
$5.25 each

JONQUIL 4 PIECE DRESSER SET
$21.00 Complete

1544	JONQUIL TRAY—Length, 10 inches; width, 7 inches	$4.50 each
1356	JONQUIL COLOGNE Capacity, 1 ounce	4.50 each
1648	JONQUIL ATOMIZER Height, 6 inches	7.50 each
1649	JONQUIL PUFF BOX Width, 4 inches	4.50 each

1664
JONQUIL CANDY BOX
Width, 6½ inches
$6.00 each

308 Pattern

Combination Blue and Crystal Colors
Very Artistically Cut

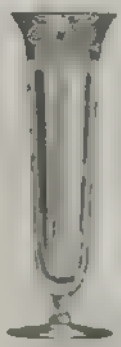
22-308—$4.50 each
COMPORT
Height 8 inches
Width 6 inches

1664-308 $4.50 each
CANDY BOX
Width, 6½ inches

1566-308 $2.50 each
BUD VASE
Height, 9½ inches

1544-308 $16.50 complete DRESSER SET—4 piece
1544-308 TRAY $3.75 each Large, 10 inches, width, 7 inches
1556-308 COLOGNE $3.00 each 1 ounce
1543-308 PUFF BOX $2.25 each 4 inches
1647-308 ATOMIZER $7.50 each

1563-308 $7.00 each
FRUIT BOWL AND STAND
Width, 9½ inches



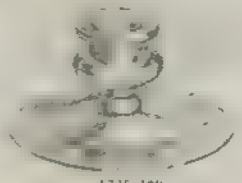
1672-308
$1.50 each
BUD VASE
Height, 6¾ inches

13-308
$3.50 each
CANDY JAR
Height, 8½ inches

1263-308 $4.50 set
CHEESE AND CRACKER
Set

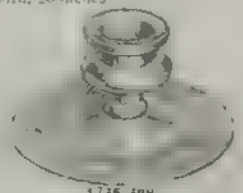
1705-308—$3.50 each
FLOWER OR FRUIT BOWL
Width, 10 inches

1240-308 $3.50 each
HANDLED LUNCHEON PLATE
Width, 10 inches



1735-308

CONSOLE SET $12.00 complete—3 piece
1705-308 —$7.50 each 13 inch Bowl
1735-308 —$4.50 pair 3½ inch Candlestick



1735-308

1679-308 $4.50 each
FOOTED BOWL
Height, 4¾ inches
Width, 8¾ inches

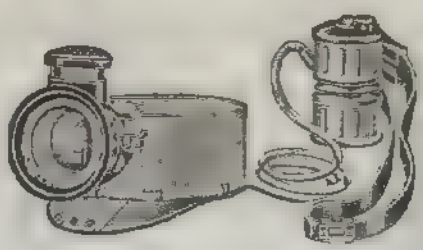
1736-308 —$3.00 each
FOOTED COMPORT
Width 7 inches

1668-308 $3.50 set
MAYONNAISE AND LADLE
Width 6¾ inches

1770-308 $6.00 each
FLOWER VASE
7 inches
Width 5 inches

HUNTER'S HEAD LAMPS

JUSTRITE



For Carbide.

Brass headlight, nickel plated; held to cap shield by hook and clasp; lens 2½ inches diameter; ½ inch thick, set in hinged frame. Has 3 inch concave reflector and throws a bright concentrated light over 300 feet.

Equipped with self-lighter attachment (no matches needed.) Generator consists of two parts, 20 gauge lead-coated steel water tank and carbide container, non-corrosive and non-rusting lock seamed and soldered; 4½ inches high, 4½ inches long and 1¾ inches wide. Finished in black enamel.

Complete with generator, headlight, rubber tube, belt and pins. **Burns 8 Hours on 8 ounce Charge.** Per Doz

No. D33—Complete, less cap $157 50

One in cardboard box; wt 2 lbs.

CIGAR LIGHTERS

JUSTRITE

Nickel plated brass case with automatic lighter attachment. A turn of the wheel on lighter attachment gives a light any time. Not affected by wind. Burns denatured alcohol, benzine and gasoline. Lights cigars, cigarettes and pipes. PerGro

No. 90—Size ¾x2 ins $79 20

One doz on cardboard counter display card, wt per gro 2¼ lbs.

LEATHER GUN CASES

For Double Barrel Hammer or Hammerless Guns.

Cream case leather, flannel lined with handle and shoulder strap bronze trimming, lock and name plate.

	Per Doz
No. D1—For 12 and 16 gauge guns, without extra barrel compartment; length 30 ins.	$247 50
No. D1D—With extra barrel compartment; length 28 and 30 ins	330 00

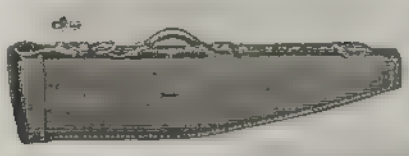
Packed loose; wt each 4 lbs.

Magazine Gun Cases for Repeating Shot Guns.

Cream case leather; flannel lined with handle and shoulder strap; bronze trimming, lock and name plate.

	Per Doz
No. D1M—Without extra barrel compartment; length 28 and 30 ins; wt 3¼ lbs.	$247 50
No. D1MD—With extra barrel compartment; length 30 ins; wt 4 lbs	330 00

Packed loose.



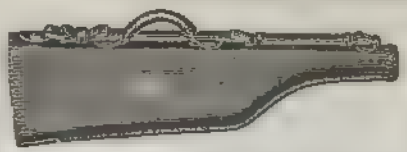
Automatic and Self loading Gun Cases.

Russet leather flannel lined with handle and shoulder strap; bronze trimmings, lock and name plate.

For Remington Automatic	Per Doz
No. D1RA—Without extra barrel compartment; length 26, 28 and 30 ins; wt each 4 lbs	$270 00
No. D1RAD—With extra barrel compartment; length 28 ins; wt each 5 lbs	354 00

Packed loose.

LEATHER GUN CASES



For Double Barrel Hammer or Hammerless Guns.

Russet case leather; flannel lined with handle and shoulder straps; bronze trimming, lock and nameplate.

	Per Doz
No. D2—For 12 and 16 gauge guns, without extra barrel compartment; lengths 28 and 30 ins	$228 00
No. D220—For 20 gauge guns; without extra barrel compartments; length 26 ins	228 00

Packed loose; wt each 3½ lbs.

Magazine Gun Cases for Repeating Shot Guns.

Russet case leather; flannel lined with handle and shoulder strap; bronze trimmings, lock and name plate.

	Per Doz
No. D2M—Without extra barrel compartment; length 26, 28, and 30 ins; wt each 3½ lbs	$228 00

Packed loose.

Automatic Gun Cases for Remington Automatic.

Russet leather; flannel lined with handle and shoulder strap; bronze trimming, lock and name plate.

	Per Doz
No. D2RA—Without extra barrel compartment; length 26 and 28 ins; wt each 4 lbs	$240 00

Packed loose.

Brown buffalo grain leather body, flannel lined; brass trimmed with lock tongue buckle. Sewed leather handle and shoulder strap. Inside tool pocket.

For Automatic Guns.	Per Doz
No. D150-28—Length 28 ins	
No. D150-30—Length 30 ins	$172 50
No. D150-32—Length 32 ins	

For All 12 Gauge Magazine and Double Barrel Guns.	Per Doz
No. D50-12-28—Length 28 ins	
No. D50-12-30—Length 30 ins	$162 00

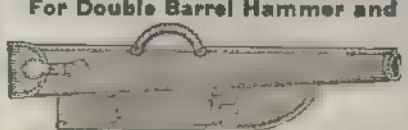
For Remington Pump No. 17A.	Per Doz
No. D150-17A-26—Length 26 ins	
No. D150-17A-28—Length 28 ins	$162 00
No. D150-17A-30—Length 30 ins	

For 20 Gauge Double Barrel Guns.	Per Doz
No. D50-20-26—Length 26 ins	
No. D50-20-28—Length 28 ins	$162 00

One in pkg, 26 in. wt each 2¾ lbs; 28 in. 3¼ lbs; 30 in. 3½ lbs, 32 in. 4¼ lbs.

CANVAS GUN CASES

For Double Barrel Hammer and Hammerless Guns.



Duck; folded style; flannel lined leather bound and handle; pocket for cleaning rod.

	Per Doz
No. D45-28—Length 28 ins	
No. D45-30—Length 30 ins	$45 00
No. D45-32—Length 32 ins	

Packed loose; average wt each ¾ lb.

KAUFMAN & LEVENSON, INC.

Offer—

NEW

INGENIOUS

CREATIONS

Paramount Dolls

The New Soft Cuddly Kapok—Stuffed Baby Dolls—With The New Dimpled Faces, Movable Heads and Distinctly New Ideas in Arms and Legs.

A Beautiful Selection of Finely Designed Dresses.

Also—

A PARAMOUNT LINE

of

Quality Mama Dolls

in which are embodied

The Newest of Doll Faces
The Newest Type of Real Wigs
The Newest of Dress Designs

During Chicago Toy Fair
PALMER HOUSE
Room 760
JULIUS LEVENSON HAROLD SCHEUER

KAUFMAN & LEVENSON, INC. 7 East 17th St., New York City

Start your letter right: "I saw your ad in PLAYTHINGS"

ANNOUNCING

THE ROLMONICA CHROMATIC

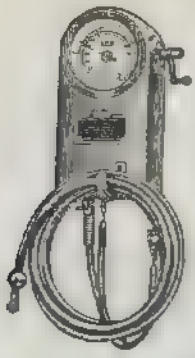
The Rolmonica is a harmonica built on the player-piano principle . . . playing with music rolls available in a wide selection of popular airs, kept constantly up to date by monthly issues of the latest Broadway hits. The Rolmonica Chromatic (as distinguished from the Standard Rolmonica 12-Note Instrument) renders beautifully the various selections with diminishing chords in both major and minor keys . . . in a truly professional manner. Anybody can play it, young or old.

Liberal discount to jobbers and dealers. A nice profit for both. Rolmonica is nationally advertised and has a universal appeal. ORDER ROLMONICA AND ROLLS TODAY . . . Profits inevitably follow.

THE ROLMONICA MUSIC CO. 501 E. PRESTON STREET
BALTIMORE, MD.

AUTOMATIC AIR STATIONS

ECO



Bright red enamel cast iron case. Equipped with automatic bell signal tire inflator, air cleaner, hook operated shut off valve and 25 feet of high grade red rubber air hose. Back cover hinged so that case may be opened for inspection or adjusting. Hook projects 12 inches from wall.

Each

No. A-25—Wall Type. Wt each 60 lbs.....$242 85

No. A-24—Post Type. Threaded for mounting on 2½, 3, 3½, or 4 in. pipe. Specify size wanted; wt each 60 lbs ..... +243 00

Crated.

FOR AIR TOWER INSTALLATION

Designed to convert any ordinary tower into an automatic tower. Equipped with automatic bell signal tire inflator and air cleaner. Clamps to tower by means of 2 U bolts. Easy to install by drilling hole into tower pipe and inserting copper tubes for connections. Complete with necessary tubing and connections for installing.

Each

No. A-28—Specify diam of post on which inflator is to be mounted..... +$224 40

Crated; shipping wt each 60 lbs.

CEILING OR WALL REEL

The same construction reel as used on Nos. A-19 and A-20 air stations. Designed for mounting on ceiling or walls. Equipped with 32 feet of high grade red rubber air hose that winds automatically on reel turning off the air pressure at the same time.

Each

No. A-30—Complete as described..... +$165 00

No. A-31—Same as No. A-30 except does not have the automatic cut off feature when hose is wound on reel +132 00

Crated; shipping wt each 115 lbs.

COMBINATION INFLATOR AND CEILING REEL

Consists of No. A-28 Automatic bell ringing inflator and No. A-30 ceiling reel. Furnished complete with necessary tubing for making installation.

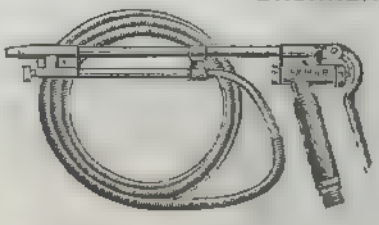
Each

No. A-29—Wt each 170 lbs.....$356 40

Crated.

ENGINE CLEANERS

BRUNNER



For cleaning and spraying motors, transmissions, springs, radiators, etc. Properly designed for convenience and effectiveness in operation, economical in the use of air, positive in control of liquid for either cleaning or lubrication.

Fitted with perfectly balanced pistol grip handle. Complete with liquid tubing and swivel hose connections for ¼ inch hose.

Each

No. A-781—Length over all 13½ ins..... $16 50

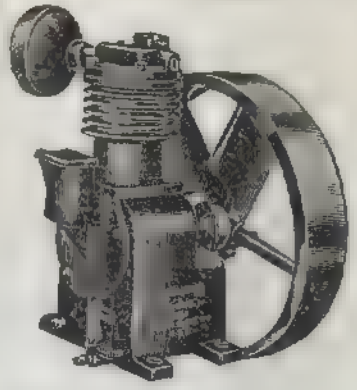
One in carton; wt each 2¼ lbs.

+F. O. B. Ohio Factory Only.

AIR COMPRESSORS

KELLOGG COMPRESSOR ONLY

For Medium Size Service Stations.



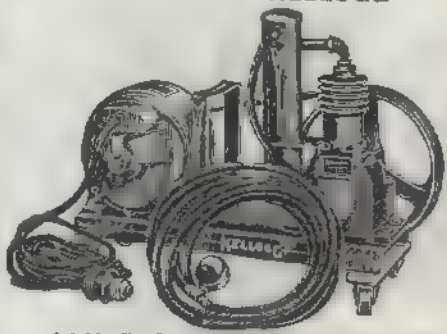
Bore—2¼ inch stroke 2 inch single cylinder.
Displacement—2½ cubic feet per minute.
Capacity—Tested to 200 lbs pressure and recommended for 150 lbs.
Cylinder—Air cooled by fins.
Valves—Chrome Vanadium steel, heat treated and ground, disc type.
Piston—Extra long, fitted with leak proof rings.
Wrist Pin—Steel, case hardened, ground and polished.
Connecting Rod—High carbon steel, heat treated and machined.
Crankshaft—High carbon steel heat treated, ground and polished.
All Bearings—Made of best bearing bronze.
Oiled—By splash method which provides oil at all times.
Recommended speed 350 R. P. M. Pully size 12 inches; requires ½ H. P. at 2½ cubic feet per minute.

Each

No. A-251 T—With tight pulley..... +$93 00

No. A-251 TL—With tight and loose pulley..... +117 00

KELLOGG



A complete compressor outfit mounted on easy rolling ball bearing casters. Can be operated from standard lamp socket or convenient outlet receptacle. Complete with 10 feet of twin cable with separable attachment plug. Floor space required 20x18x10 inches.

¼ H. P. 60 Cycle, A.C. Single Phase Motor. Each

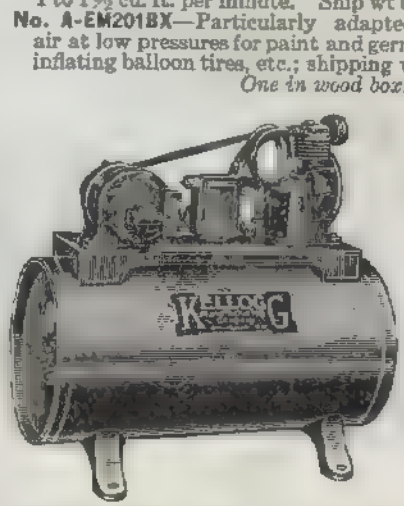
No. A-EM201B—Furnished with 15 ft of rubber tubing with tire valve connection and gauge. Displacement 1 to 1½ cu. ft. per minute. Ship wt each 60 lbs ... +$141 75

No. A-EM201BX—Particularly adapted for supplying air at low pressures for paint and germicides spraying, inflating balloon tires, etc.; shipping wt each 65 lbs. +132 30

One in wood box.

KELLOGG, Stationary.

For Small Service Stations.



Motor—½ horse power. Tank capacity 32 gallons.
Displacement—2½ cubic feet.
Revolutions—350 per minute.
Maximum pressure 150 pounds. Automatic control. Adapted for small garages, gasoline filling stations, tire shops, etc.

Alternating Current, 110-220 volts, 60 Cycles, Single Phase. Each

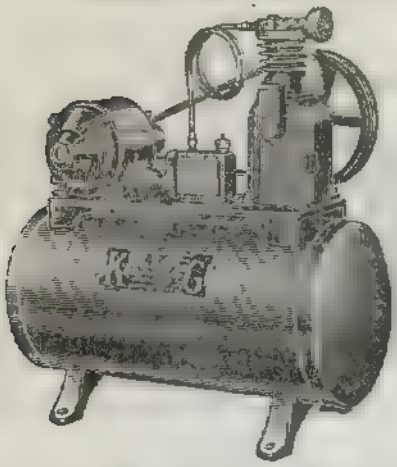
No. A-EM251-B—Wt each 380 lbs..... $423 00

Crated.

+F. O. B. New York Factory Only.

AIR COMPRESSORS

KELLOGG STANDARD, Stationary.



Designed for general garage and all work where a large quantity of air is needed.

Motor—¾ horse power.

Displacement—3.4 cubic feet per minute.

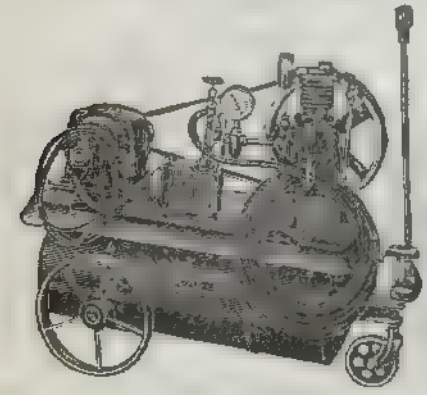
Maximum Pressure—150 lbs.

Tank—Length 36 inches; diameter 16 inches; height over all 39 inches.

Each

No. A-EM341—Alternating current; 110 volts; 60 cycle; single phase $564 00

Crated; wt each 500 lbs.



KELLOGG, BULL DOG

Portable.

For Medium Size Service Stations.

Motor—½ horse power.

Tank—Capacity 16 gallons.

Displacement—2½ cubic feet.

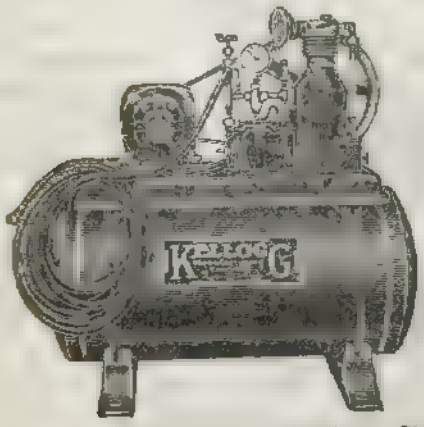
Revolutions—480 per minute. Maximum pressure 150 pounds. Especially adapted for use all over the shop.

Each

No. A-BP—Alternating current; 110 volts; 60 cycle; single phase..... ✦$600 00

Crated; shipping wt each 385 lbs.

KELLOGG
Two Cylinder, Stationary.



A complete compressor outfit. Recommended for tire filling, spring oiling and general service requiring pressure up to 150 pounds. Automatically controlled in every detail. Two cylinder with 2¼x2 inch stroke.

¾ H. P. 110 Volt, A. C. 60 Cycle, Single Phase Motor.

Each

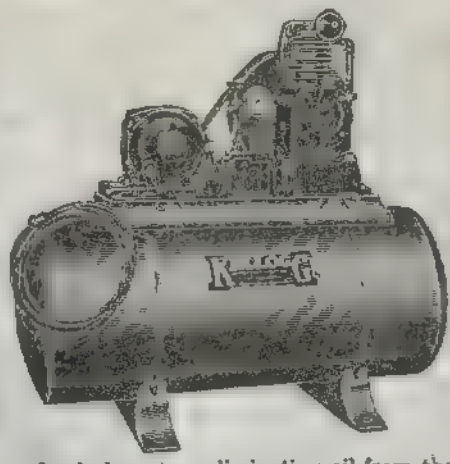
No. A-EM52—Tank capacity 32 gal; displacement 3.86 cu. ft. per minute; 420 R. P. M..... ✦$645 00

One in wood box; wt each 420 lbs.

✦F. O. B. New York Factory Only.

AIR COMPRESSORS

KELLOGG, TWO STAGE HEAVY DUTY, Stationary.



Copper intercooler enclosed in aluminum housing which confines the draft created by the fan blades. The air is delivered to the high pressure cylinder at a low temperature making a very efficient two stage compressor. Ball bearing construction insures a greatly increased efficiency and more air per horse power. Constant level lubrication, combined pump, and splash system eliminating oil from the air prolonging the life of compressor. Oil gauge in plain sight shows the amount of oil always in reservoir of pump. Vanadium steel disc valves positive in action increasing the compressor efficiency. Equipped with combined air filter and starting retort which insures dry air in storage tank providing easy starting of motor. Automatic self adjusting idler pulley keeps the proper tension on belt at all times. Complete with all equipment.

¾ H. P. 32 Gallon Tank. Displacement 4 cu. ft. 325 R. P. M.

Each

No. A-EM1222SAC—A. C. 60 cycle..... ✦$762 00

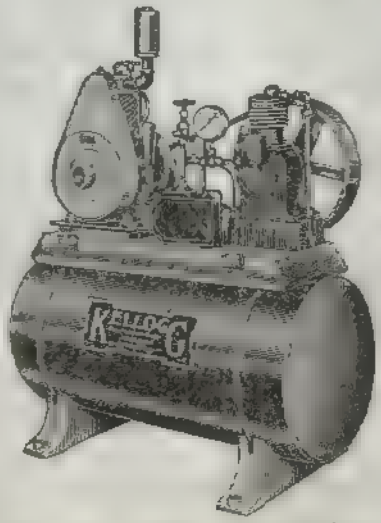
No. A-EM1222SDC—110 volts, D. C..... ✦ 777 00

Crated; wt each 470 lbs.

KELLOGG, BULL DOG, GAS ENGINE

Stationary.

For Medium Size Service Stations.



Operated by gasoline.

Motor—½ horse power.

Tank Capacity—32 gallons

Displacement—2½ cubic feet.

Revolutions 480 per minute. Maximum pressure 150 pounds. This outfit is automatically controlled and is complete in every detail.

Each

No. A-BG—Gasoline Engine Driven..... ✦$660 00

Crated; shipping wt each 415 lbs.

✦F. O. B. New York Factory Only.

AXES

No. 1531

KELLY FLINT EDGE, Single Bit.

Hand Made, Natural Finish, Labeled.

Soft steel body; hardened poll; crucible steel bit; hand tempered.

Wts (assorted), lbs		3 to 4	3½ to 4½	4 to5	4½ to 5½	4½ to 6
No. 1511—Dayton Pat., Plain	Per Doz	$43 50	45 30	47 10	48 90	----------
No. 1521—Sou. Ken. Pattern	"	----------	45 30	47 10	48 90	48 90
No. 1531—Baltimore Ky. Pat.	"	----------	45 30	47 10	48 90	----------
No. 1541—Baltimore Jersey Pat.	"	43 50	45 30	47 10	48 90	----------
No. 1551—Michigan Pattern	"	----------	45 30	47 10	----------	----------

One doz assorted wts in wood box, average wt per doz 50 lbs.

KELLY PERFECT, Single Bit.

Phantom Bevel, Full Polished and Labeled, Painted Blue Bevels.

Soft steel body; hardened poll; crucible steel bit; hand tempered; hammered bevels.

Wts (assorted), lbs		3 to 4	3½ to 4½	4 to 5	4½ to 5½	4½ to 6
No. 1316—Dayton Pattern	Per Doz	$45 30	47 10	48 90	50 70	----------
No. 1326—Sou. Ky. Pat.	"	----------	47 10	48 90	50 70	50 70
No. 1336—Baltimore Ky. Pat.	"	----------	47 10	48 90	50 70	----------
No. 1346—Balt. Jersey Pat.	"	45 30	47 10	48 90	50 70	----------
No. 1356—Michigan Pattern	"	----------	47 10	48 90	----------	----------

One doz assorted wts in wood box, average wt per doz 50 lbs.

No. 1316

KELLY FLINT EDGE, Double Bit.

Hand Made, Natural Finish, Labeled.

Soft steel body; crucible steel bits; hand tempered.

Wts (assorted), lbs		3 to 4	3½ to 4½	4 to 5	4½ to 5½
No. 1581—Western Pattern	Per Doz	$58 50	60 30	62 10	63 90

One doz assorted wts in wood box, average wt per doz 50 lbs.

KELLY PERFECT, Double Bit.

Phantom Bevel, Full Polished and Labeled, Painted Blue Bevels.

Soft steel body; crucible steel bits; hand tempered; hammered bevels.

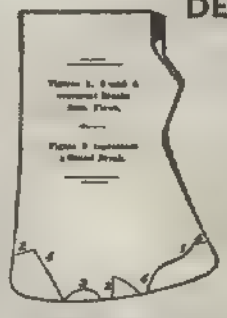
Wts (assorted), lbs		3 to 4	3½ to 4½	4 to 5	4½ to 5½
No. 1386—Western Pattern	Per Doz	$62 10	63 90	65 70	67 50

One doz assorted wts in wood box, average wt per doz 50 lbs.

OUR AXE HANDLING DEPARTMENT

Our Axe Handling Department, by years of experience, has reduced the handling of Axes to a science. Not only is each handle correctly gauged but it is driven and wedged with such accuracy as to insure a correct setting of the axe and to prevent its becoming loose on the handle.

All our handled axes are packed one dozen assorted weights in a crate. The heads are enclosed in a strong wood box and are held firmly and securely in place in such a manner as to prevent rubbing and scratching the finish. The handles are entirely covered with a strong cotton sack made especially for this purpose and tied securely, protecting them from dust, dirt and damage in shipping and storage. (See illustration.)



DEFECTIVE AXES

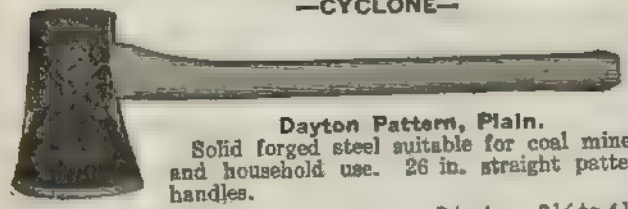
Necessarily the cutting edge of an axe must be high carbon and high temper and for this reason a good axe is more likely to break than a poor one, as soft steel or steel in which the temper has been drawn by heating on a stone will bend before it will break.

Breaks from Flaws are known by being angular in form. **Sound Breaks**, which show no fault in manufacture, are always circular in form.

Axes (except) (**Steel King, Keystone, Mohawk and Cyclone**) are guaranteed against breaks from flaws shown in Figures 1, 2 and 4, but not against sound breaks shown in Figure 3.

MINERS' AXES

—CYCLONE—



Dayton Pattern, Plain.

Solid forged steel suitable for coal miners and household use. 26 in. straight pattern handles.

	3 to 4	3½ to 4½
Wts (assorted), lbs		
No. 711H—Per Doz	$40 50	42 30

Half doz in wood box.

BOYS' AXES

—BLUE GRASS—

Dayton Pattern, Plain.

Solid steel body; hardened poll; inserted crucible steel bit; hand tempered. Gun metal finish; No. 1 oval hickory handles.

Per Doz

No. BG41—Size 1; length handle 26 ins; wt each without handle 2 lbs $38 25

No. BG42—Size 2; length handle 28 ins; wt each without handle 2¼ lbs 39 00

Half doz in wood box.

—BLUE GRASS—

Dayton Pattern, Phantom Bevel.

Solid steel body; hardened poll; inserted crucible steel bit, hand tempered.

Red and gold finish; labeled; painted blue bevels; full polished bit and poll; No. 1 oval hickory handle.

Per Doz

No. BG1—Size 1; length handle 26 ins; wt each without handle 2 lbs $39 75

No. BG2—Size 2; length handle 28 ins; wt each without handle 2¼ lbs 40 50

Half doz in wood box.

—CYCLONE—

Dayton Pattern, Plain.

Solid steel body; hardened poll; tempered bit; red body; labeled; polished bit; No. 2 oval hickory handle.

Per Doz

No. C21—Size 1; length handle 26 ins; wt each without handle 2 lbs. $33 00

One doz in box.

—MOHAWK—

Dayton Pattern, Plain.

Case hardened malleable casting. Gold bronze finish; labeled; polished bit and poll; No. 2 oval hickory handles.

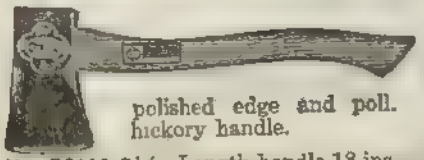
Per Doz

No. 1M—Size 1; length handle 26 ins; wt each without handle 2 lbs. $25 50

One doz in box.

HOUSE AXES

—BLUE GRASS—



Best quality solid crucible tool steel, rustless black finish, deep etched, bright polished edge and poll. Extra grade white hickory handle.

Per Doz

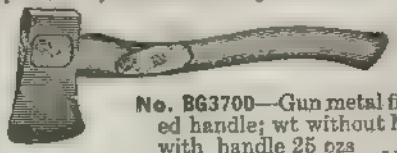
No. BG310-2¼—Length handle 18 ins $41 25

Half doz in box; wt per doz 39 lbs.

SCOUTS' HATCHETS

—BLUE GRASS—

Best quality solid crucible tool steel; hardened poll; tempered bit; 14 inch scout pattern handle.



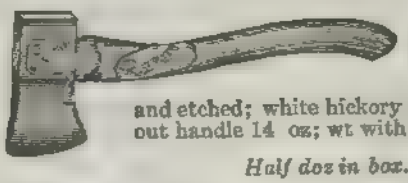
With Nail Slot.

Per Doz

No. BG3700—Gun metal finish; green stained handle; wt without handle 20 ozs; wt with handle 25 ozs $34 50

Half doz in box.

—BLUE GRASS—



With Nail Slot.

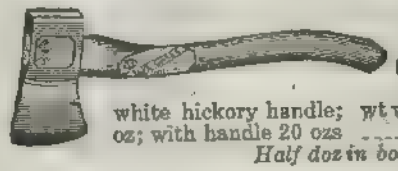
Per Doz

No. BG2210—Full polished and etched; white hickory handle; wt without handle 14 oz; wt with handle 20 ozs $34 20

Half doz in box.

—BLUE GRASS—

With Nail Slot.



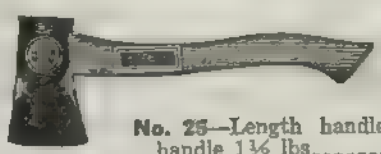
Per Doz

No. BG1110—Red and gold finish; white hickory handle; wt without handle 14 oz; with handle 20 ozs $33 45

Half doz in box.

CAMP HATCHETS

KEYSTONE



Forged steel; hardened poll; tempered bit; black finish; walnut stained fawn foot handle.

Per Doz

No. 25—Length handle 14 ins; wt with handle 1⅓ lbs $25 50

Half doz in cardboard box.

LEADER

Case hardened malleable casting, ebony black finish, raced bit. Stained hickory handle. Per Doz

No. 40—Length handle 14 ins $15 50

Half doz in cardboard box; wt per doz 19 lbs.

SCOUT'S HATCHET SCABBARDS

Good quality leather, well sewed, provided with patent fasteners on flap, back slit for belt.

Per Doz

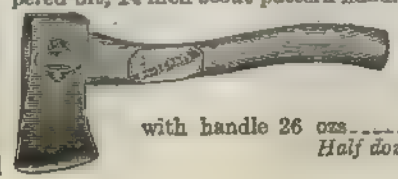
No. 10—Fits Nos. 3700, 2210, 1110 and 25 hatchets only. Wt per doz 1 lb. $10 50

Packed loose.

HUNTERS' AXES

—BLUE GRASS—

Best quality solid crucible tool steel; hardened poll; tempered bit; 14 inch scout pattern handle.



Per Doz

No. BG4710—Gun metal finish; white hickory handle; wt each with handle 26 ozs $33 00

Half doz in box.

These Mechanical KENTONTOYS Are Just What Boys Want

No getting around it . . . boys nowadays want toys that work like large, mechanical units. Yet, these toys must not be expensive, for a youngster's pocketbook is small at best.

That accounts for the increasing sales of these new Kentontoys. The Buckeye Ditcher, the Jaeger Concrete Mixer and the Vertical and Horizontal Engines are reasonably priced even though they do have a multitude of working parts.

There's a new Kentontoy catalog just off the press that we would like to send you . it shows these cast iron toys in their new, flashy colors—and gives complete specifications. Write for it

THE KENTON HARDWARE CO.
Kenton, Ohio

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SALESMEN FOR U. S. AND CANADA: THE RIEMANN-SEABREY CO., 215 FOURTH AVE., NEW YORK CITY
WESTERN REPRESENTATIVES: STANDARD TOY AGENCIES, 719 MISSION ST., SAN FRANCISCO, CAL.

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PLAYTHINGS

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OUR DISPLAY
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MORRISON HOTEL
It will amaze you

Buyers at New York Toy Fair were unanimous in their endorsement of the Most Outstanding Changes in Meccano History

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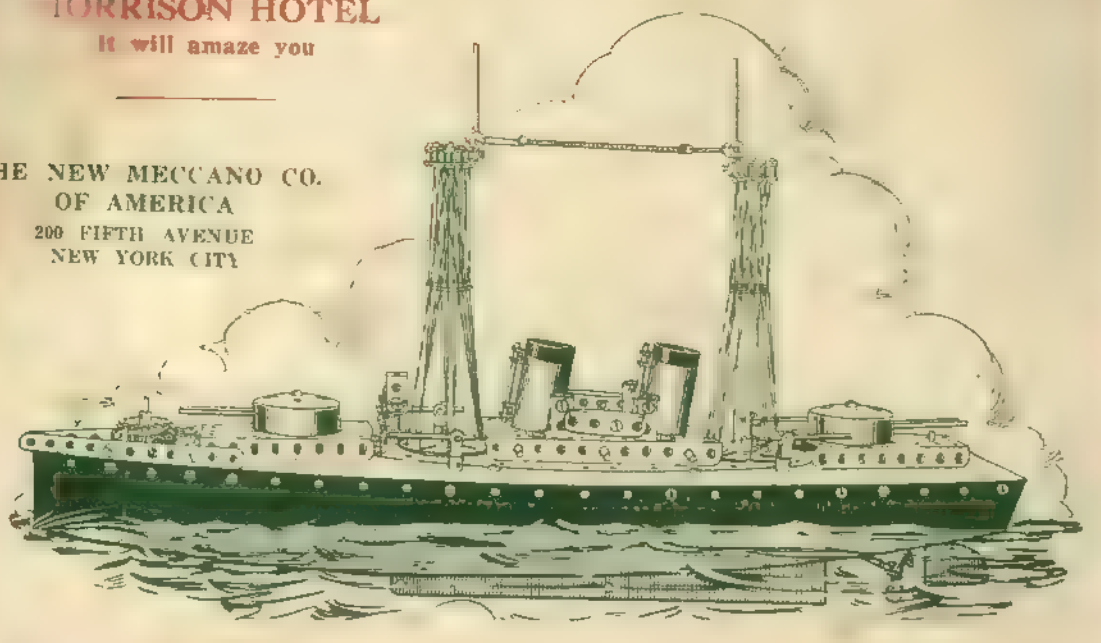

McCready Publishing Company 381 Fourth Ave. New York

KENTON TOYS

Greater Profits Are Speeding in Your Direction

Here is a KENTONTOY train that is so real you can almost hear it "choo-chooing" down the track. The box in which it is contained gives the necessary touch of realism which strikes the fancy of all the boys that see it . . . and they buy *quickly*.

Merchants like this new display idea which is given at no additional cost and are showing these boxed trains in their windows with wonderful results. If you want to see a bunch of little noses (and big ones, too) pressed against your store window, just try a display for yourself and you will be surprised how your profits will begin to make your cash register ring.

Our new catalog describes the new Kenton trains and all of the other KENTONTOYS recently introduced . . . write for it today . . . your copy will be sent at once.

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Kenton, Ohio

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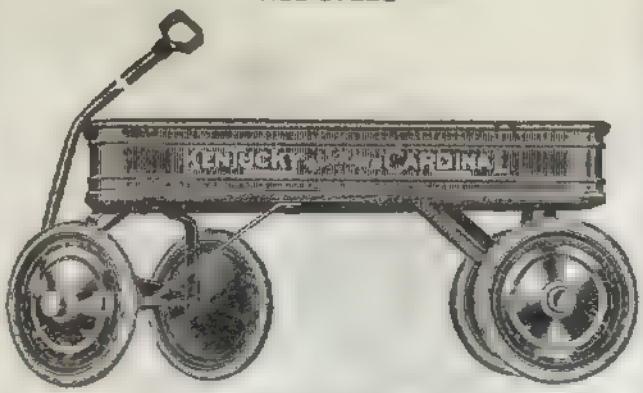
Western Representatives: Standard Toy Agencies, 718 Mission Street, San Francisco, Calif.

COASTER WAGONS

—KENTUCKY CARDINAL—

ALL-STEEL



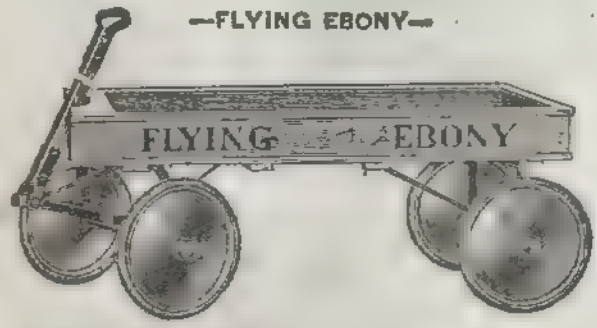
Double Disc Steel Wheels.

BODY—Heavy steel with roll rim around top.
GEAR—Flat steel with very strong braces. 1/2 inch cold rolled steel axles fastened to bolsters to prevent turning. Nickel plated hub caps.
HANDLE—Curved tubular steel with loop grip.
FINISH—Red baked enamel with white lettering.

No.	Plain Bearing 1228
Size body, ins	13x28
Diam wheels, ins	8
Diam rubber tires, ins	5/8
Wt per doz, lbs	360
Less than ½ doz, Per Doz	$105 00
½ doz or more, Per Doz	96 00

One in carton.

—FLYING EBONY—



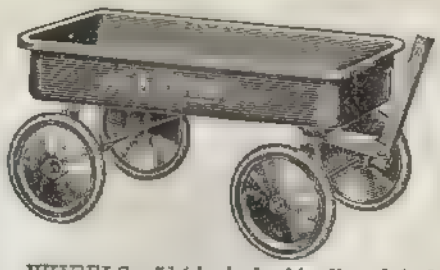
Roller Bearing Double Disc Steel Wheels.

BODY—Seasoned hardwood with cleats under bottom which permit detaching box from bottom. Size 16x36 inches.
GEAR—Channel steel, strongly braced, making rigid construction. 1/2 inch cold rolled steel axles.
WHEELS—10 inch roller bearing, fitted with 3/4 inch corrugated rubber tires. Nickel plated hub caps.
HANDLE—Varnished natural wood, equipped with loop grip.
FINISH—Box varnished natural, decorated in red and black; wheels bright red enamel; gear black enamel.

No.	382
Diam rubber tires, ins	3/4
Wt per doz, lbs	384
Less than half doz, Per Doz	$117 00
Half doz or more, Per Doz	108 00

One in carton.

BOYS' WAGONS



SON-NY

All Steel, with Rubber Tire Disc Wheels.

BODY—One piece heavy drawn steel, red enameled.
GEAR—Heavy steel, sturdily braced, black enameled finish.
WHEELS—5½ inch double disc plain bearing steel with ½ inch corrugated rubber tires, blue enameled.
HANDLE—Blue enameled hardwood.

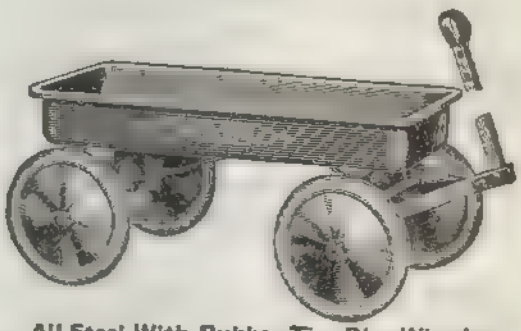
Per Doz

No. 144—Size body 17¼x8¾x2⅜ ins. deep; height 8¼ ins; length over all 40 ins. $24 75

(Sold in full carton lots only)

Half doz in carton, K. D.; wt per doz 84 lbs.

SON-NY



All Steel With Rubber Tire Disc Wheels.

BODY—One piece heavy drawn steel, red enameled.
GEAR—Heavy steel sturdily braced, black enameled finish.
WHEELS—6 inch double disc plain bearing steel with ½ inch corrugated rubber tires, blue enameled.
HANDLE—Blue enameled hardwood.

Per Doz

No. 53—Size body 20½x10½x2¾ ins; height 9 ins; length over all 43 ins. $49 50

(Sold in full carton lots only)

Half doz in carton, K. D.; wt per doz 110 lbs.

CHILDREN'S WAGONS

PLAYMATE, Disc Steel Wheels, Plain Bearing.

Selected hardwood body, varnished natural finish trimmed in red; black enameled steel gear; axles fastened in bolsters to prevent turning. Hardwood varnished natural finish handle with loop grip. Red enameled, plain bearing double disc steel wheels with high grade rubber tires.

Nos.	292	296	297
Body, ins	9½x20	10½x24	12½x28
Diam wheels, ins	5	6	7
Diam rubber tires, ins.	½	½	5/8
Wt per doz, lbs	84	108	175
Per Doz	$60 00	73 50	99 00

PARK CYCLES
—BLUE GRASS—

1 inch brazed tubular steel bicycle frame and fork, indian red and white baked enamel finish, gold striped. Wire spoke wheels with 1¾ inch high grade corrugated rubber tires. Ball bearing construction throughout. Equipped with motor bike type leather saddle, adjustable head extension nickel plated handle bars with rubber grips, New Departure coaster brake, large ball bearing rubber pedals, tail light reflector, parking stand with locking clip, sheet steel mud guards, tool bag with wrench and bicycle bell. Each

No. BG75—Diam wheels 14 ins; height frame 15 ins; height over all 28½ ins; length over all 46 ins..... **$49 50**

One in carton; wt each 36 lbs.

BICYCLETS
—BLUE GRASS—Ball Bearing.

High carbon tubular steel frame, red enameled, ⅞ inch in diameter; all joints outside, tapered carefully, pinned and brazed. 12 inch wheels roller chain ⅜x1 inch pitch with chain adjuster, regular bicycle sprocket, solid steel rims, rustproof wire spokes, ball bearing all steel hubs, ball bearing pedals with rubber foot pads, tubular handle bars with extension stems, nickel plated and equipped with red rubber grips. leather saddle well padded; cushioned springs, nickel plated; 1 inch solid cushion tires. Height over all 32 inches; length over all 41 inches. Each

No. BG16—Without coaster brake, wt 29½ lbs... **$29 25**
No. BG17—With coaster brake, wt 32½ lbs... **40 50**

One in carton

JUVENILE LAMPS

Steel lamp and battery case, black baked enamel finish with nickel trimmings; 2 inch reflector highly polished. Takes 1 only No. 790 Flashlight battery or 2 only No. 950 Unit Cells and No. 161 Bulb. Switch mounted on end of battery case.

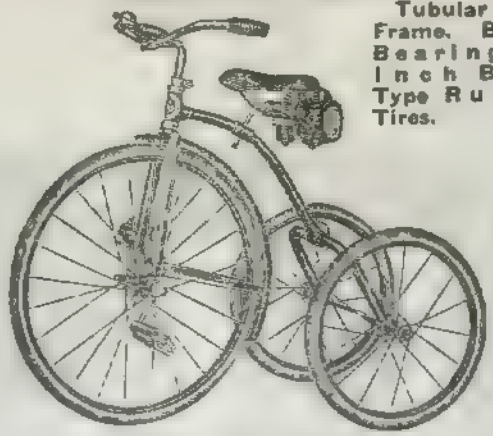
For velocipedes, toy automobiles, scooters, sidewalk bicycles, etc.

Price does not include battery. Each

No. M34—Less battery, with No. 1161 bulb... **$3 30**

One in cardboard box; wt each ¾ lb.

VELOCIPEDES
—BLUE GRASS—DE LUXE



Tubular Steel Frame. Ball-Bearing. 1⅜ Inch Balloon Type Rubber Tires.

Light blue enameled; nickel plated polished and buffed front fork. Equipped with bicycle bell, mud guard over front wheel, tool bag and red jewel mounted in rear of frame.

Adjustable nickel plated handle bars with rubber grips; bicycle type rubber pedals and nickel plated spokes and nipples (bicycle) construction.

Nos.	BG60	BG61	BG62	BG63
For child, yrs	2 to 3	3 to 5	4 to 7	6 to 12
Diam front wheel ins	14	16	20	24
Diam rear wheel, ins	10	10	14	16
Wt each, lbs.	22	24	27	31
Each	$27 00	29 25	36 00	40 50

One in carton, K. D.

—BLUE GRASS—

Tubular Ball-Bearing.

Heavy inch cushion rubber tires, nickel plated spokes and nipples (bicycle) construction; extra large leather saddle; nickel plated adjustable handle bars with rubber grips; rubber pedals; hubs, cranks and small parts nickel plated; ⅞ inch cold drawn seamless steel tubing frame, brazed at joints; frame and rims dark maroon, baked on high gloss finish.

Nos.	BG0	BG1	BG2	BG3
For child of years	2 to 3	3 to 5	4 to 7	6 to 12
Height front wheel, ins	14	16	20	24
Height rear wheels, ins	10	10	14	16
Ship wt each, lbs.	21	22½	24½	28
Each	$22 50	24 00	28 50	34 50

One in carton K. D.

REPAIRS FOR BLUE GRASS VELOCIPEDES

Front Wheels With Tire.

Nos.	0FW	1FW	2FW	3FW
For No	BG0	BG1	BG2	BG3
Each	$4 95	4 95	6 00	6 75

Rear Wheels With Tire And Bearings.

Nos.	0RW	1RW	2RW	3RW
For No.	BG0	BG1	BG2	BG3
Each	$4 05	4 05	4 50	5 10

	Pedals.		Pedal Arms.	
	Right	Left	Right	Left
Nos.	7R	7L	17RA	17LA
Each	$1 05	1 05	90	90

Packed loose.

KINESCOPE
(16 mm.)

KINESCOPE
(16 mm.)

KINESCOPE
(16 mm.)

KINESCOPE
(16 mm.)

Follow the Keystone Line

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For Slides

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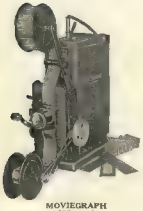
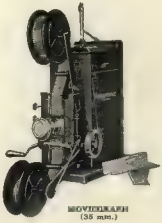
Keystone Manufacturing Company
288 "A" Street Boston, Mass.

KINESCOPE
(16 mm.)

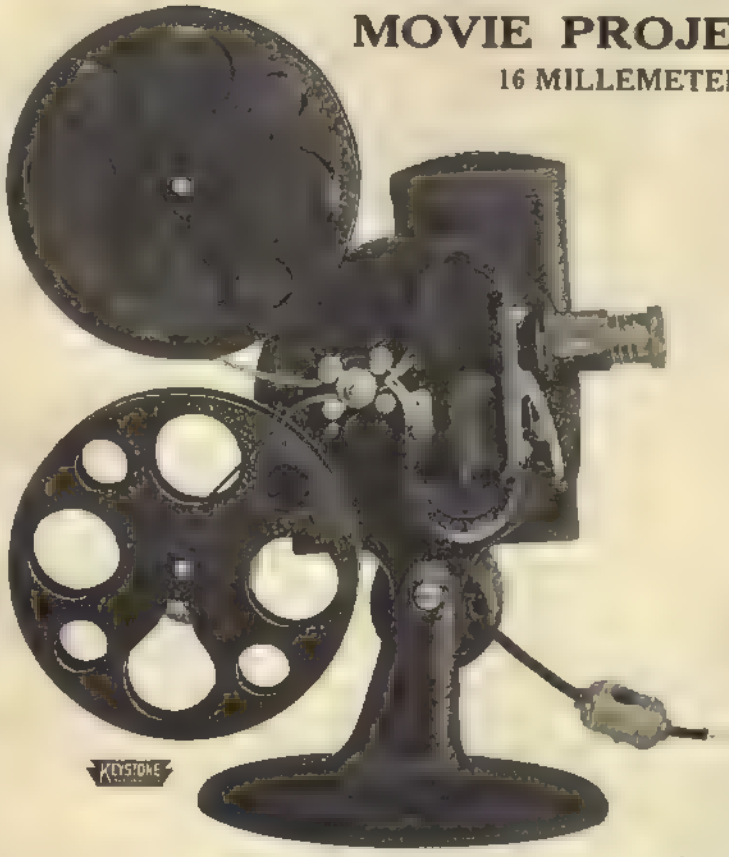

MOVIEGRAPH
(35 mm.)


MOVIEGRAPH
(35 mm.)

MOVIEGRAPH
(35 mm.)

RADIOPTICAN

KEYSTONE
KINESCOPE
MOVIE PROJECTOR
16 MILLEMETER



for

16

Millemeter Film

Retail from $7.50 to $45.00 With a Complete Line of Films

"FOLLOW THE KEYSTONE LINE"

New York Showroom Room 432 Fifth Avenue Building

KEYSTONE MANUFACTURING CO.
288 A STREET, BOSTON, MASS.

Start your letter right: "I saw your ad in PLAYTHINGS."

"Like-Mother's"

(Trade Mark Registered)

Aluminum Toy Sets

Percolator Sets
Tea Sets
Pastry Sets
Water Sets
Cooking Sets
Stoves
Tables
Kitchen Cabinets

No. 1182

One of the many popular numbers in the "Like-Mother's" line of Aluminum Toy Sets

HERE is a complete line of Toy Aluminum Sets that sell on solid VALUE . . . and never by mere ILLUSION.

VALUE is the reason why leading department and toy stores have found it so easy to build such worth-while repeat business through their sale.

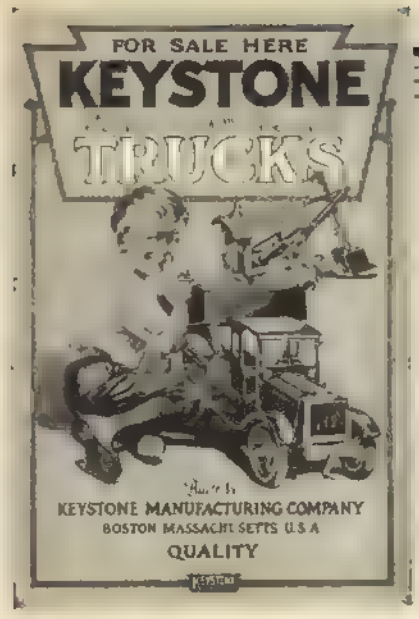
They are safe, even for the tenderest fingers. Parents like them. Made of pure aluminum metal . . . correctly proportioned . . . beautifully polished.

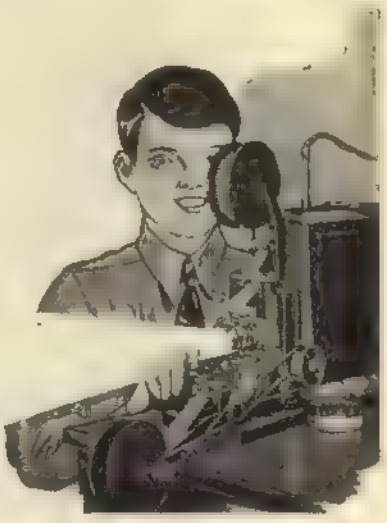
The sale of these Sets is stimulated by "Like-Mother's" Stoves and Kitchen Cabinets . . . proportioned to go with the aluminum dishes and utensils, and increasing their play value and educational merit.

"Like Mother's" Toy Sets
will be shown
at New York's
Summer Toy Week, June 9-14
Hotel McAlpin

The Geo. H. Bowman Co., *Manufacturers*

CLEVELAND, OHIO





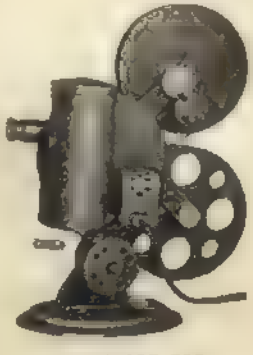
KEYSTONE MOVIEGRAPHS

"FOLLOW THE KEYSTONE LINE"

16 MILLIMETER KEYSTONE KINESCOPE PROJECTOR

(New! New!) ($7.50 to $46.50 Retail)

KEYSTONE HEAVY STEEL TOYS
KEYSTONE MOVIEGRAPH
KEYSTONE RADIOPTICAN



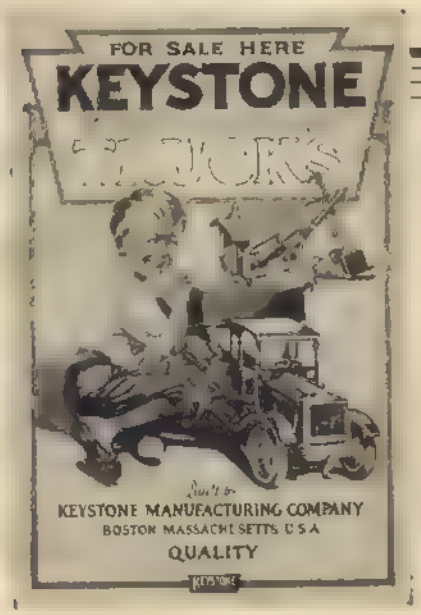
KINESCOPE FOR
16 MILLIMETER FILM

KEYSTONE MFG. CO.
288 A St. Boston, Mass.

NEW YORK SHOWROOM:
206 FIFTH AVENUE

KEYSTONE
RADIOPTICAN

Start your letter right: "I saw your ad in PLAYTHINGS."



New Features

HEAVY STEEL TOYS

RADIOPTICANS

MOVIEGRAPHS

"FOLLOW THE KEYSTONE LINE"

AT THE CHICAGO TOY FAIR

MORRISON HOTEL, PARLOR "H"

FIFTH AVENUE BUILDING
ROOM 432 200 FIFTH AVENUE

KEYSTONE MFG. CO.

288 A STREET

BOSTON MASSACHUSETTS

COMBINATION PEANUT ROASTERS AND POPCORN POPPERS

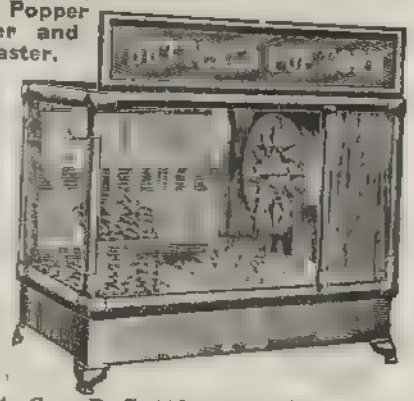
Double oak case and frame, with double strength glass and display shelf. Furnished with a peanut cylinder and a popcorn cylinder, either of which can be removed or replaced in a few seconds. Heat from popper keeps contents of case warm. Mounted on steel wheels and equipped with torch for illumination.

Capacity of popcorn cylinder, 8 quarts, each four minutes; capacity of peanut cylinder, two pecks each, twenty five or thirty minutes; capacity of popcorn case, 8 pecks; capacity of display shelf, 14 sacks; Height to top of base, 64½ inches; length over all, including wheels, 61 inches, width including wheels, 35½ inches. Each

No. 62—For gasoline; wt each about 260 lbs..... ✚$540 00

KINGERY, ELECTRIC

Continuous Corn Popper With Butter Coater and Cylinder Peanut Roaster.



Nickel silver base, mounted on nickel plated brass legs; nickel silver show case moulding; double strength window glass in case; furniture steel panels, mahogany finish. Front nickel plated copper with paneled nickel silver popper cylinder. Equipped with two electric light sockets on inside of case.

Note—Operates on A. C. or D. C. 110 to 220 volts. When ordering state whether A. C. or D. C. if alternating current give number of cycles. Each

No. 995—Length 34 ins; width 17 ins; height (not including sign) 80½ ins; ship wt each 125 lbs..... ✚$720 00

KINGERY

Continuous Corn Popper With Butter Coater And Peanut Roaster.

Cabinet of metal construction body and case made in one piece of heavy furniture steel with all joints securely welded; outside finished in mahogany, inside gray enameled. Metal doors and window frames with bevel plate glass, nickel plated decorations. Equipped with flash type electric sign flashing on and off at regular intervals. Corn popper designed that it may be operated independently of the butter coater, allowing an accumulation of corn permitting operator to prepare it specially for each customer.

Capacity of hopper 12 pounds; pop corn case 1 bushel, butter tank ½ pound; corn popper 16 to 40 quarts per hour; peanut roaster ½ bushel; peanut warmer 1 bushel.

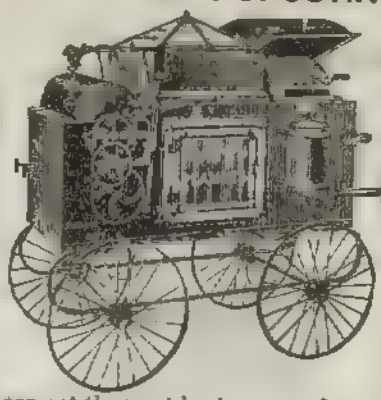
Note—Operates on A. C. or D. C. 110 to 115 volts. When ordering state whether for A. C. or D. C. if alternating current give number of cycles. Each

No. 994—Floor space 29x30 ins; wt each 750 lbs..... ✚$1657 50

✚ F. O. B. Ohio Factory Only.

COMBINATION PEANUT ROASTERS AND POPCORN POPPERS

D 6



Constructed of steel, cast iron, galvanized iron, copper, nickel silver and glass. No wood used except for holding the glass in the nickel silver frames at side of case and top of warmer, where the heat does not affect it.

The peanut cylinder is run by spring power and the popper by hand. Copper warmer heated by hot water and steam from pipes leading to the burners under peanut cylinder, and so constructed that the nuts on top get the most heat—a very important feature.

The nuts can be tested without stopping the cylinder. When roasting is completed the nuts are dumped into the warmer by a swinging frame, whereby the cylinder is lifted and the contents emptied. The popped corn rolls from the popper into the case. Equipped with a torch for illumination and a gong bell attached under machine, which by pulling a chain, attracts attention of the people.

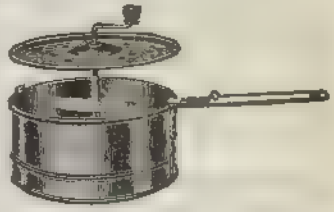
Capacity of peanut cylinder, 10 quarts per roasting; capacity of warmer 3 pecks; capacity of popper, 4 bushels of popped corn per hour; capacity of popcorn case, 2 bushels of popped corn; height 51½ ins; height to top of tank 64 ins; length, including wheels, 52 ins; width, including wheels, 27 ins. Each

No. 95—For gasoline..... ✚$678 00

One in crate; wt each about 325 lbs.

CORN POPPERS

E-Z



Heavy blue steel pan, edge rolled over heavy wire to strengthen body; perforated metal cover; bright steel handle electrically welded to pan. Equipped with turning device for popping corn which is easily operated and fitted with patent catch for securely holding cover.

Diameter top 8⅝ inches; height 4 inches; length of handle 7⅝ inches.

No.	E-Z
Less than 1 doz, Per Doz	$25 20
1 Doz or more, Per Doz	24 00

One doz in carton; wt per doz 28 lbs.

—BLUE RIBBON—

30 gauge cold rolled steel, polished. Rimmed edges; red stained wood handle, securely fastened; coarse wire screen cover.

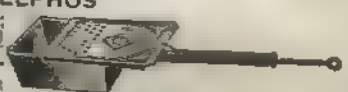
Opened and closed by means of rod extenting along handle, operated by thumb.

Capacity 2½ qts; length 9½ ins; width 7½ ins; depth 3½ ins; length handle 24 ins. Per Doz

No. 24—Wt per doz 12 lbs..... $9 45

One doz in carton.

DELPHOS



Cold rolled blue steel; rimmed edges; sheet metal handle, securely riveted; perforated metal cover, with sunken butter drainer; opened and closed by means of a tinned wire rod operating through handle. Capacity 4 qts; length handle 16 ins. Size pan 7x9x3½ inches.

No.	12
Less than case lots, Per Doz	$9 45
Full case lots, Per Doz	9 00

One doz in carton; wt per doz 17 lbs.

✚F. O. B. Ohio Factory Only.

D 6

CORN POPPERS

SQUARE

Wire body and cover, 8 mesh to the inch; bright tin bound; coppered steel brace wires and catch, 12 gauge; red stained wood handle, 22 ins. long.

Nos.	1	2
Capacity, qts	1	2
Size, ins	7x5½	9x6½
Depth, ins	2½	3
Wt doz, lbs	3½	4
Per Doz	$5 70	8 70

One doz in carton.

ROUND

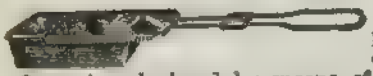
Wire body, 8 mesh to the inch; bright tin bound 12 gauge steel brace wires and catch; red stained wood handle. Stamped tin cover.

Per Doz

No. 0—Capacity 1 qt; diam 6 ins; depth 2¾ ins; length handle 22 ins $6 75

One doz in carton.

THRIFT



Cold rolled blue steel, pan and cover; rolled edges; wire handle.

Opened and closed by means of wire extending through handle. Size of pan 6¾x6x2¼ inches; length of handle 13½ inches.

Per Doz

No. 25—Capacity 1 qt $3 60

Three doz in carton; wt per doz 21 lbs.

LEADER

Wire body, 8 mesh to the inch; blued steel bound edges and solid top. 12 gauge steel brace wires; red stained wood handle 17 inches long.

Per Doz

No. 27—Capacity 1 qt; length 6½ ins; width 5 ins; depth 2⅝ ins $3 75

Six doz in carton; wt per doz 6½ lbs.

PIE PLATE HOLDERS

PORTABLE

Steel wire, retinned. Frame No. 7 wire; rings No. 12 wire.

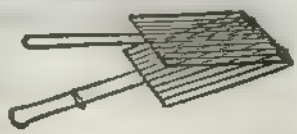
Per Doz

No. 380—Capacity 4 plates, diam 7 ins; height over all 11 ins $7 20

One doz in pkg; wt per doz 5 lbs.

WIRE GOODS

BROILERS



Steel wire, retinned. Ringed. Frame and handle No. 13 wire; bars No. 15 wire; length frame 9 ins; length handle 9 ins.

Nos.	71	72
Width, ins	8	10
Wt doz, lbs	6	7
Per Doz	$6 30	8 25

Half doz in bdle, wrapped.

BROILERS

Retinned, bars fastened in steel frame, hinged; twisted handles.

Per Doz

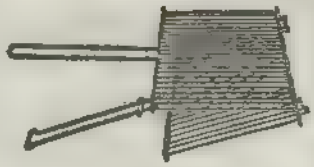
No. 141—Bars No. 15 wire; handles No. 14 wire; length handle 9½ ins; size broiler 9x10½ ins $13 20

No. 142—Bars No. 13 wire; handles No. 11 wire; length handle 9½ ins; size broiler 9x9 ins 15 75

Half doz in bdle, wrapped; wt per doz 10 lbs.

WIRE GOODS

HOTEL BROILERS



For hotels, restaurants, etc. Bars riveted to steel frame ⅝ inch wide; bars and handles, No. 8 wire; retinned. Hinged. Length frame 12½ ins; width frame 9 ins.

Per Doz

No. 22—Length handle 13½ ins $75 75

One doz in bdle, wrapped; wt per doz 40 lbs.

TEA AND COFFEE STRAINERS

Bright tin rim, fine mesh wire cloth; shallow Bright wire bail and fastener; size 1¾x1¼ ins.

No.	690
Per Doz	$1 05
Per Gro	11 25

One doz in box; wt per doz 1½ lbs.

TEA AND COFFEE STRAINERS

Bright tin rim with rest; 18 plain mesh wire cloth; bright twist handle, maroon wood grip. Length handle 4¼ inches.

	Per Doz	Per Gro
No. 8118—Bowl 2½x1 ins	$1 65	18 75

Two doz in box; wt per doz about ⅝ lb.

	Per Doz	Per Gro
No. 8028—Bowl 3⅛x1¾ ins	$2 40	27 75
No. 8038—Bowl 3⅛x2 ins	2 85	31 50

One doz in box; wt per doz about 1 lb.

Bright tin rim, with rest; 16 mesh wire; bright twist wire handle; maroon wood grip. Length handle 6 inches.

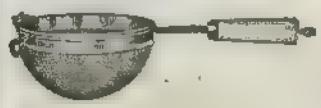
	Per Doz	Per Gro
No. 716—Bowl 4⅞x2½ ins	$3 30	35 25

One doz in cardboard box; wt per doz 2 lbs.

Bright tin rim with rest; 18 mesh wire cloth. Bright twist wire handle; maroon wood grip. Length handle 6 inches.

	Per Doz	Per Gro
No. 731—Bowl 5¾x2¾ ins	$4 05	45 00

One doz in box; wt per doz 1½ lbs.



Bright tin rim with two rests; 18 mesh wire cloth; white enameled handle. Length 5¼ inches.

	Per Doz	Per Gro
No. 7160—Bowl 5x2¼ ins	$3 60	39 75

One doz in cardboard box; wt per doz 4 lbs

Bright tin rim with two rests; reinforced 18 mesh wire cloth; white enameled handle, length 6 inches.

	Per Doz	Per Gro
No. 7320—Bowl 5½x2¾ ins	$5 10	57 75

One doz in cardboard box; wt per doz 2½ lbs.

MECHANICAL TOYS

IMPORTED JIGGS AND MAGGIE

Sheet metal, highly lithographed as in newspaper cartoon. Both figures mounted on wheels, connected by a flat steel spring, when in operation gives the effect of Jiggs and Maggie quarreling, she beating Jiggs with rolling pin.

Per Doz

No. 6129—Length 7 ins; height 5½ ins..... $12 75

One in cardboard box; wt per doz 3¼ lbs

MUSICAL FELIX CAROUSEL

Sheet metal, highly lithographed with Felix cat figures seated on balloon and automobiles. When in opertion gives a regular merry-go-round effect, balloons and automobiles flying in the air.

Per Doz

No. 6179—Height 7 ins; diam 6½ ins $25 50

Half doz in box; wt per doz 9 lbs.

THE WALKING PORTER

Sheet metal, substantially constructed and attractively lithographed. The action of this ingenious toy is very life like as it walks and pushes the little cart.

Per Doz

No. 640—Length 7 ins; height 5½ ins $12 75

One twelfth doz in cardboard box, wt per doz 6 lbs.

CLIMBING MONKEY

Sheet metal lithographed in six colors; fitted with tassel on the turban of monkey. Climbs up and down with grace of a live monkey.

Per Doz

No. 626—Length over all 10 ins; width 8 ins $6 00

One in cardboard box; wt per doz 4½ lbs.

DIZZY LIZZIE

Sheet metal, decorated with numerous funny sayings. Equipped with strong spring which enables it to run forward, shivering and rattling from side to side.

Per Doz

No. 644—Length 7 ins; height 4¼ ins; width 4 ins..... $6 30

One-twelfth doz in cardboard box; wt per doz 10 lbs.

MECHANICAL TOYS

SPARKS

Sheet metal, lithographed in attractive colors. Equipped with strong spring motor that keeps it in motion for several minutes. A true representation of a racing machine, shoots harmless sparks from rear as it travels straight or in a circle.

Per Doz

No. 1775—Length 9¾ ins; height 4½ ins; width 4 ins... $8 45

One in cardboard box; wt per doz 4 lbs.

Flutterfly.

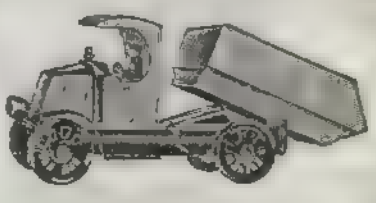
Mechanical butterfly which by means of a suction cup, can be placed any where and its natural-colored celluloid wings flutter realistically. Preforms on window, wall or on the edge of counter.

Per Doz

No. 00—Length 3 ins; wing spread 5½ ins... $6 45

One in cardboard box; wt per doz 3½ lbs.

DUMP TRUCK



Sheet metal, attractively lithographed in bright colors.

An exact miniature of a regular truck; equipped with strong spring.

Per Doz

No. 722—Length 13½ ins; height 6 ins..... $6 30

One half doz in cardboard box; wt per doz 6 lbs.

BIG SHOW CIRCUS

Sheet metal, lithographed like a regular circus van. Equipped with strong spring that operates trainer, lion and auto.

Per Doz

No. 693—Length 9 ins; height 5¾ ins..... $27 00

One twelfth doz in cardboard box

FUNNY FACE WALKING BOY

Sheet steel, lithographed in attractive bright colors. As the boy walks along the expression of his funny face changes from joyful smiling expression to a gloomy, frowning one, repeating this action as he keeps walking.

Per Doz

No. 625—Height over all 11 ins, width 4½ ins..... $16 50

One in cardboard box; wt per doz 8 lbs.

MECHANICAL TOYS

ZEPPELIN

Sheet metal, lithographed to resemble a real zeppelin. It flies under its own power in circle when suspended by a string. Equipped with stop and start device.

Per Doz

No. 47—Length over all 10 ins..... $12 75
One-twelfth doz in cardboard box; wt per doz 8 lbs.

BALKING MULES

Jenny.

Sheet metal handsomely finished. Goes forward and backward; stubbornly balks with forelegs set-out, throws hind legs in air.

Per Doz

No. 655—Length over all 10¾ ins; height 5½ ins..... $12 75
One-twelfth doz in cardboard box; wt per doz 5 lbs.

YELLOW TAXI

Sheet metal, enameled black and yellow. Runs in circle or straight away.

Per Doz

No. 659—Length over all 8 ins..... $12 75
One-twelfth doz in cardboard box; wt per doz 9 lbs.

MACK WRECKER

Sheet metal enameled finish. Has towing arrangement and fully equipped to tow broken down cars.

Per Doz

No. 315—Length 9½ ins; width 4 ins; height 4¼ ins..... $6 30
One in cardboard box; wt per doz 8 lbs.

WATER SPRINKLERS

Sheet steel lithographed in attractive colors. Equipped with front bumper, large tank and sprinkler attachment. Runs straight away.

Per Doz

No. 72—Length over all 11 ins; height 5 ins..... $15 75
One in cardboard box; wt per doz 11½ lbs.

STRAUSS INTERSTATE BUS

Sheet metal, lithographed in attractive colors. Runs straight away.

Per Doz

No. 109—Length 10½ ins; height 5¾ ins; width 4½ ins..... $27 00
One in cardboard box; wt per doz 15 lbs.

TOONERVILLE TROLLEY

Sheet metal, beautifully lithographed red and yellow. Goes forward, stops, starts, bouncing along—the Old Skipper working hard all the time. No track needed.

Per Doz

No. 615— Length 6¾ ins..... $13 50
One-twelfth doz in cardboard box; wt per doz 10 lbs.

MECHANICAL TOYS

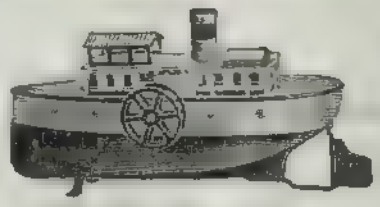
NIFTY AUTOMATIC DUMPING TRUCK

Sheet metal, attractively lithographed in green and red. So designed that after a small run the truck stops automatically dumping its load and again goes onward.

Per Doz

No. 606—Length 10 ins... $25 50
One-twelfth doz in cardboard box; wt per doz 4½ lbs.

BOAT

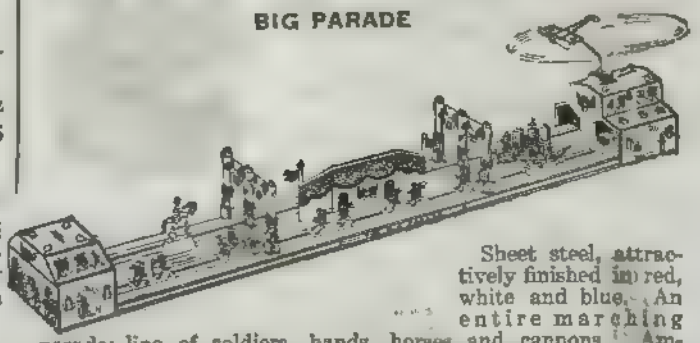


Sheet metal body, finished in bright colors. Operated by clock work, river side wheel type.

Per Doz

No. 401—Length over all 7½ ins $25 50
One in cardboard box; wt per doz 18 lbs.

BIG PARADE

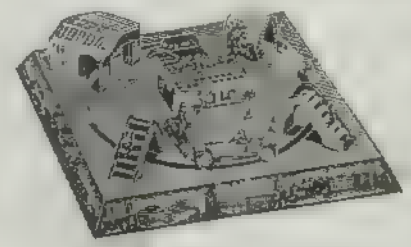


Sheet steel, attractively finished in red, white and blue. An entire marching parade; line of soldiers, bands, horses and cannons. Ambulances in rear, all in motion marching in front of crowded grandstand and reviewing stand.

Per Doz

No. 800—Length 24 ins; width 3¼ ins; height 2¾ ins... $30 00
One in cardboard box; wt per doz 18 lbs.

PINCHED

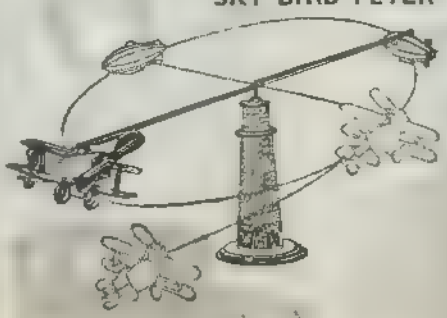


Sheet steel, attractively lithographed in bright colors. A new idea in mechanical toy construction, equipped with motor cycle cop that hides behind station and shoots out quickly to stop and pinch auto driver.

Per Doz

No. 130—10 ins square; height 3½ ins..... $25 20
One in cardboard box; wt per doz 12 lbs.

SKY BIRD FLYER



Sheet steel, attractively lithographed in bright colors. Very realistic and amusing action, equipped with brake that acts as a stop and start, and airplane is finished in biplane style, the plane rises from the ground, flies up on its own power, circles tower several times and then glides down to the ground

Per Doz

No. 100— Height tower 10 ins; width 5 ins; length beam 18 ins; size airplane 6x9 ins; size zeppelin 4½ ins long.. $25 20
One in cardboard box; wt per doz 12 lbs.

$100 Reward

$100 reward will be paid by The Kingsbury Mfg. Co., as a prize to the dealer with the best window display of Kingsbury *Silver Arrow* Flying Planes—or any other model airplanes. Any size window may be entered; small windows will be given equal consideration with large ones. No rules or regulations, nothing complicated. Simply have a good window display and send us a photograph of it not later than July 31st. The winner will receive our check for $100

You *can't lose* in *this* contest. For whether you win the prize or not, you are certain to increase your sales volume by tying up with the Big Kingsbury Advertising Campaign.

This campaign includes—

All Kingsbury Passenger Car Toys now actually designed and built with "Body by Fisher," just as real cars are so equipped—an exclusive Kingsbury feature and a real money-maker for you. . . . Two new model *Silver Arrows*, making six in all. . . . *Silver Arrows* are equipped with adjustable wings for setting in different positions to insure flying under all conditions. This wing flexibility is also a great factor in resisting smash-ups . . . motion pictures of Kingsbury Toys taken by Fox, Paramount and International, being shown in motion picture theatres all over the U. S. A. . . . *National* advertising *every* month in the year. . . . *more* advertising to a larger audience than ever through Child Life, Model Airplane News, Modern Mechanics, Open Road, Popular Mechanics, Popular Science Monthly.

Now, right now, is the time to put in your window display. The Kingsbury advertisement shown above goes into the American Weekly, *June 29th!* A reproduction of this ad together with the above easel-back, window display will be sent immediately upon request. Putting these in your window will help you win the prize. Send for them now so that you may run your window display *before* the ad appears. Remember that all this follows Children's Day, enabling you to cash in on Kingsbury's big summer advertising program.

See that you are fully stocked on *Silver Arrows* and other Kingsbury Toys. Order now—from Riemann, Seabrey Co. Inc., 215 Fourth Ave., New York City.

\+ + +

KINGSBURY MANUFACTURING CO.
Keene, N. H.

Sales Office for U. S. and Canada: RIEMANN, SEABREY CO., INC., 215 Fourth Ave., New York City
Pacific Coast Representative: STANDARD TOY AGENCIES, 718 Mission St., San Francisco

Golden Arrow No. 337

Sunbeam No. 333

Wrecker No. 348

Monoplane (Hoop plane) No. 710

Kingsbury Passenger Cars now equipped with "Body by Fisher"

A few of the more than 50 toys made by Kingsbury

KINGSBURY *MOTOR DRIVEN* TOYS

NATIONALLY Advertised EVERY Month of the Year

On June 29th, immediately following Children's Day, this 4-color, half-page Kingsbury advertisement will appear in the Comics Section of the American Weekly—the magazine sold with the Sunday edition of newspapers with a total circulation of over six million, published in 17 large cities all over the U. S. A.

This striking 5-color easel back display will help sell the Silver Arrows. Place it in your window or on your counter to attract trade.

Act before

MIDNIGHT, May 1st

This is a hurry-up call to live dealers. Dealers who want their names and addresses published in the Kingsbury 4-color, half-page advertisement, reproduced above, in the Comics Section of the American Weekly, June 29th, must make arrangements at once. Names and addresses must reach us not later than midnight, May 1st.

Only a certain fixed number of dealers' names can be printed in the limited space of the special *"Where to Buy"* Section of this advertisement. And reservations already received now occupy most of the space. There is room for only a few more names, so you must act quickly.

Remember, this advertisement will reach more than six million readers. Thousands of these buyers live within shopping distance of your store. Your name and address in this advertisement tells them to buy from you. Remember, too, that this advertisement, immediately follows Children's Day, thereby enabling dealers to cash in on the summer toy interest already created. We also supply you with the striking 5-color window display shown above.

As little as $100 order will assure your name and address appearing in the special *"Where to Buy"* Section of the American Weekly ad. This size order has been arrived at to insure sufficient distribution of Kingsbury *Silver Arrow* Flying Planes in your territory, so that consumers can get them at your store. A July 1st dating on these goods enables you to sell them before paying for them.

In Addition

In addition to the Kingsbury Promotion Advertisement, the big Kingsbury campaign for 1930 embraces:

1. A 2 Kingsbury Passenger Car Toys now are us ly designed and built with Body by Fisher ... ust as real cars are so dipped—an exclusive Kingsbury f ature and a rea money maker f you.
2. Two new model Silver Arrows making a t o all ... dipped with ad ... able wi ... s for selling in different ... ces ... to ... ture flying ... a good thing. This wing detail l ... is also a great fact ... in reducing smash ups.
3. Motion pictures of Kingsbury Toys taken by Fox, Paramount and ... ional News Reel Organizations, being shown to millions in the theatres throughout the country.
4. National Advertising Every month of the year and more of it ... ng a larger audience than ever through Child Life, Model Airplane News, Modern Mechanics Open Road, Popular Mechanics, Popular Science Monthly.
5. And a big Window Display Contest for Dealers—details to be announced in the May trade papers.

Send your order to
Riemann, Seabrey Co., Inc.
215 Fourth Avenue, New York City

Kingsbury Toys will be on display at the Chicago Toy Fair in the Rose Room of the Morrison Hotel, Chicago, April 28 to May 10. Be sure you see these fast-selling toys

Kingsbury Manufacturing Co., Keene, N. H.

Sales Office for U. S. and Canada: Riemann, Seabrey Co., Inc., 215 Fourth Ave., N. Y. C
Pacific Coast Representative Standard Toy Agencies, 718 Mission St., San Francisco

Golden Arrow
No. 337

Sunbeam
No. 333

Wrecker
No. 348

Monoplane (floor plane)
No. 718

Kingsbury Passenger Cars now equipped with Bodies by Fisher"

A few of the more than 50 toys made by Kingsbury

KINGSBURY MOTOR DRIVEN TOYS

***Nationally* Advertised *Every* Month of the Year**

By Actual Test "KING" AIR RIFLES Are the Best

No. 1644 KING JUNIOR SINGLE SHOT AIR RIFLE. Heavy blued steel barrel, full length 27 in. Easy break down action, walnut finished stock, shoots B.B. shot. Packed 1 doz. in original case.
Per doz. ..... 7.00, each ..... .72

No. 1644, Doz. .. .7.00

No. 1646 KING 500 SHOT AIR RIFLE. Beautifully designed, well balanced repeater, will shoot successively with one loading 500 shots. Best grade polished blued steel barrel, and metal parts, walnut finished stock, open rear sight, shoots B. B. bullets with force and accuracy. Full length 31 in.
Per doz. ..... 13.00, each 1.15

No. 1646, Doz 13.00

No. 1647 KING 1000 SHOT AIR RIFLE. This is hammerless magazine repeater with easy lever action. Shoots successively 1000 shots after one loading All metal parts heavy blued polished steel. Walnut finished selected wood stock, loads automatically. Shoots air rifle shot with great force and accuracy. Full length 35 in. Gun of great merit.
Per doz. ..... 15.00, each 1.35

No. 1647, Doz. 15.00

"King" Dart Shooting Air Gun

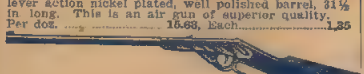
No. 1648 KING DART GUN. Easily operated Is a hard hitter, equipped with automatic locking device and dart magazine holding 3 darts, heavy gun metal barrel, walnut finished stock. Full length 31½ in. Wonderful gun for target shooting, reliable and accurate. Per doz. ..... 18.00, each 1.60

Shipping single rifles requires special packing, which explains the variation of price.

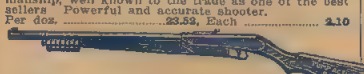
No. 1648, Dart Gun. Doz. .....

Daisy Air Rifles

No. 5097 DAISY AIR RIFLE. 350 shot, repeater, lever action nickel plated, well polished barrel, 31½ in long. This is an air gun of superior quality.
Per doz. ..... 16.68, Each 1.35

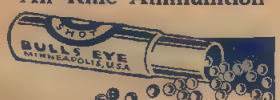


No. 5098 DAISY AIR RIFLE. 1000 shot repeater, finely constructed, lever action, 26 in heavy nickel plated, polished barrel. It is of a superior craftsmanship, well known to the trade as one of the best sellers Powerful and accurate shooter.
Per doz. ..... 23.52, Each 2.10



No. 5099 DAISY PUMP GUN. New model, 50 shot, with latest improvements. Thoroughly reliable, and of good craftsmanship finish. Walnut stock, and hand slide. The pride possession of any lad.
Each 3.26

Air Rifle Ammunition

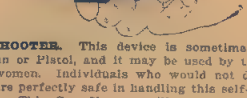


No. 1649 B B AIR RIFLE SHOT. Each ball is perfect, smooth and round, shiny steel, nicely polished. They do not flatten out or plug the gun, hard hitting, 155 shots in paper tubes with slip-off top. 100 tubes in a case.
Per case ..... 3.20, per doz. tubes ..... .42

Darts for Target Shooting

No. 2767 DARTS. Specially designed for target shooting These are regulation size made of 1 piece of machine turned steel, sharp pointed, mounted with tufts of colored wool, assorted colors.
Per gross ..... 2.25, per doz. ..... .20

"Buco" Gas Shooter



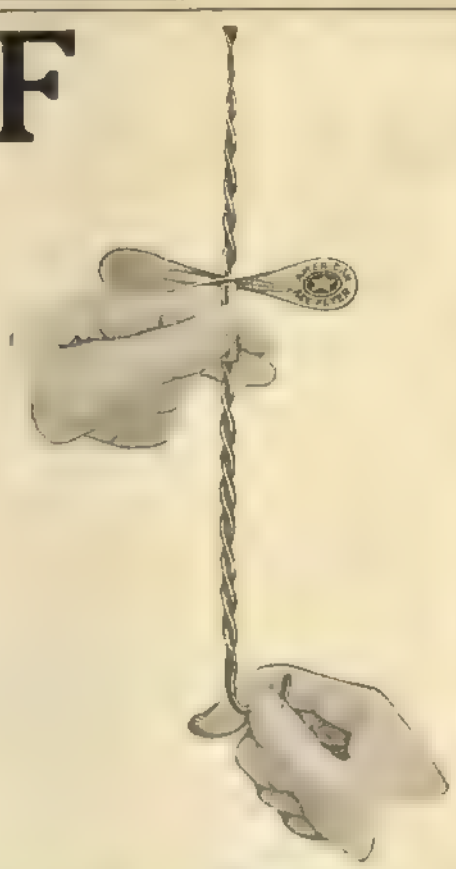
GAS SHOOTER. This device is sometimes called Gas Gun or Pistol, and it may be used by the most timid women. Individuals who would not dare fire a gun are perfectly safe in handling this self-defense weapon. This Gas Shooter will not kill, but will disable anyone who comes within fifteen feet when it is shot off, and the attacker can be handled very easily after the charge is fired, for he is helpless and powerless. It is a sturdy built little device, easily loaded, and discharges with a small push button. It shoots by repercussion—the barrel springing backward over the shell which shoots the gas out forward, in a spreading cloud without a shock. The knurled end is removed and shell inserted from the back, cap then is replaced, barrel is pulled out and it is ready to shoot. Full instructions how to handle is enclosed with each. Made in 410 gauge, which in size contains about twice the charge that would be used in a 38 S. & W. Special Shell, and is more effective.

No. 5303 Gas Shooter, Each 3.50
No. 5304 Gas Shells for above.
Each ..... .30

NOTE: Fountain Pen Gas Pistols are listed on another page, which see.

KIRCHHOF

AMERICAN ACE FLYER



in bright lithographed colors. Retails for 1 cent. A popular Toy in all seasons and always in demand. Cash in on the Consumer Appeal of this great leader.

Write today for information

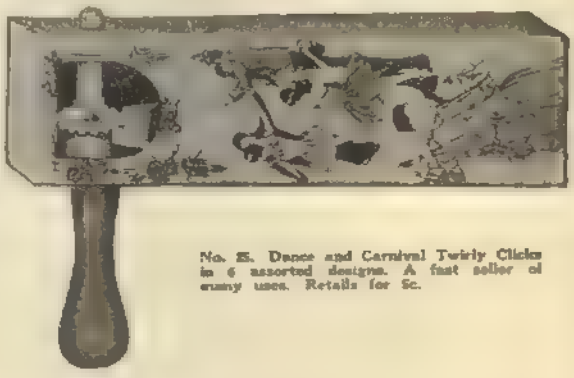
KIRCHHOF Easy Selling Toys and Novelties Give You a Wide, Low Priced Line To Offer Customers

THE NEWEST KIRCHHOF KAZOO. Finished in Beautiful Sanitary Gold Lacquer with 3 keys and screwtop in assorted colors. Sells for 5c. A record breaking all-year seller.

Screamer Whistles, 1c.

Spinning Tops, 1c.

Dance and Carnival Crickets, 1c.
in 7 attractive designs
Also Old Glory Crickets for Patriotic Holidays



No. 5. Dance and Carnival Twirly Clicks in 6 assorted designs. A fast seller at many uses. Retails for 5c.

Jobbers: Send for Complete Price List. Ask About Our Special Limited Try-Out Assortment Offer

THE KIRCHHOF PATENT CO.

60-64 Union Street Dietze Building Newark, N. J.

VELOCIPEDES

Steel Tires.

Black enameled frame; wheels, cranks and pedals red enameled; slide adjustment handle bars, with natural wood grips; adjustable fibre saddle.

Nos.	0E	1E	2E
Height front wheel, ins	14	16	20
Height rear wheels, ins	10	12	14
Wt doz, lbs	123	135	171
Each	$5 55	6 30	7 20

(Crates will not be broken.)

Three in crate, K. D.

VELOCIPEDE ASSORTMENTS

Per Ass't

No. 12E—Ass't consists of one each Nos. 0E, 1E and 2E velocipedes $19 50

LITTLE TOT

Wrought iron frame, black enameled; wheels, cranks and pedals red enameled; stationary handle bars; adjustable fibre saddle; black enameled wood grips. Equipped with ½ inch rubber tire on front wheel and ⅝ inch rubber tires on rear wheels.

(Crates will not be broken.)

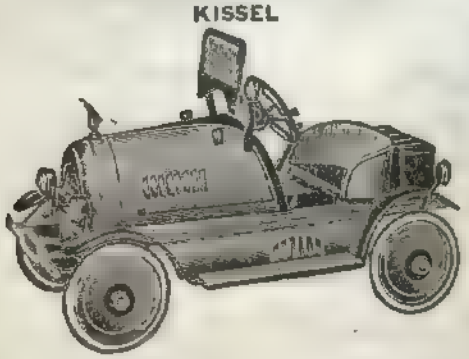
Each

No. 29—Height front wheel 10 ins; height rear wheels 8 ins $6 30

Three in crate; wt each 12 lbs.

CHILDREN'S AUTOMOBILES

KISSEL



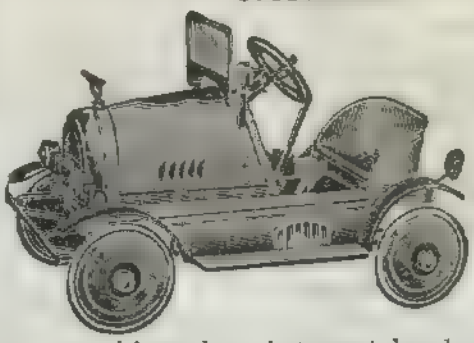
Hardwood frame and upholstered seat, sheet steel hood, radiator, seat back and fenders; grey enameled, striped and decorated in red and black; steel gear and springs; red enameled fenders and tail light. Equipped with flat wood rim steering wheel with gas lever, horn, instrument board, wing type moto-meter, nickel plated double bumper, metal license plates, glass headlights with bar, red and green side lights, windshield with spotlight, hood vents, gear shift lever, nickel plated radiator shell, trunk, nickel plated kick plates, rubber mats, oil can and nickel plated hub caps. Each

No. 114—Body 13x40 ins; 10 in. roller bearing disc steel wheels with 1 in. rubber tires, red enameled with green center and yellow striping $45 00

Crated; shipping wt each 67 lbs.

CHILDREN'S AUTOMOBILES

STUDEBAKER



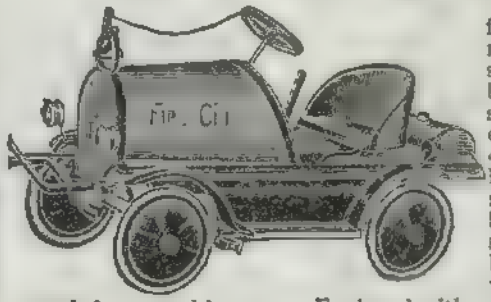
Hardwood frame and seat, sheet steel hood, radiator, seat back and fenders; tan enameled, striped and decorated red and black; steel gear and springs. Equipped with flat wood rim steering wheel with gas control lever, horn, instrument board, wing type moto-meter, bumper, metal license plate, drum type metal headlights with bar, windshield with spotlight, nickel plated kick plates and radiator shell, rubber mats, oil can, gear shift lever tail light, and nickel plated hub cap. Each

No. 112—Body 13x36 ins; 10 in red enameled disc steel wheels with ½ in. rubber tires $33 00

Crated; shipping wt each 55 lbs.

FIRE CHIEF

Red Disc Steel Wheels, Rubber Tires.

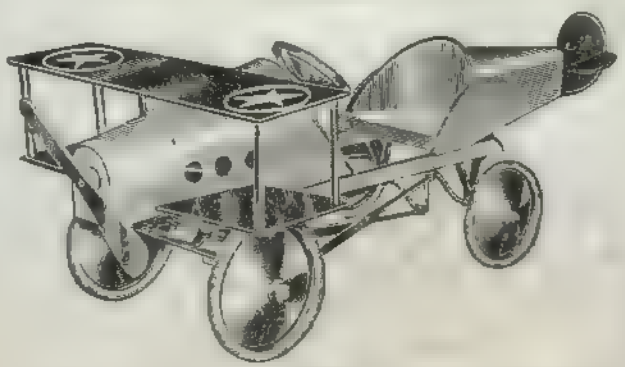


Hardwood frame seat and running board; sheet steel body, hood and seat back baked red enameled finish; double disc wheels rubber tires; knuckle joint steering gear; bumper bolted to frame; black enameled gear and bumper. Equipped with many extras. Each

No. 104—Body 11x30 ins; diam wheels 10 ins; ½ in. rubber tires $27 00

One in crate; wt each 67 lbs.

AIR MAIL



Hardwood frame and seat; sheet steel wings and body; gray enameled body; red wings, tail, propeller and wheels.

Length over all 56 inches; 24 inch wheelbase; wing spread 30½ inches. Each

No. 149—10 in. front, 8 in. rear double disc, plain bearing wheels, with ⅝ in. rubber tires, nickel plated hub caps $25 50

One in crate; wt each 33 lbs.

ANNOUNCEMENT

Knapp Electric, Incorporated, division of P. R. MALLORY & CO., Inc., have secured control of the outstanding toy success of the decade—the toy which was the sensation of the New York Toy Fair.

KRAZY IKES

REG. U. S. PAT. OFF.

The "1000 in 1" Builder Toy

This new item is an all year seller with a universal appeal to all ages and both sexes. Popular $1.00 list ($1.25 Denver and West).

See Krazy Ikes at Room 719, Palmer House, Chicago, during the Chicago Toy Fair (April 28—May 10).

KNAPP ELECTRIC, Incorporated

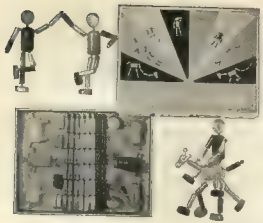
Division of P. R. Mallory & Co., Inc.

200 Fifth Avenue

New York

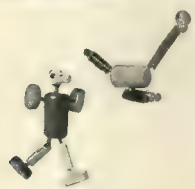
THE KNAPP LINE FOR 1930

KNAPP TOYS ARE NATIONALLY ADVERTISED



Send for a Sample Today . . . . .

KRAZY IKES, the most outstanding toy of 1930, sell on sight. ***And this we've proved!*** Without a line of advertising—solely by counter and window displays—dealers all over the country are selling Krazy Ikes in the hundreds.



National Advertising Starts in September

Now, with a ***proved seller,*** we are launching a nation-wide consumer advertising campaign to reach more than 5,000,000 parents. But—

Before we do this, we want to offer you a sample set of Krazy Ikes—so that you can see for yourself—so that you can "sell" yourself—so that you can see if you are justified in stocking big on this new sensation.

You be the judge! Look before you buy! Examine a sample set of Krazy Ikes. If you decide it's one of the biggest dollar values you can offer, order at once. The advertising begins in September and those who have ample stock at the start will naturally profit most.

Mail the coupon now.

WHAT IT IS

Krazy Ikes is the "1000 in 1" Builder Toy. The pieces of wood, colored in red, blue and yellow, push together and pull apart, making hundreds of funny things, all different and all from one set. Retails for $1.

Here are other Knapp Toys that Sell.

KRAZY-IKES

TRADE MARK REG. U.S. PAT. OFF.

The 1000 in One Builder Toy

KNAPP PYRAMIDS
List Price, 50c
Denver and West, 55c

KNAPP TELL-BELL
No. 399, list price, $5.50
Denver and West, $3.75

KNAPP MASTER MAGIC
No. 1, $1.50, Denver and West, $1.15
No. 2, $3.50, Denver and West, $2.75
No. 3, $5.00, Denver and West, $5.50

KNAPP ELECTRIC QUESTIONER
No. 225, list price, $3.50
Without battery, $3.40
Denver and West, $2.75
Without battery, $3.55

KNAPP TOYS

Knapp Electric, 6 East 45th St., N. Y. C. (Div. of P. R. Mallory) Factory: Indianapolis, Ind.

N-8

KNAPP ELECTRIC, 6 E. 45th St., N. Y. C.
I have not yet had an opportunity to examine a set of Krazy Ikes.
PLEASE SEND ME A SAMPLE SET.
Name
Name of Store
Address
Position held

KNAPP TOYS SELL!

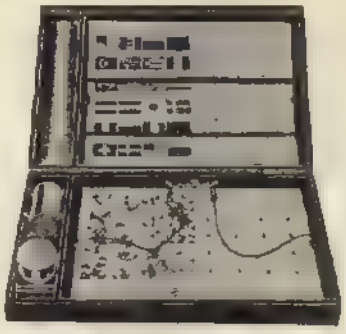
THE KNAPP LINE FOR 1930

The Steady Increase in Annual Sales Volume For the Past Several Years Assures Even Greater Sales During 1930

KNAPP MASTER MAGIC

The Knapp Magic Sets were first introduced in 1929
During the first year they outsold all other magic sets wherever shown
This unusual record had been anticipated, as the three popular-priced sets embody the most complete line of tricks ever offered, among which are many stage triumphs of famous magicians, never before exposed.
Evidence of the demand for the type of magic sets as found in the Knapp Master Magic collection is revealed by the unusual sales record made during its first year. The most conservative estimate indicates that the close of 1930 will show a marked increase in sales.

MASTER MAGIC SETS
No. 1—$1.00 each—Denver, West $1.15 ea.
No. 2—$3.50 each—Denver, West $3.75 ea.
No. 3—$5.00 each—Denver, West $5.50 ea.



KNAPP ELECTRIC QUESTIONER
No. 325. List price, $3.50; without battery, $3.40; Denver and West, $3.75; without battery, $3.65.

KNAPP ELECTRIC QUESTIONER

For 39 years this interesting educational toy has held and increased its popular appeal.
During that time it has been a most profitable and steady sales producer for practically every toy store and toy department in the country.
1930 will be no exception to this rule—except in greater sales.

KNAPP TELL-BELL

This companion to the Electric Questioner—will take its place this year, as usual, right next to the Questioner in sales. Again, you have the demonstration-selling feature. Three sliding knobs and the tinkling bell when the answer is correct. Instructive, amusing, mysteri o s

TELL BELL
No. 200. List price, $5.00. Denver, West, $5.50

PYRAMIDS

The idea for PYRAMIDS originated in the days of old Egypt and it still holds its appeal! The present demand for PYRAMIDS confirms the general opinion that this fascinating puzzle will enjoy a long and continued period of popularity. List price 50c.

KNAPP ELECTRIC

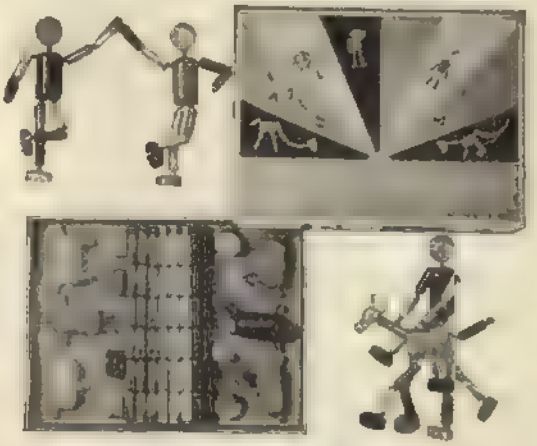
Division of P. R. Mallory & Co., Inc.

200 FIFTH AVENUE
NEW YORK

See our complete line at CHICAGO TOY FAIR, April 28-May 10, Room 719, Palmer House

KNAPP TOYS ARE NATIONALLY ADVERTISED

...*NEW* SENSATION



ACCLAIMED THE MOST POPULAR TOY OF 1930!

KRAZY-IKES

TRADE MARK REG. U.S. PAT. OFF.

THE outstanding toy success of the decade—the sensation of the New York Toy Fair—a toy with unlimited sales possibilities,—the only toy of its kind on the market. KRAZY-IKES has *everything*—uniqueness, originality, amusement, instruction; a universal appeal to all ages—and to both sexes. And popularly priced at **$1.00** list. (**$1.15** Denver and West.)

A set of KRAZY-IKES makes hundreds of things—men and animals, donkeys, monkeys, gobblers, humpty-dumpties, dollies, birds, dogs, kitties, soldiers. All sorts of funny things. Each one different. And it's so easy; the pieces are simply pushed together. Pulled apart for changing.

Remember! KRAZY-IKES is the toy that took the New York 1930 Toy Fair by storm—an amazing success was registered. KRAZY-IKES should prove your biggest 1930 seller. See it. Talk it. Sell it. Let it create profits for *you*. Ride in on its popularity *now*.

KNAPP ELECTRIC

Division of P. R. Mallory & Co., Inc., 200 Fifth Ave., New York

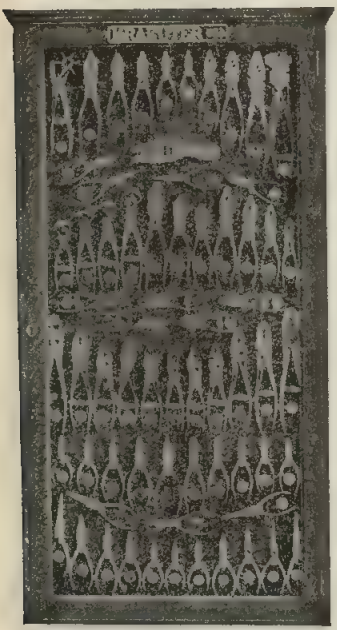
Pacific Coast Representative: A. H. Holtermann, 905 Mission Street, San Francisco, Cal.

KNAPP TOYS *Sell* . . .

M

KRAEUTER PLIERS

LARGE WALL DISPLAY CASE



One each of sixty-six different patterns. The number of each article is on a tag tacked to the case.

NO.	Name of Tool	EACH
19—6 tube	Revolving Punch	$1.70
1831—8 in.	Lineman's	1.50
1831—7 in.	Lineman's	1.40
1831—6½ in.	Lineman's	1.25
1831—5 in.	Lineman's	1.15
1831—4 in.	Lineman's	1.05
1841—6½ in.	Button's Patt.	.90
1841—8 in.	Button's Patt.	1.05
1841—10 in.	Button's Patt.	1 40
1880—10½ in.	Staple Puller	2 25
1641—5 in.	Milliner's	1 20
1051—6 in.	Weaver's	1.40
365—7 in.	Wrench, Alligator	1.50
1081—5½ in.	Needle Nose Crd.	1.75
1581—5 in.	Combination Burner	1.20
1851—5 in.	Nippers, End	1.15
1851—6 in.	Nippers, End	1.25
1851—7 in.	Nippers, End	1.50
1851—8 in.	Nippers, End	1.75
2801—6 in.	Dreadnought Linemen's	2.00
2801—7 in.	Dreadnought Linemen's	2.50
2801—8½ in.	Dreadnought Linemen's	2.75
1821—8 in.	Universal Cutter	1.70
1821—7½ in.	Universal Cutter	1.55
1821—6½ in.	Universal Cutter	1.40
1821—5½ in.	Universal Cutter	1.35
1356—5½ in.	Comb "Griptite"	1.90
1973—5½ in.	Comb. "Grip Kut"	1.35
305—5½ in.	Comb "Victor Junior"	1.10
1918—5½ in.	Comb. Thin Bent Nose	1.10
1933—5½ in.	Comb. Thin Nose Griping	1.10
1928—10 in.	Comb. Bent Nose	1.75
356—8 in.	Combination	1.25
1305—7 in.	Comb. "Victor Universal"	1.35
1973—7 in.	Comb. "Grip Kut"	1.60
1913—7 in.	Thin Bent Nose	1.40
1863—6 in.	Comb. "Grip-All Junior"	1.10
1326—6 in.	Comb. "Griptite"	1.05
1903—7 in.	Comb. Thin Nose	1.25
1928—8 in.	Comb. "Grip-All"	1.50
1863—8 in.	Comb. Bent Nose	1.40
356—10 in.	Combination	1.50
1601—4 in.	Flat Nose	.80
1601—4½ in.	Flat Nose	.85
1601—5 in.	Flat Nose	.90
1601—5½ in.	Flat Nose	.95
1601—6 in.	Flat Nose	1.05
2601—6 in.	Diagonal	1.65
2601—5½ in.	Diagonal	1.50
2601—5 in.	Diagonal	1.40
2601—4½ in.	Diagonal	1.25
1591—4½ in.	Milliner's	1.05
1741—6 in.	Long Flat Nose	1.25
1721—6 in.	Electrician's Lg. Nse, Cutt.	1.60
1751—6 in.	Flat Nose L. Rch Cutter	$1.50
1771—7 in.	Flat Nose Very Lg. Reach	1.50
1611—6 in.	Round Nose	1 05
1611—5½ in.	Round Nose	.95
1611—5½ in.	Round Nose	.90
1611—4½ in.	Round Nose	.85
1611—4 in.	Round Nose	.80
1593—4½ in.	Milliner's	1.40
1711—5 in.	Chain Sh. Nose	.90
1071—6 in.	Needle Long Nose	1.40
1621—6 in.	Needle Nose (Fine)	1.50
1781—7 in.	Flat Nose Vy L. Rch. Cutt	1.75

NO	Size	Wt Asst.	ASST.
54	48x24x3½ in.	78 lb.	$98 50

Side Cutter Assortment

Eight pliers, one each: No. 1801—6, 7, 8½-in.; No. 1831—4, 5, 6½, 7, 8-in.

NO.	Wt. Each	ASST
K1	7 lb.	$12.36

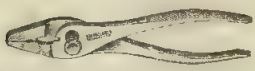
KRAEUTER PLIERS M

Vest Pocket Combination

Made of highest grade plier steel; slip joint. Has wire cutter in front. Knurled handles; full nickel plated.

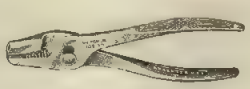
NO.	Length	Wt. Doz.	DOZEN
356-5½	5½ in.	2⅝ lb.	$14.00
356-6	6 in.	6½ lb.	16 00
356-8	8 in.	8½ lb.	20.00
356-10	10 in.	11 lb.	24.00

Thin Nose Combination



Forged from special plier steel; tempered, machined and fitted. Long, thin nose; tapered jaws; milled teeth; screw driver and cutter. Knurled handles; full nickel plated.

NO.	Length	Wt. Doz.	DOZEN
1903	7 in.	5⅝ lb.	$20.00



"Victor" Universal Combination

Forged from carbon steel. Jaws are shaped to adapt themselves to any taper. Will grip pipe ⅛ to 1¼ inches. Has cutter on handle side. Knurled handles; full nickel plated.

NO.	Length	Wt. Doz.	DOZEN
305-5½	5½ in	8 lb.	$18 00
305-7	7 in.	10 lb.	19.00

Thin Nose Gripping

Full Nickel. A vest pocket plier for the difficult job.

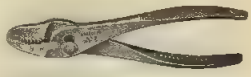
NO.	Length	Wt. Doz.	DOZEN
1033-5½	5½ in.	2⅝ lb.	$18.00

Gripkut Combination

Scored teeth; grooves for holding pins or cotters; knurled handles. Cutters will cut copper wire as well as wire nails. Depressed bolt head; full nickel plated.

NO.	Length	Wt. Doz.	DOZEN
1973-5½	5½ in.	3½ lb.	$22 00
1973-7	7 in.	7 lb.	25.00

One dozen in a box.



Bent Thin Nose, Slip Joint Combination

Full nickel. The narrow jaws reach into tight places, and the bent nose saves barking your knuckles when turning a set nut.

NO.	Length	Wt. Doz.	DOZEN
1913-5½	5 in.	3 lb.	$18.00
1913-7	7 in.	5½ lb.	22.00

Superior Combination Gripping

A powerful gripping plier with an unusual amount of leverage. For plumbers, gas fiters, mechanics and automobiliats. Has burner attachment, knurled handles; is full nickel plated.

NO.	Length	Wt. Doz.	DOZEN
1863	6 in.	6 lb.	$18.00
1863	9 in.	8½ lb.	22.00

Same as above with diagonal nose

1903	6 in.	6 lb.	$20.00

Bent Nose Combination

Forged from plier steel. 10-inch size is shown in illustration. 8-inch size is furnished with flat nose and a square hole for units. Both sizes fitted with screw driver Knurled handles; full nickel plated.

NO.	Length	Wt. Doz.	DOZEN
1923-8	8 in.	8 lb.	$24 00
1923-10	10 in.	11 lb.	28 00

Combination

A special lower price plier. Black finish, with polished head and handles, made of drop forged steel, accurately hardened.

NO.	Length	Wt. Doz.	DOZEN
360-6	6 in.	6 lb	$8 00

M KRAEUTER PLIERS

Heavy Duty—Supreme

Made to meet the demand for a lineman's plier surpassing any other ever produced. Tests with other pliers proved this to be supreme in strength, hardness, cutting power, and ability to stand abuse.

NO.	Lgth. In.	lb Doz.	DOZEN
4801-6	6	6	$33.60
4801-7	7	7	40.20
4801-8½	8½	10	45.00

"Dreadnaught"—Linemen's Side Cutting

Klein Pattern

Made of chrome nickel steel. Extra heavy polished steel jaws, beveled nose, lap joint, side cutters. Handles have new Kraeuter patented design.

NO.	Length	Wt. Doz.	DOZEN
2801-6	6 in.	5½ lb.	$30.00
2801-7	7 in.	8½ lb.	40.00
2801-8	8½ in.	11½ lb.	42 00

Lap Joint Heavy Lineman's

Klein Pattern

Forged from special plier steel, with heavy heads. The cutting edges and jaws are accurately machined and properly tempered. Handles knurled.

NO.	Length	Wgt. Doz.	DOZEN
1801-6	6 in.	5½ lb.	$28.00
1801-7	7 in.	8½ lb.	32.00
1801-8½	8½ in.	11 lb.	36.00

Insulated

NO.	Length	Wt. Doz.	DOZEN
2801-7	7 in.	10 lb.	$50.00
2801-8½	8½ in.	15 lb.	52 00

Electrician's—Side Cutting

Has sharply beveled nose; suitable for electricians and mechanics. Will stand severe strains. Forged of special plier steel, scientifically tempered and machined. The handles are knurled.

NO.	Length	Wt. Doz.	DOZEN
1831-4	4 in.	2 lb.	$16.00
1831-5	5 in.	3 lb.	18 00
1831-6½	6½ in.	5½ lb.	20.00
1831-7	7 in.	6½ lb.	22 00
1831-8	8 in.	9½ lb.	24.00

Universal Combination

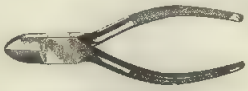
An excellent many-use household plier; also serviceable for mechanics. All the special features are practical. Forged from high grade steel, well tempered. The handles are knurled. Has side and joint cutters.

NO.	Length	Wgt Doz.	DOZEN
1821-5½	5½ in.	4 lb.	$21 00
1821-6½	6½ in.	6½ lb.	22 00
1821-7½	7½ in.	7½ lb.	24.00
1821-8	8 in.	9½ lb.	28.00

Buttons's Pattern

A firm gripping plier, with face of jaws milled to prevent slipping. Possesses milled features for holding bolts, nuts, pipe, rods, etc., and contains three wire cutters. Forged from plier steel; properly tempered, carefully fitted, and highly polished. Handles knurled.

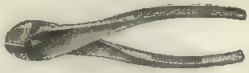
NO.	Length	Wt. Doz.	DOZEN
1841-6½	6½ in.	6½ lb.	$14.00
1841-8	8 in.	6½ lb.	18.00
1841-10	10 in.	11 lb.	20.00



Diagonal Cutting

This diagonal electrician's cutting plier is made especially for close cutting. Forged from special plier steel and finely fitted for exact work. Handles knurled.

NO.	Length	Wt. Doz.	DOZEN
2601-4½	4½ in.	2 lb.	$20.00
2601-5	5 in.	2½ lb.	22 00
2601-5½	5½ in.	3 lb.	24 00
2601-6	6 in.	4 lb.	26 00



Extra Heavy Diagonal Cutting

Extra heavy and rigid joint, cutting edges are designed to cut heavy gauge hardened wire.

NO.	Length	Wt. Doz.	DOZEN
2611	6½ in.	6 lb.	$30 00

KRAEUTER PLIERS

M

Milliner's Flat Nose Cutting

A small milliner's plier; light and powerful. Has fine cutter with beveled and scored jaws. Handles knurled.

NO.	Length	Wt. Doz.	DOZEN
1591	4½ in.	1½ lb.	$16.00

Full nickel plated; otherwise same as above.

NO.	Length	Wt. Doz.	DOZEN
1593	4½ in.	1½ lb.	$22.00

Electrician's or Milliner's Side Cutting

Slender nose; scored jaws. Edges of side cutters are perfectly tempered. Handles knurled.

NO.	Length	Wt. Doz.	DOZEN
1641	5 in.	2½ lb.	$20.00

Extra Long Reach—Needle Nose

Made with long slender jaws to obtain an unusual reaching capacity. Especially adapted to use where the ordinary chain, needle nose or electrician's pliers would be short in reach. Handles knurled.

Without Cutter

NO.	Lgth. In.	lb Doz.	DOZEN
1771	7	3½	$22 00

With Cutter

NO.	Lgth. In.	lb Doz.	DOZEN
1781	7	3½	$26.00

Extra Long Reach—Flat Nose

An appropriate tool for electrical work. The long flat nose is nicely tapered and beveled.

With Cutter

NO.	Lgth. In.	lb Doz.	DOZEN
1751-6	6	3½	$22.00

Without Cutter

NO.	Lgth. In.	lb Doz.	DOZEN
1741-6	6	3½	$20.00

Short Nose Chain

Adapted to use as around nose, chain nose or flat nose plier. Has long, sturdy joint for easy operation; no side cutter. Jaws scored inside. Knurled handles.

NO.	Length	Wt. Doz.	DOZEN
1711	5 in.	2½ lb.	$14.00

Short Nose Side Cutting Chain

A special feature of these pliers is the long joint, which makes them sturdy tools. Jaws scored; cutting edges thoroughly tested; handles knurled.

NO.	Length	Wt. Doz.	DOZEN
1701	5 in.	2½ lb.	$20.00

Standard Flat Nose

Tapered and beveled jaws, scored inside. Furnished with knurled handles.

NO.	Length	Wt. Doz.	DOZEN
1601-4½	4½ in.	1½ lb.	$13.00
1601-5	5 in.	2½ lb.	14.00
1601-6	6 in.	4 lb.	15.00

Curved Needle Nose

Suitable for electricians, jewelers, watchmakers, opticians, the home and workshop. Nose long and finely tempered; handles knurled

NO.	Length	Wt. Doz.	DOZEN
1631	5½ in.	2½ lb.	$26.00

Long Fine Needle Nose

The long fine nose is very carefully tempered. Its capacity for fine work is unusual. Handles knurled.

NO.	Length	Wt. Doz.	DOZEN
1621	6 in.	2½ lb.	$24.00

All packed one-half dozen in a box.

M

KRAEUTER PLIERS

Needle Nose

Made with points that permit finer adjustments than can be made with any chain plier. Jaws scored; handles knurled.

NO.	Length	Wt. Doz.	DOZEN
1671	6 in.	2¾ lb.	$21.00

Needle Nose Side Cutting

A very slender nose cutting plier. Points tapered to a practical fineness; handles knurled.

NO.	Length	Wt. Doz.	DOZEN
1661	6 in.	2¾ lb.	$26.00

Long Nose Chain

Designed for use as a half-round nose, chain nose, and flat nose pliers. Made without cutter; jaws scored; handles knurled

NO.	Length	Wt. Doz.	DOZEN
1691	6 in	2¾ lb.	$20.00

Long Nose Side Cutting Chain

The long slender jaws are scored inside; the edges of the side cutters are built to cut. Long, sturdy joints; knurled handles.

NO.	Length	Wt. Doz.	DOZEN
1681	6 in.	2¾ lb.	$17.00

Electrician's Long Nose Side Cutting

Has long, slender nose; scored jaws; made with semi-flat point ⅛-inch wide. Especially adapted for fine wire work, and has a side cutter that remains sharp—Knurled Handles.

NO.	Length	Wt. Doz.	DOZEN
1721	6 in.	2¾ lb.	$25.00

Electrician's Long Nose

The semi-flat j'nt is very useful where the ordinary chain plier will not answer. Made without cutting edges. Handles knurled.

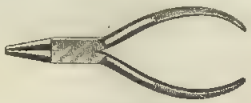
NO.	Length	Wt. Doz.	DOZEN
1731	6 in.	2¾ lb.	$21.00

All packed one-half dozen in a box.

Weaver's Duck Bill

Very thin jaws; especially adapted to Heddles and Reeds in textile work. Jaws 2 inches long and 5/16 inches thick—Knurled Handles.

NO.	Length	Wt. Doz.	DOZEN
1651	6 in.	2¾ lb.	$21.00



Standard Round Nose

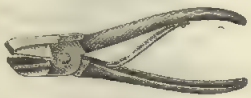
Tapered round nose, scored inside. Knurled handles. Forged and tempered.

NO.	Length	Wgt. Doz.	DOZEN
1611	4½ in.	1¾ lb.	$14.00
1611	5½ in.	2¼ lb.	16.00

Radio

Has all the features needed for radio work including cutters, milled jaws and a special nose for bending loops in wire. Two sizes of loops, one for No. 8 screw and one for No. 6.

NO.	Lgth. In.	lb Doz	DOZEN
1451	6¼	3	$22.00



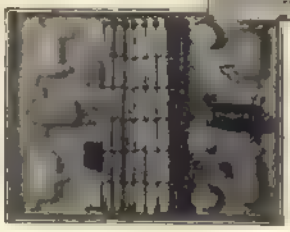
Seaming

The inner parts of one side of rear of jaw are rounded to prevent interference when working back and forth.

NO.	Length	Wt. Dozen	DOZEN
4460	8 in.	11¼ lb.	$28.00

All packed one-half dozen in a box.

Most *sensational Toy* in Years



KRAZY-IKES

TRADE MARK REG. U.S. PAT. OFF.

The "1000-in-1" Builder Toy

BUYERS who saw KRAZY-IKES at the 1930 New York and Chicago Toy Fairs acclaimed it the toy success of the decade. And backed their judgment with orders!

KRAZY-IKES is new, novel, sensational. A "1000-in-1" Builder Toy and a toy in a thousand. The only toy of its kind on the market.

A set of KRAZY-IKES makes hundreds of funny things, all different—men, animals, donkeys. monkeys, gobblers, humpty-dumpties, dollies, birds, dogs, kittens, soldiers, etc. etc. etc. etc. There's no end to the fun! Easy, too! The pieces are simply pushed together: pulled apart for changing. Made in polished wood, *in colors*—red, blue and yellow!

Stock! Sell! Talk! KRAZY-IKES. It has *everything*—uniqueness, originality, amusement, instruction—appeal to all ages, to both sexes. And the price! Just a dollar bill! ($1.15 Denver and West) Where is there another dollar seller like this? There isn't!

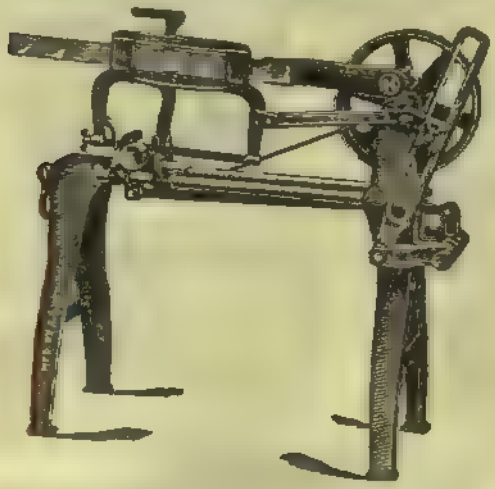
KNAPP ELECTRIC

Division of P. R. MALLORY & CO., Inc. 200 Fifth Avenue, New York

TOYS *KNAPP TOYS PROVEN SELLERS*

MONTGOMERY & CO., 105 FULTON STREET, NEW YORK CITY
(Consult Index) Mention this Manger No. 30 when ordering from this book

"Kwik-Kut" Power Hacksaw Machine



On strong mechanical lines—all wearing parts large and durable.

Because the *entire* blade is used from end to end. The only machine embracing this feature.

Because machine automatically adjusts its stroke to all sizes of cuts.

Because of the rapid "shot gun" return of the saw arm. The blade has a regular forward motion but returns *three times as fast*. Thus saving the time consumed by other machines which move forward and backward at the same speed. Ten strokes per minute more than any other machine without injury to blade.

Equipped with automatic attachment which throws clutch and stops machine as soon as cut is made.

On which the saw frame is mounted (with babbitted bearings) insures durability and a straight cut and prevents breaking saw blades.

May be thrown back if desired, leaving the vise absolutely clear.

May be used if desired.

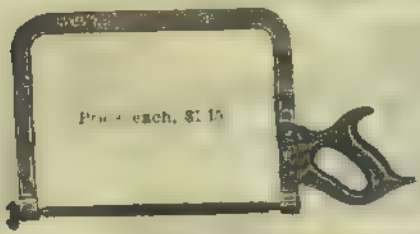
Clutch adopted is an efficient way of applying power and is new to Hacksaw Machines.

Made in three sizes as follows:

	Capacity	Length of Blades	Size Pulley	Speed	Weight	Price
No. 1	4 x 4 inches	12 inches	12 x 2¾	60	150 lbs.	$25 00
No. 2	5 x 5 inches	14 inches	14 x 2¾	50	180 lbs.	30 00
No. 3	6 x 8 inches	17 inches	17 x 3	45	250 lbs.	40 00

[illegible] SMITH & [illegible] [illegible] MUSIC WIRE is the best grade wire [illegible] and springs

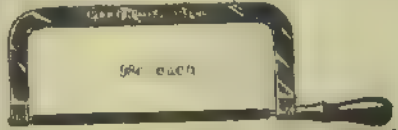
Star Hack Saw Frame No. 14



Frame No. 14 is adapted for large work such as cutting off rails, beams, etc. The back is polished and nickel plated, and the handle beech wood. Measurement between back and saw points, 10¾ inches. Carries 12 inch saws.
Price each... $1.15

Star Hack Saw Frame No. 15

For 12 inch blades only. The strength of this frame is made from heavy, stiff stock and will stand any necessary strain. Measurement between the back and points of the blades 9¾ inches. Size of the finished frame conforms to the dimensions of the Frame. Polished and nickel plated. Price... each, 98c.



Bench Hack Saw No. 1

A Bench Hack Saw is a device for which there has long been a place in every carpenter shop and similar stores. It can be readily adjusted to any length of saw that will pay for the time it takes to change it.

It is fitted with a swivel vise, which can be set to saw at an angle. This is a valuable adjustment that adds greatly to the usefulness of the machine as the saw may be set to saw on a bevel without the loss of time which would otherwise be spent in fixing.

One 9 inch blade is furnished with each machine, which should be strained on by the frame when in use. It is so constructed that 8 inch Blades can be used when desired. Vise opens 2 inches. Weight, each 15 pounds. Price ..... each, $4.35

[illegible] small profits, and satisfied customers."

MONTGOMERY & CO 105 FULTON STREET NEW YORK CITY
(Consult Index). Mention "Tool Monger" No. 30 when ordering from this book.

K CONCRETE MIXERS

Steel Wheel Type

This is the ideal mixer for the contractor doing small or medium size jobs, where a larger machine would be unsuitable. Practical, efficient, portable and extremely durable; 1½ h.p. engine with Wico magneto. Extra large drum mounted on ball bearings.

Specifications

Capacity, Dry	4 cu. ft.	Shoveling Height	41 in.
Capacity, Wet	3 cu. ft.	Discharging Height	26 in.
Diam. Drum	24½ in.	Size Engine	1½ h.p.
Depth Drum	25 in.	Front Wheels	20x2½ in.
Diam. Opening	18 in.	Rear Wheels	20x2½ in.
Length	73 in.	Pneumatic Tires	30x3½
Width	51 in.	Frame	3-in. Channell

NO.	lb Each	EACH
3B	1170	$300.00

Steel Wheel Type

Adaptable to any kind of construction work. Will handle the smalles: jobs at a profit and the large ones economically. Has a mixed batch capacity of 4 cu. ft. (1-3-6 mix) and is rated at 40 yards of mixed concrete in 10 hours. 2½ h.p. engine.

Specifications

Length Over All	6½ ft.	Discharging Height	23 in.
Width Over All	4½ ft.	Frame	4-in Channel
Diam. Drum	31 in.	Opening of Drum	18 in.
Depth Drum	27 in.	Front Wheels	16x4 in.
Shoveling Height	41 in.	Rear Wheels	24x3 in.

NO.	lb Each	EACH
4B	1650	$430.00

Trailer Type

Ideal when work requires frequent moving of the mixer. Rapid in its mixing action, easily charged and discharged and has real portability. Will mix wet concrete for pouring walls, sidewalks, etc. Dry concrete for blocks or mortar for laying bricks. Cushion tires. Specifications are same as No. 3B on steel wheels.

NO	lb Each	EACH
3BT	1080	$350.00

Trailer Type

One of the best mixers ever made. Mixes quickly and charges or discharges from either side. Drum can be locked in any position. Mounted on Ford wheels with clincher rims for 30x3½ pneumatic tires. 2 h.p. gasoline engine.

NO.	lb Each	EACH
4BT	1400	$475.00

No. 212 Stenciled "Fire" only

Lawco Round Bottom Fire Pails

Lawco Round Bottom Fire Pails are approved. They are made of black sheets and galvanized after formation. They are furnished either plain, stenciled "Fire" or painted red and stenciled "Fire."

Trade capacity, quarts	12
Weight per dozen, lbs.	28
Packed in bundle	12

No. 212. Stenciled "Fire" only.
Price per Dozen $7.10

No. 312. Stenciled "Fire" and painted Red.
Price per Dozen 8.55

No. 312

Conical Fire Pails

Made of Galvanized Iron

No.	012
Trade cap., qts	12
Inches	13¾x15
Wt. dozen, lbs.	27

Price per dozen .. $9.60

Fire Pail Hooks

Made of cast iron painted black and used with our fire pails.

Price per doz. .. $4.00
Price each ..... .40

Enameled Water Pails

Size No.	110	112
Cap. qts.	10	12
Size In.	11¼x9	11¾x9½
Wt. doz. 53 lbs.		60 lbs.
Price, doz.	$10.00	$11.75
Price each	1.00	1.20

Size No.	114
Cap qts.	15
Size inches	12⅝x9½
Wt. doz, lbs.	66
Price, doz	$14.50
Price, each	1.45

Common Tin Buckets or Pails

With Covers

No.	Capacity	Price Doz.
11	1 quart	$1.65
11½	1½ quarts	1.90
12	2 quarts	2.00
13	3 quarts	2.50
14	4 quarts	3.10
16	6 quarts	4.35

Common Pine Pails

3 Hoops
Price per dozen $8.00

3 Hoops
Price, each 0.80

Oak Pails

J. I. C. wooden pails made of heavy oak with iron bails and reinforced.

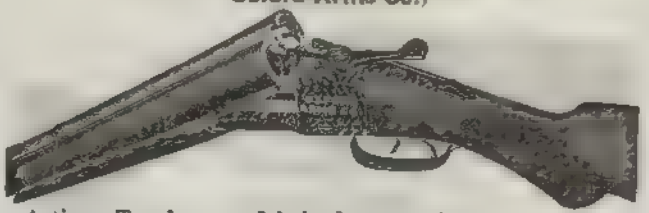
14 quart capacity. Price per dozen $18.00

14 quart capacity. Price each $1.80

SHOT GUNS

DOUBLE BARREL, HAMMERLESS

Oxford Arms Co.)



Action—Top lever and bolt in one piece; coil springs; case hardened frame, with safety.

Barrels—Blued; tested with nitro powder; matted extension rib; barrel and lug in one piece, forged from a solid bar of steel; brazed fore-end lug. Can furnish modified right and full choke left barrel.

Stock—Genuine walnut, beautifully finished; half pistol grip; rubber butt plate; length 14 inches; drop 3 to 3¼ inches; snap fore-end.

Weights—12 gauge, 7 to 8 lbs; 16 gauge, 6¾ to 7¼ lbs; 20 gauge, 6 to 6¾ lbs.

With Positive Extractor.	Each
No. 012—12 gauge; 28, 30 or 32 in. barrels	$44 25
No. 016—16 gauge; 28 or 30 in. barrels	44 25
No. 020—20 gauge; 26 or 28 in. barrels	44 25
No. 0410—410 gauge; 26 inch barrel	44 25

One in cardboard box; ten in wood box.

(Riverside Arms Co.)

Action—Top lever and bolt in one piece; coil springs; case hardened frame, with safety.

Barrels—Blued; tested with nitro and black powder; matted extension rib; barrel and lug in one piece, forged from a solid bar of steel; brazed fore end lug. Right modified, left full choke.

Stock—Half pistol checkered grip; rubber butt plate; length 14 inches; drop 3 to 3¼ inches; snap fore-end checkered.

Weights—12 gauge, 7½ lbs.; 16 gauge, 7 lbs.; 20 gauge, 6¾ lbs.; 410 gauge, 6¼ lbs.

With Plain Extractor.	Each
No. 315-12—12 gauge, 28, 30 or 32 in. barrels	$51 00
No. 315-16—16 gauge, 28 or 30 in. barrels	51 00
No. 315-20—20 gauge, 26 and 28 in. barrels	51 00
No. 315-410—410 gauge, 26 in. barrel	51 00

One in cardboard box, five in wood case.

STEVENS'

Action—Hammerless; top lever and bolt in one piece; coil springs.

Frame—Case hardened, beautifully polished.

Barrels—Blued; high-pressure compressed steel; tested with nitro-powder. Matted rib. Lyman ivory sights. Right modified, left full choke.

Stock—Selected black walnut; checkered fore end and full pistol grip, capped; rubber butt plate; length 14 ins; drop 2⅜ to 3 ins.

Weights—12 gauge, 7½ to 7¾ lbs; 16 gauge, 7¼ to 7½ lbs; 20 gauge, 6¼ to 6¾ lbs.

	Each
No. 330-12—12 gauge, 26, 28, 30 or 32 in. barrels	$65 25
No. 330-16—16 gauge, 26, 28 or 30 in. barrels	65 25
No. 330-20—20 gauge, 26 or 28 in. barrels	65 25
No. 330-410—410 gauge, 26 in. barrel	65 25

One in cardboard box; ten in wood case.

SHOT GUNS

DOUBLE BARREL, HAMMERLESS

BAKER GUN CO.

Batavia Leader Model.

Lock and Action—Fitted with side lock plates that may be readily taken off for cleaning, etc.

Four piece lock construction, simple and functions perfectly. Taper wedge fastening, never shoots loose.

Barrels—Imported cockerel steel, blued finish, case hardened and bored for black or nitro powders.

Stock—Select walnut, full capped, checkered pistol grip. Drop at comb 1¾ inches, heel 2¾ inches; length 14 inches.

Weights—12 gauge with 30 inch barrels about 7¾ lbs; 16 gauge 6¾ lbs; 20 gauge 6½ lbs.

	Each
No. B12-26—12 gauge; 26 in. barrel	$71 85
No. B12-28—12 gauge; 28 in. barrel	71 85
No. B12-30—12 gauge; 30 in. barrel	71 85
No. B16-28—16 gauge; 28 in. barrel	71 85
No. B16-30—16 gauge; 30 in. barrel	71 85
No. B20-26—20 gauge; 26 in. barrel	71 85
No. B20-28—20 gauge; 28 in. barrel	71 85

One in cardboard box, ten in wood box.

LEFEVER NITRO SPECIAL

(Made by Lefever Arms Co.)

Action—Top lever; non-breakable coil springs; case hardened frame, automatic safety.

Barrels—Blued steel; proof tested with an extremely heavy load; can be furnished in cylinder modified or full choke bored.

Stock—Walnut; full pistol grip hand checkered and highly finished; rubber butt plate, length 14 inches; drop 2⅞ inches at heel.

Weights—12 gauge, 7¼ lbs.; 16 gauge, 6¾ lbs.; 20 gauge, 6¼ lbs.; 410 gauge, 5¾ lbs.

	Each
No. 12LNS—12 gauge; 26, 28 or 30 in. barrels	$71 85
No. 16LNS—16 gauge; 26, 28 and 30 in. barrels	71 85
No. 20LNS—20 gauge; 26 and 28 in. barrels	71 85
No. 410LNS—410 gauge; 26 in. barrels	71 85

One in cardboard box; ten in wood case.

SHOT GUNS

DOUBLE BARREL, HAMMERLESS

L. C. SMITH

The mechanical construction of all Smith hammerless guns is the same. Great care is taken in their production; in all grades they are of the highest standard that the best of material, improved machinery and skilled mechanics can produce.

Standard lengths of stocks 14 to 14½ inches; standard drops 2⅜ to 3¼ inches, but can furnish any length and drop of stock as desired from factory, without additional charge.

Long Range Wild Fowl Guns are built from regular models, designed to handle heavy charges of modern propellant powders, giving an increased effective range of 15 to 25 yards.

FIELD GRADE

Barrels—Armor steel, blued. Can furnish cylinder, modified or full choke bored.

Grip—Full pistol regular, half or straight to order.

Stock—English walnut; pistol checkered grip and fore-end.

Weights—12 gauge, 7 to 7¼ lbs.; 16 gauge, 6¼ to 7 lbs. 20 gauge, 5¾ to 6½ lbs.

Without Automatic Ejector.

	Each
No. 00S-12—12 gauge, 26, 28, 30 or 32 in. barrels	$109 65
No. 00S-16—16 gauge, 26, 28 or 30 in. barrels	109 65
No. 00S-20—20 gauge, 26 or 28 in. barrels	109 65
No. 00S-410—410 gauge, 26 in. barrel	109 65

One in cardboard box; ten in wood case; wt each 8 to 8½ lbs.

With Automatic Ejector.

	Each
No. 00SE-12—12 gauge, 26, 28, 30 or 32 in. barrels	✦$157 65
No. 00SE-16—16 gauge, 26, 28 or 30 in. barrels	✦ 157 65
No. 00SE-20—20 gauge, 26 or 28 in. barrels	✦ 157 65
No. 00SE-410—410 gauge, 26 in. barrel	✦ 157 65

One in cardboard box, ten in wood case.

	Each
Above guns without Automatic ejector fitted with Hunter one trigger	✦$198 90
Above guns with automatic ejector and Hunter, one trigger	✦246 75

WILD FOWL GUNS

	Each
No. 00WF-12—12 gauge, without automatic ejector, 30 or 32 in. barrels	✦$139 50
No. 00WFE-12—12 gauge, with automatic ejector, 30 or 32 in. barrels	✦197 35

✦F. O. B. New York Factory Only.

SHOT GUNS

DOUBLE BARREL, HAMMERLESS

L. C. SMITH

IDEAL GRADE

Barrels—New London steel. Can furnish cylinder, modified or full choke bored.

Stock—English walnut, with pistol grip, nicely checkered and well finished; fore-end nicely checkered.

Grip—Full pistol regular, half or straight to order.

Weights—12 gauge, 6¼ to 8½ lbs.; 20 gauge, 5¾ to 6½ lbs

Without Automatic Ejector.

	Each
No. 0S-12—12 gauge, 26, 28 or 30 in. barrels	✦$153 45
No. 0S-16—16 gauge, 26, 28 or 30 in. barrels	✦ 153 45
No. 0S-20—20 gauge, 26, 28, 30 or 32 in. barrels	✦ 153 45
No. 0S-410—410 gauge, 26 in. barrel	✦ 153 45

With Automatic Ejector.

	Each
No. 0SE-12—12 gauge, 26, 28, 30 or 32 in. barrels	✦$201 30
No. 0SE-16—16 gaugh, 26, 28 or 30 in. barrels	✦ 201 30
No. 0SE-20—20 gauge, 26, 28, 30 or 32 in. barrels	✦ 201 30
No. 0SE-410—410 gauge, 26 in. barrel	✦ 201 30
Above guns without Automatic Ejector fitted with hunter one-trigger	Each ✦$242 55
Above guns with Automatic Ejector and hunter one-trigger	✦ 290 40

WILD FOWL GUNS

	Each
No. 0WF-12—12 gauge, without automatic ejector, 30 or 32 in. barrels	✦$183 15

One in cardboard box, ten in wood case; wt each 8 to 8½ lbs.

TRAP GRADE

Particular attention has been paid to meet the requirements of sportsmen who are desirous of a gun for trap shooting, as well as for field, with all the latest attachments. Each lock-plate is engraved with a trap hunting scene.

Barrels—Crown steel; cylinder modified or full choke bored.

Grip—Full pistol regular, half or straight to order.

Weights—12 gauge 6½ to 8½ lbs.; 16 gauge, 6¼ to 7 lbs.; 20 gauge, 5¾ to 6½ lbs.

When ordering, specify length of barrel, weight and style of boring.

With Automatic Ejector.

	Each
No. TSE-12—12 gauge, 26, 28, 30 or 32 in. barrels	✦$244 20
No. TSE-16—16 gauge, 26, 28, 30 or 32 in. barrels	✦ 244 20
No. TSE-20—20 gauge, 26, 28, 30 or 32 in. barrels	✦ 244 20
No. TSE-410—410 gauge, 26 in. barrel	✦ 244 20
Above guns with Automatic Ejector and hunter one-trigger	✦ 342 45

One in cardboard box, ten in wood case; wt each 8 to 8½ lbs.

✦F. O. B. New York Factory Only.

J DOUBLE BARREL SHOTGUNS

ITHACA HAMMERLESS

The Ithaca, three-bolt, three-piece action, has double thick nitro breech, especially adapted and bored for nitro powders. They are fitted with three solid bolt fastenings which are built on a bevel to take up their own wear, and are guaranteed never to shoot loose or allow gun to fly open. Coil, main and top lever springs; frame and all working parts drop forged from highest quality of steel; skeleton concave rib; automatic or independent safety, checkered snap fore-end.

Field Grade

Smokeless powder steel barrels; rebounding locks; black walnut stock, pistol grip, rubber butt plate.

Weight, 12 gauge 7 to 8 lbs; 16 gauge 6¾ to 7¼ lbs.; 20 gauge 6¼ to 6¾ lbs.

Without Automatic Ejector

NO.	Gauge	Barrel	EACH
JF12	12	30 in.	$37.50
JF16	16	28 or 30 in.	37 50
JF20	20	28 in.	37.50

With Automatic Ejector

NO.	Gauge	Barrel	EACH
JFE12	12	30 in.	$55 00
JFE16	16	28 or 30 in.	55.00
JFE20	20	28 in.	55 00
JFE410	410	28 in.	55.00

Grade No. 1

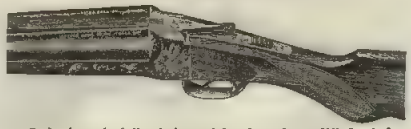
Genuine Krupp steel barrels, scroll engraving, black walnut stock, checkered half pistol grip.

Weight, 12 gauge, 7 to 8 lbs.; 16 gauge, 6¾ to 7¼ lbs.; 20 gauge, 6¼ to 7¼ lbs.

With Automatic Ejector

NO.	Gauge	Barrel	EACH
J1E12	12	30 or 32 in.	$65.00
J1E16	16	28 or 30 in.	65.00
J1E20	20	28 in.	65.00

"LEFEVER"—NITRO SPECIAL



Left barrel full choke, right barrel modified choke. Stock 14 inches long with 2½ inches drop at the heel.

NO.	Gauge	Lgth. Bar'l	Wt. Each	EACH
3012	12	30 in.	7 lb. 10 oz.	$28.25
2816	16	28 in.	6 lb. 12 oz.	28.25
2820	20	28 in.	6 lb. 4 oz.	28.25
20410	410	26 in.	5 lb. 12 oz.	28.25

HAMMERLESS

Iver Johnson—Double Barrel—Automatic Ejector

A handsome and perfectly balanced gun of fine workmanship, built for hard and exact shooting. Three-piece lightning locks. Black walnut stock, full pistol grip, rubber capped. Both stock and forend finely hand-checkered.

NO.	Gauge	Barrels In.	lb Each	EACH
912	12	30	7¾	$35.00
916	16	30	7	35.00
920	20	28	6¾	35.00
941	410	26	6	35.00

One in a carton.

STEVENS HAMMERLESS

Chorme vanadium steel working parts. Will last a lifetime. Barrel, blued; high pressure compressed steel; tested with nitro powder; matted rib; Lyman Ivory sights. The 12 gauge 32 in. and 410 gauge have both barrels full choked. All other gauges and lengths are left barrel full choke, right barrel modified choke. Action, hammerless; coil springs. Chambered, 12 gauge 2¾ in.; 16 gauge 2¾ in.; 20 gauge 2¾ in.; 410 gauge 2½ in. Frame beautifully polished and case hardened. Stock, selected black walnut finely checkered; full pistol grip capped; rubber butt plate, length 14 in.; drop about 3 in. Jostam anti-flinch recoil pad.

NO.	Gauge	Barrel In.	lb Each	EACH
33012	12	30 or 32	7¾ to 7¾	$26 50
33016	16	28 or 30	7¾ to 7¾	26 50
33020	20	28	6¾ to 6¾	26.50
330410	410	26	5¾ to 6¼	26 50

Same as above with rubber butt plate and metal sight.

NO.	Gauges	EACH
330-CO	12 and 16	$25.00

Shotguns, rifles and revolvers are guaranteed by the factories which make them—to be free from imperfections in material and workmanship.

DOUBLE BARREL SHOTGUNS J

L. C. SMITH—IDEAL GRADE

London steel barrels. Varnish finished selected walnut stock.

With Automatic Ejector and Hunter One Trigger

NO.	Gauge		EACH
1012	12	30 or 32 in. Barrels	$105.50
1016	16	28 or 30 in. Barrels	105.50
1020	20	28 in. Barrels	105.50

With Automatic Ejector and Regular Two Triggers

NO.	Gauge	Barrels, In.	EACH
20E12	12	30	$73.00
20E16	16	28 or 30	73.00
20E20	20	28	73.00

One in a heavy cardboard carton.

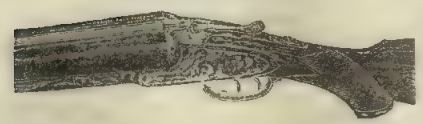
12 gauge only with regular two triggers and automatic ejector. Weights 8 to 8¼ lb.

Long Range Wild Fowl Gun

NO.	Gauge	Barrels	EACH
E12IG	12	32 in.	$83.75

One in a heavy cardboard carton.

L. C. SMITH—FIELD GRADE



Blued Armor steel barrels. Plain walnut stock. Checkered pistol grip rubber butt plate. Every gun well balanced and highly finished.

With Automatic Ejector

NO.	Gauge		EACH
00E12	12	30 in. Barrels	$57.25
00E16	16	28 or 30 in. Barrels	57.25
00E20	20	28 in. Barrels	57.25
00E410	410	28 in. Barrels	57.25

One in a heavy cardboard carton.

Long Range Wild Fowl Gun

12 gauge only with regular two triggers and automatic ejector. Weight 8 to 8¼ lb.

NO.	Gauge	Barrels	EACH
E12LR	12	32 in.	$68.00

One in a heavy cardboard carton.

Weights—12 gauge, 6 lb 6 oz. to 8¼ lb, 16 gauge, 6¾ lb to 7 lb. 20 gauge, 5¾ to 6¾ lb.

A rotary bolt locks the barrels to frame; guaranteed to never shoot loose. Working parts are of tool steel forgings. Matted concave rib, heavy breech, top snap; automatic safety. Case hardened frame, English walnut stocks, checkered pistol grip, hard rubber butt plate.

A. H. FOX—GRADE A

Genuine Krupp fluid steel barrels, handsome dark English walnut stock.

With Automatic Ejector

NO.	Gauge	Barrel	EACH
*FAE12	12	30 in.	$64.50
*FAE16	16	28 in.	64.50
*FAE20	20	28 in.	64.50

A. H. FOX—STERLINGWORTH GRADE

Blued steel barrels, choke bored; matted concave rib, case hardened frame, spiral top lever and hammer springs, English walnut stock checkered full pistol grip, snap fore end, rubber butt plate.

Without Automatic Ejector

NO.	Gauge	Barrel	EACH
SW12	12	30 in.	$36.50
SW16	16	28 in.	36.50
SW20	20	28 in.	36.50

With Automatic Ejector

NO.	Gauge	Barrel	EACH
SWE12	12	30 in.	$48.40
SWE16	16	28 in.	48.40
SWE20	20	28 in.	48.40

Weight, 12 gauge 7 to 8 lb; 16 gauge 6¾ to 7 lb; 20 gauge 6 to 7 lb.

Shotguns, rifles and revolvers are guaranteed by the factories which make them to be free from imperfections in material and workmanship.

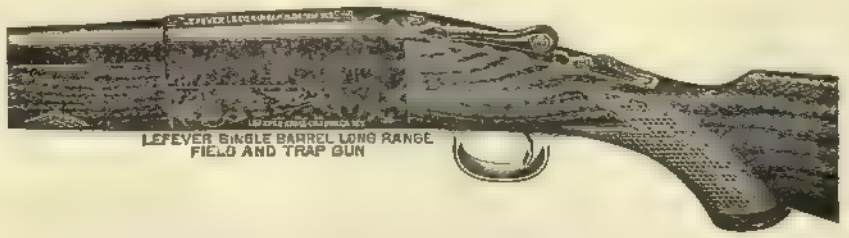
*Factory shipment only.

LEFEVER GUNS

LEFEVER NITRO SPECIAL

Price

This LEFEVER NITRO SPECIAL DOUBLE can be furnished with the following standard specifications and no other specifications can be furnished. 12 Gauge, 26 and 28 inch weighing about 7 lbs.; 12 Gauge, 30 and 32 inch, about 7½ lbs.; 20 Gauge, 26 and 28 inch, about 6 lbs.; 16 Gauge, 26, 28 and 30 inch, about 6½ lbs., and .410 Cal., 26 inch, about 5¾ lbs. $28 25



LEFEVER SINGLE BARREL LONG RANGE FIELD AND TRAP GUN

LEFEVER SINGLE BARREL LONG RANGE FIELD AND TRAP GUN—The only inexpensive hammerless single barrel breech loading shot gun with an automatic safety device such as used on expensive double guns and an automatic ejector which kicks the shell out when the gun is opened. This new member of the Lefever Family is as shapely as ANY $1,000 00 gun; it has a genuine black walnut stock with full pistol grip hand checkered, hard rubber grip cap and butt plate. The forearm wood is black walnut hand checkered and like the walnut stock, highly finished with Duco $16 00

LEFEVER SINGLE HAMMERLESS TRAP GUN

LEFEVER SINGLE HAMMERLESS TRAP GUN –Here is the new Lefever single barrel hammerless trap gun with ejector, elevated ventilated rib, soft rubber recoil pad, ivory front and rear sights, a trap gun forearm which keeps the hand off the barrel, and the thick, fat cone experienced trap shooters demand. The specifications are 12 gauge 32 inch with a black walnut stock having the most popular trap specifications which are approximately 14½ inches long, a drop at the heel of 1⅞ inches, drop at cone 1½ inches, full pistol grip and a weight of about 8 pounds $35 00

Canvas Covers for Above Guns, Nos. 27-28-29. See Page 143 for Description.
Leather Cases, Nos 31-32. See Page 142 for Description.

WESTERN ARMS DOUBLE

"LONG RANGE GUN"

"LONG RANGE GUN" Genuine walnut stock and forearm finished in Duco. Highest grade steel locks, matted top rib and a nice smooth pull. Fourteen inch stock with 2⅞-inch drop. Furnished in 12 gauge, 28 and 30 inch. 16 and 20 gauge, 28 inch. .410 gauge, 26 inch. Modified and full choke. $20 00

ITHACA HAMMERLESS GUNS

THE NEW ITHACA FIELD GUN

The least expensive Gun that can be guaranteed. It will last a lifetime.

BARRELS — Smokeless powder steel, proof-tested with a double powder load.

STOCK AND FOREND - Black walnut, hand checkered, solid where stock joins the frame to prevent splitting, full pistol grip.

LOCKS Same mechanical construction as in higher grade Ithacas and this lightning lock will improve any man's shooting.

PRICE — New Ithaca Field Gun.....Each $37 50

Ejector, if wanted costs $17 50 extra Selective single trigger, if wanted, $30 00. Soft rubber recoil pad if wanted, $1 50. Lyman Ivory Sights, $1 50

NEW ITHACA No. 1

Will last a century if taken care of.

BARRELS — Fluid steel, proved and guaranteed.

STOCK AND FOREND Black walnut hand checkered, full pistol grip solid where stock joins the frame to prevent splitting.

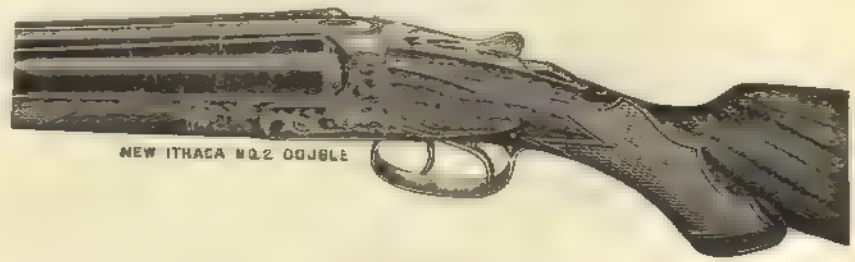
LOCKS — Same as in higher grades, lightning-fast, with a clean pull.

ENGRAVING Frame top lever forend iron guard and trigger plate hand engraved, a leaf design of engraving is used on both sides of frame trigger plate and top lever

PRICE — New Ithaca No. 1.....Each $47 50

Ejector, if wanted costs $17 50 extra Selective single trigger, if wanted, $30 00 Soft rubber recoil pad, if wanted $5.00. Lyman Ivory Sights, if wanted, $1 50.

SPECIFICATIONS OF FIELD AND No 1 410 Cal 26 inch barrels, weight about 5½ lbs , 20 gauge, 26 or 28 inch barrels 5¾ to 6¼ lbs If gauge 26 28 or 30 inch barrels, 6 to 6½ lbs., 12 gauge 26 or 28 inch barrels, 6½ to 7 lbs.; with 30 inch barrels, 6¾ to 7½ lbs.; with 32 inch barrels, 7 to 7¾ lbs.



NEW ITHACA No. 2

Thoroughly well-made and reliable gun at a moderate price.

BARRELS — Fluid steel of extra grade.

STOCK and FOREND Black walnut with nice color and finish neatly hand checkered, full pistol grip

LOCKS - Lightning-fast locks that will stand use and misuse You do not have to strain your wrists to cock an Ithaca

ENGRAVING — Frame top lever forend iron, trigger plate and guard engraved by hand Bird scene and leaf design on each side of the frame leaf design on trigger plate and guard

PRICE — New Ithaca No. 2.....Each $57 50

Ejector If wanted, $17 50 extra Selective single trigger, if wanted $30.00 Soft rubber recoil pad, if wanted, $5 00. Lyman Ivory Sights, if wanted, $1.50.

Canvas Covers for Above Guns, No. 27-28-29. See Page 143 for Description.
Leather Cases, Nos. 31-32. See Page 142 for Description.

SHOT GUNS

LEFEVER

SINGLE BARREL, HAMMERLESS

Long Range Trap and Field Gun.

Automatic Ejector.

Action—Top lever; with automatic safety device and automatic ejector; case hardened frame.

Barrel—Blued steel; proof tested with an excessive load to make doubly sure it has the necessary material and strength to be safe for any standard factory load; carefully choke bored to give the closest, hardest. long range pattern.

Stock—Walnut, hand checkered full pistol grip, highly finished; hard rubber grip cap and butt plate; length 14 inches; drop 2⅜ inches at heel.

Weight—12 gauge, about 7 lbs; 16 gauge, about 6¼ lbs; 20 gauge, about 6 lbs; 410 gauge, about 5½ lbs.

	Each
No. LS12E—12 gauge; 28, 30 and 32 in. barrels	$39 60
No. LS16E—16 gauge; 28 in. barrel	39 60
No. LS20E—20 gauge; 28 in. barrel	39 60
No. LS410E—410 gauge; 26 in. barrel	39 60

One in cardboard box; 10 in wood case.

IVER-JOHNSON CHAMPION

SINGLE BARREL, HAMMER

Large Wide Fore-End.

Take Down.

Ideal for small game. High grade in every particular, light, compact, beautifully balanced, strongly built and accurate.

A three-piece, take down gun. Lug and barrel are a single forged piece. Joint pin is solid in the frame. Coil main spring is adjustable to either light or heavy pull. Compensating locking bolt to take up wear.

Barrel—Highly polished and browned; full choke bored.

Stock—Walnut, with full pistol grip; plain fore-end; rubber butt plate. Weight 6 lbs.

Without Automatic Ejector.	Each
No. C12—12 gauge, 30 or 32 in. barrel	$24 75
No. C16—16 gauge, 30 in. barrel	24 75
No. C20—20 gauge, 26 or 28 in. barrel	24 75
No. C410-26—410 gauge, 26 in. barrel	24 75

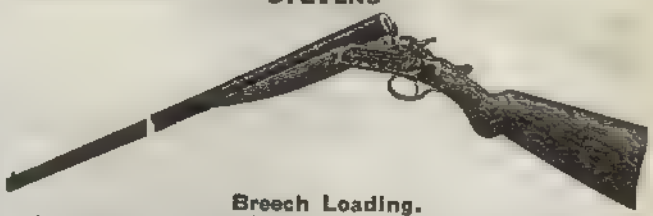
With Automatic Ejector.	Each
No. C12E—12 gauge, 30 or 32 in. barrel	$25 80
No. C16E—16 gauge, 30 in. barrel	25 80
No. C20E—20 gauge, 26 or 28 in. barrel	25 80
No. C410E-26—410 gauge, 26 in. barrel	25 80

One in cardboard box, ten in wood case.

SHOT GUNS

SINGLE BARREL, HAMMER

STEVENS'



Breech Loading.

Adapted to any standard make of shell; loaded with either black or smokeless powder.

Action—Top snap, low rebounding hammer; case hardened frame. Barrel compressed forged electro steel, hollow tapered; bored for nitro powder, full choked.

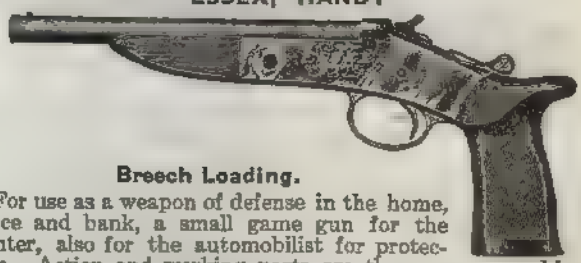
Stock—Plain walnut, pistol grip; rubber butt plate; metal joint.

Without Automatic Ejector.	Each
No. 105-12—12 gauge, 30 or 32 in. barrel; wt 6¾ lbs	$24 75
No. 105-16—16 gauge, 28 or 30 in. barrel; wt 6 lbs	24 75
No. 105-20—20 gauge, 30 in. barrel; wt 5½ lbs	24 75
No. 105-410—410 gauge, 26 in. barrel; wt 5½ lbs	24 75

With Automatic Ejector.	Each
No. 107-12—12 gauge, 30 or 32 in. barrel; wt 6¾ lbs	$25 50
No. 107-16—16 gauge, 28 or 30 in. barrel; wt 6 lbs	25 50
No. 107-20—20 gauge, 28 or 30 in. barrel; wt 5½ lbs	25 50
No. 107-410—410 gauge, 26 in barrel; wt 5½ lbs	25 50

One in cardboard box, five in case.

ESSEX, HANDY



Breech Loading.

For use as a weapon of defense in the home, office and bank, a small game gun for the hunter, also for the automobilist for protection. Action and working parts are the same as used in all other Essex single guns. Rebounding hammer, always in the safety notch.

Barrel—Blued steel, cylinder bore, adapted to black or smokeless powder.

Stock—Selected walnut stock, checkered.

Frame—Nickel plated.

	Each
No. EE410N-8—410 gauge; shoots 410 gauge loaded shells or 44W. C. F. shot cartridges, 44xL shot cartridges; 8 in. barrel; wt each 2½ lbs	$28 50
No. EE410N-12¼—410 gauge; shoots 410 gauge loaded shells or 44W C. F. shot cartridges; 44xL shot cartridges; 12¼ in. barrel; wt each 3¾ lbs	28 50
No. EE28N-12¼—28 gauge; shoots 28 gauge loaded shells; 12¼ in barrel; wt each 3¾ lbs	28 50

One in cardboard box.

OFF HAND SHOT GUNS

STEVENS ,"MODEL 35"

Breech Loading.

For use as an all around side arm for the camper or trapper, also an excellent gun to carry in the automobile on fishing or camping trips.

Barrel—Round blued steel with octagon breech, full choke, bead front shotgun sight.

Stock—Selected black walnut.

Action—Tip up, single shot extractor.

410 gauge, shoots 410 gauge loaded shells.

	Each
No. 35-410-12¼—Length barrel 12¼ ins; wt each 2 lbs	$29 70
No. 35-410-8—Length barrel 8 ins; wt each 1½ lbs	29 70

One in cardboard box.

SHOT GUNS

REMINGTON REPEATING

Hammerless, Solid Breech Take Down, Standard Grade.

Barrel—Remington steel, blued finish; 30 inch full choke sent unless otherwise specified.

Stock—Walnut, half pistol grip; walnut fore-arm; rubber butt plate; length of stock 13¾ inches; drop 2¾ inches at heel; 1⅝ inches at comb; extra charge for any variations from these dimensions.

Weight—About 7½ lbs.

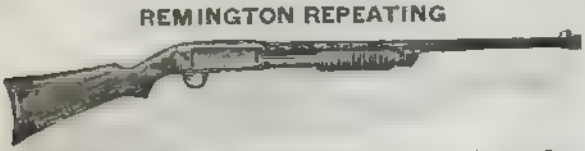
	Each
No. 10A—12 gauge, 26, 28, 30 or 32 in. barrel	$130 20
No. 10AI—With two interchangeable barrels. With one 26 inch cylinder bore and one 30 full choked barrel, otherwise same as above	180 00

REMINGTON REPEATING, Riot Grade.

	Each
No. 10R—20 in. barrel, cylinder bore, otherwise same as No. 10A. Suitable for shooting buckshot	✚$120 00
Extra Barrel for above guns	✚ 47 25

Ten in wood case.

REMINGTON REPEATING



Hammerless, Pump Action, Solid Breech Take Down, Model No. 17. Five Shot. Browning Patent.

Barrel—Remington steel, blued finish. Furnished in either modified, cylinder or full choke.

Stock—Walnut, half pistol grip; walnut fore-arm; rubber butt plate; length of stock 13¾ inches; drop 2¾ inches at heel; 1⅝ inches at comb; extra charge for any variations from these dimensions.

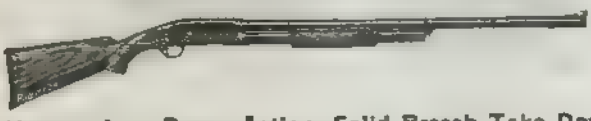
Weight—About 5½ to 5¾ lbs.

Designed for either 2½ or 2¾ inch shells.

	Each
No. 17A—20 gauge, 26 to 32 in. barrel	$130 20
Extra barrels for No. 17A gun	✚ 47 25

Ten in wood case.

REMINGTON REPEATING 6 SHOT



Hammerless, Pump Action, Solid Breech Take Down Model 29A.

Barrel—Remington steel, blued finish. 30 inch full choke sent unless otherwise specified.

Stock—American walnut, fore end and grip checkered, half pistol grip; rubber butt plate. Length stock 13¾ inches, 2¾ inch drop at heel, 1⅝ inch drop at comb. Made with cross bolt safety, positive and cannot be put off or on accidentically, conveniently located in rear of trigger guard for quick operation. Loaded shells can be removed from chamber and the action closed without the necessity of unloading magazine which holds 5 shells. Length over all 49 inches; 30 inch take down with 30 inch barrel. Weigth 7½ lbs.

	Each
No. 29A—12 gauge, 26, 28, 30 or 32 in barrel	$130 20

Ten in wood case.

✚F. O. B. New York Factory Only.

SHOT GUNS

EXTRAS FOR REMINGTON REPEATING

For Remington Hammerless Pump Action, Take Down, Model Nos. 10 and 17 Repeating Shot Guns.

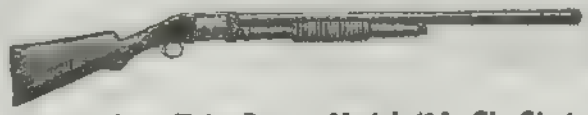
In all cases, extra barrels must be fitted at the factory. When ordering extra barrels for used guns, the complete gun, including the old barrel, must be returned to the factory, so that both barrels may be made to interchange on the same receiver.

	Each
Matting the top surface of plain barrels	✚$21 90
Solid Ribbed Barrels, add to plain barrel	✚ 21 90
Any length or drop of stock made to order at an advance of	✚ 39 72

*The solid ribbed barrel is particularly appreciated by shooters who have used a double gun and therefore are accustomed to a continuous line of sight. It also prevents the reflection of light on the top of the barrel from interfering with the shooters' sight. The barrel and rib are made in one solid piece, hence a rib can not be fitted to a plain barrel. Plain barrels, however, can be matted on the top surface, see extra charge for this operation under "Extras."

Note—Guns with special stock dimensions takes from six to eight weeks to manufacture, and all orders for such guns are positively not subject to cancellation.

MARLIN REPEATING



Hammerless, Take-Down, Model 43A, Six Shot.

Solid steel breech, solid top; side ejection; barrel matted on top entire length; press button cartridge release; automatic safety device; double extractors; quick-acting trigger safety.

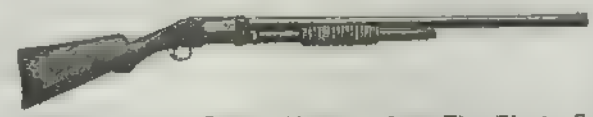
Barrel—Special rolled steel, matted, chambered to handle both 2¾ and 2⅝ inch shells.

Stock—Black walnut, pistol grip butt-stock and action slide handle; hard rubber butt-plate; length butt-stock 13½ inches; drop at comb 1⅝ inches; drop at heel 2½ inches; weight about 8 lbs.

	Each
No. 43A-30—12 gauge; 30 in. barrel, full choke	$117 75
No. 43A-32—12 gauge; 32 in. barrel, full choke	117 75
No. 43A-28—12 gauge; 28 in. barrel, modified choke	117 75

One in cardboard box; ten in wood case.

MARLIN REPEATING



Model 44A, Take-Down, Hammerless, Five Shot—Solid steel breech; solid top; side ejection; barrel matted on top entire length; press-button cartridge release; automatic safety device; double extractors.

Barrel—Special rolled steel, matted, chambered to handle both 2½ and 2¾ inch shells; specially bored for both black and smokeless powder.

Stock—Black walnut, pistol grip butt-stock and action slide handle; hard rubber butt-plate; length butt-stock 13½ inches; drop at comb 1 13/16 inches; drop at heel 2 11/16 inches; weight about 5⅞ lbs.

	Each
No. 44A-28F—20 gauge; 28 in. barrel, full choke	$117 75

One in cardboard box; ten in wood case.

✚F. O. B. New York Factory Only.

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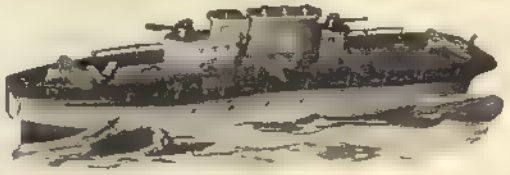
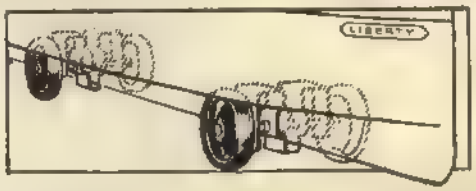


No. 60 *Airplane Carrier* . . . Catapults flying planes from its deck! Two husky motors and twin screws. A realistic reproduction. All-wood, non-crushable hull. Length 27 inches.



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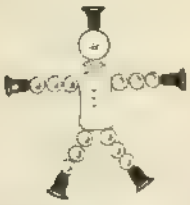

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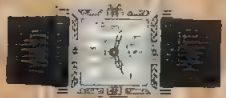

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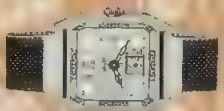

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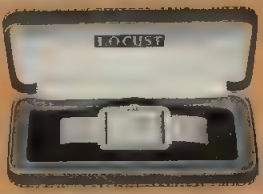

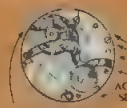

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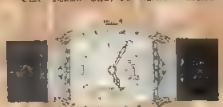
L4086—With 15 Jewel Locust Movement $25.00

L4087—8 x 13 Ligne, 15 Jewel Locust Movement, Cut Balance, Rabbet Movement, Blue Hands, White Rolled Plate Case, Leather Strap and Buckle $33.50



L4088—13½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Radium Numerals and Hands, Leather Strap and Buckle $28.00

For Physicians and Nurses

L4089—10½ Ligne, 15 Jewel Locust Movement, Cut Balance, Center Second Hand, White Rolled Plate Case, Leather Strap and Buckle $35.00

L4093—11 Ligne, 8 Jewel Locust Movement, Cut Balance, White Engraved Case, With White Woven Adjustable Mesh Band, Radium Numerals and Hands $20.00

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L4095—With 15 Jewel Locust Movement $27.50

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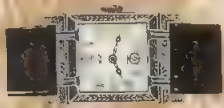
L4090—9½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Radium Numerals and Hands, Leather Strap and Buckle $37.00

L4097—10½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, With White Woven Adjustable Mesh Band $33.50



L4091—9½ Ligne, 15 Jewel Locust Movement, Cut Balance, White Rolled Plate Case, Linked End Pieces to Allow Adjustment to Wrist, Leather Strap and Buckle $33.00

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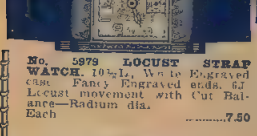
CHICAGO **ROHDE-SPENCER CO** ILLINOIS

Each in Gift Case

— LOCUST —
STRAP WATCHES

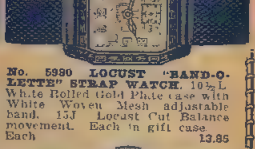
Built for Men Who
Appreciate Good Timekeepers
Remarkably Reasonable
Guaranteed Good

ACCURATELY SET JEWELS
CUT COMPENSATED BALANCE
ALL PARTS ABSOLUTELY INTERCHANGEABLE
Each Fully Tested

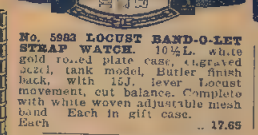


No. 5979 LOCUST STRAP WATCH. 10½L. White Engraved case. Fancy Engraved ends. 6J Locust movement with Cut Balance—Radium dia. Each 7.50

No. 5981 LOCUST BAND-O-LET STRAP WATCH. 10½L white gold rolled plate case. Plain polished bezel, heavy lugs set with 6J lever Locust cut balance movement. Complete with white woven adjustable mesh strap. Each in gift case. Each .. 11.65
No. 5982 as above 15J Each 14.80

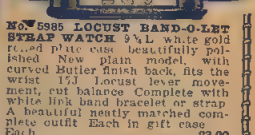


No. 5930 LOCUST "BAND-O-LETTE" STRAP WATCH. 10½L White Rolled Gold Plate case with White Woven Mesh adjustable band. 15J Locust Cut Balance movement. Each in gift case. Each 13.85

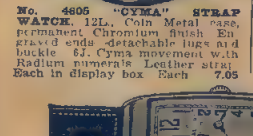


No. 5983 LOCUST BAND-O-LET STRAP WATCH. 10½L. white gold rolled plate case, engraved bezel, tank model, Butler finish back, with 15J. lever Locust movement, cut balance. Complete with white woven adjustable mesh band Each in gift case. Each .. 17.65

No 5984 LOCUST BAND-O-LET STRAP WATCH. 18×9/4 Ligne white gold rolled plate case, new model, extension end with lugs Chased side, 15 J Locust lever movement cut balance. Complete with white woven adjustable mesh band or strap Each in gift case. Each . 18.70



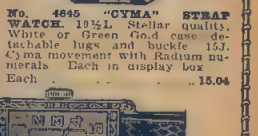
No 5985 LOCUST BAND-O-LET STRAP WATCH 9¾L white gold rolled plate case beautifully polished New plain model, with curved Butler finish back, fits the wrist 17J Locust lever movement, cut balance Complete with white link band bracelet or strap A beautiful neatly matched complete outfit Each in gift case Each 23.00



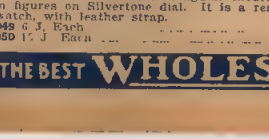
No. 4605 "CYMA" STRAP WATCH. 12L. Nickel Metal case, permanent Chromium finish En graved ends detachable lugs and buckle 6J. Cyma movement with Radium numerals Leather strap Each in display box Each 7.05

"CYMA" WORLD FAMOUS STRAP WATCHES

ARE ON TIME ALL THE TIME
Made by the
Tavannes Watch Co.
A Watch of National Renown. Built on Quality and Merit.
RADIO ADVERTISED



No. 4645 "CYMA" STRAP WATCH. 10½L Stellar quality. White or Green Gold case detachable lugs and buckle 15J. Cyma movement with Radium numerals Each in display box Each 15.04



"SEALTIGHT" MAN'S CYMA WATCH. New model 6¾L Real curved Chromium case, engraved sides, Butler Finish back An admirable Mannish type, fitted with non-breakable crystal that will not scratch and is fully guaranteed Fitted with the Famous "Cyma" Movement rectangular model, full radium figures on Silvertone dial. It is a real hemma watch, with leather strap.
No. 6049 6 J. Each 16.45
No 6050 15 J Each 23.50

THE EXQUISITE "CYMA" Is a Guaranteed Timekeeper

No. 4604 "CYMA" STRAP WATCH. 10/Os. Stellar qualits White or Green Engraved case—detachable lugs, strap and buckle 15J Cyma movement with Radium numerals Fancy Engraved case. Each in display box Each . . . 18.10

IS THE BEST **WHOLESALE HOUSE** TO BUY FROM

BASE BALLS

REACH

Best quality white horsehide cover, inseam stitched with red and blue linen thread. Per Doz

No. F14—Circumference 14 ins; diam 4½ ins; wt per doz 6 lbs $61 05

One in cardboard box.

REACH

Good quality horsehide cover. Outseam. Per Doz

No. 75—Circumference 12 ins; diam 4 ins; wt per doz 5½ lbs $33 00

One in cardboard box.

REACH

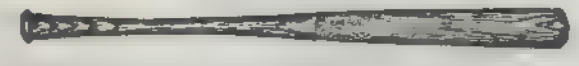
Best quality horsehide cover, outseam double stitched with red and blue thread. Will hold its shape and will not beat soft. The premier of all indoor balls.

Nos.	P12	P14
Circumference	12	14
Diam, ins.	4	4½
Wt per doz, lbs	5½	6
Per Doz	$43 20	62 80

One in cardboard box.

BASE BALL BATS

—BELKNAP—
HOME RUN



Selected second growth ash, golden oil finish, turned from an assortment of the most popular models used by big league players. Per Doz

No. HR-1—Ass't lengths 32 to 36 ins $31 50

One doz in crate; wt per doz 33 lbs.

LOUISVILLE SLUGGER

Special Notice—Louisville Slugger and Hillerich & Bradsby Co.'s Bats are not guaranteed against breakage.

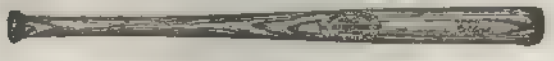
We will not make any adjustments on Louisville Slugger or Hillerich & Bradsby Co.'s broken Bats of any kind, regardless of how held.

Ty Cobb Model.

Second growth ash, oil tempered and water-proof finish. Medium barrel tapering slightly to medium handle and large knob. Registered trademark autograph of Ty Cobb burnt on barrel end. Per Doz

No. 40TC—Lengths 33 to 36 ins $59 40

One in paper bag, three doz in crate; wt per doz 33 lbs.



Eddie Collins.

Second growth ash, oil tempered and water-proof finish. Medium barrel tapering gradually to small handle and small knob. Registered trademark autograph of Eddie Collins burnt on barrel end. Per Doz

No. 40EC—Length 33 to 36 ins $59 40

One in paper bag; three doz in crate; wt per doz 33 lbs.

BASE BALL BATS

LOUISVILLE SLUGGER

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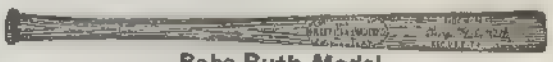
Harry Heilmann Model.

Second growth ash, oil tempered and water-proof finish. Small barrel with long hitting surface, quick taper to extra small handle and medium knob. Registered trade mark autograph of Harry Heilmann burnt on barrel end. Per Doz

No. 40HH—Length 33 to 36 ins $59 40

One in paper bag; one doz in crate; wt per doz 33 lbs.



Babe Ruth Model.

Second growth straight grain white ash, oil tempered and water-proof finish. Medium barrel with long hitting surface tapering to medium handle and extra large knob. Registered trade mark autograph of Babe Ruth burnt on barrel end. Per Doz

No. 40BR—Length 33 to 36 ins $59 40

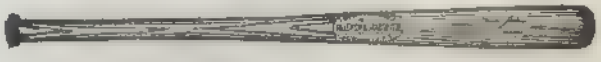
One in paper bag, three doz in crate; wt per doz 33 lbs.

George Sisler Model.

Second growth ash, oil tempered and water-proof finish. Large barrel with long hitting surface and quick taper to medium handle and knob. Registered trade mark autograph of George Sisler burnt on barrel end. Per Doz

No. 40GS—Length 33 to 36 ins $59 40

One in paper bag, one doz in crate; wt per doz 33 lbs



Travis Jackson Model.

Second growth ash, oil tempered water-proof finish. Medium barrel with straight taper to knob, which is straight and cut down to handle. Well balanced, a good model for high school and college players. Registered trade mark autograph of Travis Jackson burnt on barrel end. Per Doz

No. 40TJ—Length 33 to 36 ins $59 40

One in paper bag, one doz in carton; wt per doz 29 lbs.

Lloyd Waner Model.

Second growth ash, oil tempered water-proof finish. Extra large barrel with pronounced tapering to medium handle and knob. Weight concentrated in barrel. Registered trade mark autograph of Loyd Waner burnt on barrel end. Per Doz

No. 40LW—Length 33 to 36 ins $59 40

One in paper bag, one doz in carton; wt per doz 29 lbs

Jim Bottomley Model.

Second growth ash, oil tempered water-proof finish. Extra large barrel with pronounced tapering to medium handle and knob. Weight concentrated in barrel. This type extremely popular with big leaguers. Handle taped. Registered trade mark autograph of Jim Bottomley burnt on barrel end. Per Doz

No. 40JB—Length 33 to 36 ins $59 40

One in paper bag, one doz in carton; wt per doz 29 lbs.

BASE BALL BATS

LOUISVILLE SLUGGER

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We will not make any adjustments on Louisville Slugger or Hillerich & Bradsby Co's. broken bats of any kind, regardless of how held.

Babe Ruth Special.

Second growth ash, oil tempered water-proof finish. Made in exact proportions of Babe Ruth's model but slightly smaller and lighter. A real man's bat for boys of 12 to 15 years. Registered trade mark autograph of Babe Ruth burnt on barrel end

Per Doz

No. 40BRS—Length 32 to 33 ins $59 40

One in paper bag, one doz in carton; wt per doz 27 lbs.

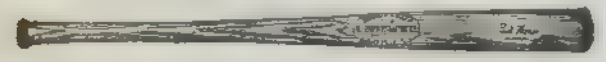
Rogers Hornsby Special.

Second growth ash, oil tempered water-proof finish. Made in exact proportions of Rogers Hornsby model but slightly smaller and lighter. A real man's bat for boys of 12 to 15 years Registered trade mark autograph of Rogers Hornsby burnt on barrel end.

Per Doz

No. 40RHS—Length 32 to 33 ins $59 40

One in paper bag, one doz in carton; wt per doz 27 lbs.



Paul Waner Model.

Second growth ash, oil tempered water-proof finish. Medium large barrel with gradual taper to large handle and medium knob. Registered trade mark Paul Waner burnt on barrel end.

Per Doz

No. 40PW Length 33 to 36 ins..... $59 40

One in paper bag, one doz in crate; wt per doz 33 lbs

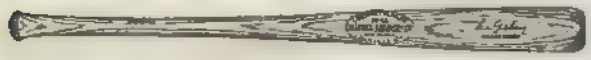
L. Goose Goslin Model.

Second growth ash, oil tempered water-proof finish. Medium large barrel with long hitting surface tapering to medium handle and extra large knob. Registered trade mark L. Goose Goslin burnt on barrel end.

Per Doz

No. 40LGG—Length 33 to 36 ins $59 40

One in paper bag, one doz in crate; wt per doz 33 lbs.



Lou Gehrig Model.

Second growth ash, oil tempered water-proof finish. Extra large barrel tapering to medium small handle and knob with weight concentrated in barrel. Registered trade mark autograph of Lou Gehrig burnt on barrel end.

Per Doz

No. 40LG—Length 33 to 36 ins..... $59 40

One in paper bag, one doz in crate; wt per doz 33 lbs.

BASE BALL BATS

HILLERICH & BRADSBY CO.

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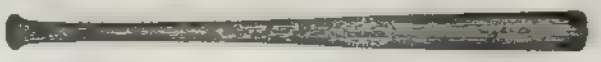


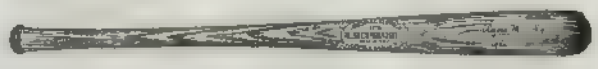
Bone Rubbed.

Second growth ash, weather tempered, and bone rubbed which closes the pores of wood giving a hard hitting service. Each bat autographed.

Per Doz

No. 250—Lengths 32 to 36 ins..... +$66 00

One in bag; one doz in crate; wt per doz 33 lbs.



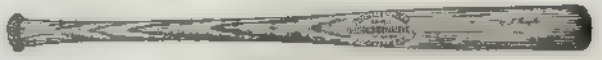
Rogers Hornsby Model.

Second growth ash, turned by experts; cured in oil. Large barrel tapered gradually to thin handle, with medium knob, driving power concentrated at extreme end of bat. Used by this player in leading National league in batting for 6 consecutive years.

Per Doz

No. 40RH—Lengths 33 to 36 ins inclusive..... $59 40

One in paper bag, one doz in crate; wt per doz 28 lbs.



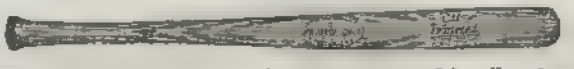
H. S. Cuyler.

Second growth ash. Medium large barrel with long hitting surface, tapering to medium handle and extra large knob. Registered trade mark autograph of Hazen Cuyler burnt on barrel end.

Per Doz

No. 40HC—Length 33 to 36 ins..... $59 40

One in paper bag, one doz in crate; wt per doz 33 lbs.



Second growth ash, turned by experts; cured in oil. Assorted models of famous sluggers. Golden finish.

Per Doz

No. 125—Length 32 to 36 ins..... $59 40

One in paper bag, three doz in crate; wt per doz 34 lbs.

MINIATURE

A reproduction miniature model of No.125 Louisville Slugger base ball bat. For use as souvenirs and advertising purposes.

Per Doz

No. T1—Length over all 14 ins $3 30

Packed loose; wt per doz 2¼ lbs.

Babe Ruth Junior Model.

Second growth white ash, highly polished, golden finish. Youths' size. Registered trade mark autograph of Babe Ruth burnt on barrel end.

Per Doz

No. 40BRJ—Length 32 ins..... $23 70

One in paper bag, three doz in crate; wt per doz 25 lbs.

+F. O. B. Kentucky Factory Only.

BASE BALL BATS

HILLERICH & BRADSBY CO.

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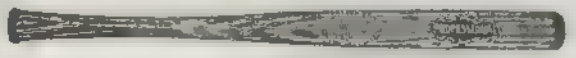
Semi Pro.

Second growth ash; lengths 33, 34 and 35 inches. Per Doz
No. 118—Brown stain finish, with white grip highly polished and taped; branded "Semi Pro" $23 70
One in paper bag; three doz in crate; wt per doz about 37 lbs.

Professional League, Taped Grip.

Second growth straight grain ash, burnt oil finish, highly polished. Professional burnt on barrel end. Per Doz
No. 16—Length 32 ins $35 70
One in paper bag, three doz in crate; wt per doz 33 lbs.



Safe Hit.

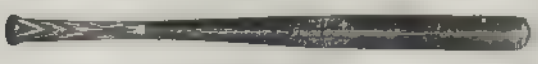
Second growth white ash, natural finish, highly polished. Professional burnt on barrel end. Per Doz
No. 15—Lengths 32 to 35 ins $35 70
One in paper bag, one doz in crate; wt per doz 33 lbs.

King of the Field.

Second growth straight grain ash, golden flame burnt finish, highly polished. League regulations burnt on barrel end. Per Doz
No. 12—Length 32 to 35 ins $23 70
One in paper bag, one doz in crate; wt per doz 33 lbs.

King Of The Field, With Taped Handle.

Second growth oak, golden finish highly polished. League regulations burnt on barrel end. Per Doz
No. 13 Lengths 32 to 35 ins $23 70
One in paper bag, one doz in crate; wt per doz 33 lbs.



Youth's Slugger.

Second growth ash, burnished finish. Professional transfer on barrel end. Per Doz
No. 42 -Length 32 ins $17 85
One in paper bag, one doz in crate; wt per doz 25 lbs.

Board of Education Model.

Second growth ash, natural finish with flame burnt spots. Taped handle. Board of Education burnt on barrel. Per Doz
No. BE Length 32 ins $13 20
One in paper bag, one doz in carton; wt per doz 15 lbs.

BASE BALL BATS

D 9

HILLERICH & BRADSBY CO.

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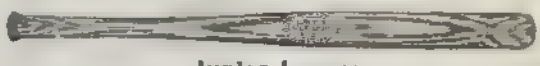
Champion. Per Doz
No. 8—Ash, 32 ins long; varnished, branded "Champion" $13 20
Three doz in crate; wt per doz 24 lbs.



Junior League. Per Doz
No. 4—Ash, 32 ins long, flame burnt, highly polished, branded "Junior League" $9 90
Six doz in crate; wt per doz about 26 lbs.

Cracker Jack, Boy's Bat. Per Doz
No. 02—Hardwood, 28 inches long, golden flame burnt finish $6 60
Six doz in crate; wt per doz about 24 lbs.

Indoor Bats.

Ash, flame burnt, polished; taped. Per Doz
No. 52 Length 33 ins $19 80
Three doz in crate; wt per doz 22 lbs.

BASE BALL BAT RACKS

HILLERICH & BRADSBY CO.

¾ inch angle, steel frame, 3 inch steel brackets, spot welded to frame, green enameled finish with orange lettering.

Well braced, very substantial; displays 36 bats, 18 on either side.

Each
No. 075—Size face 21x33 ins; height over all 64 ins $21 45

One in carton, K D; wt each 30 lbs.

BODY PROTECTORS

REACH

Men's size extra pad over shoulders; elastic shoulder strap; leather back straps; polished nickel buckles and snaps. Each

No. $4—Khaki canvas; leather bound edge; wt each about 2 lbs $9 00

No. $6—Extra heavy khaki canvas; leather bound edge; wt each about 4 lbs 16 50

No. $P—Extra heavy khaki canvas; laced edge; wt each about 4 lbs 19 80

One in cardboard box.

LEG GUARDS

REACH

Big League Model.

Fibre shin pieces with adjustable leather back; moulded fibre knee protectors; leather bottoms and hinge; flexible parts padded with white felt.

Per Pr

No. LG—Wt per pair 2¼ lbs $17 70

Wrapped in heavy paper.

BELKNAP'S

Shin pieces extra heavy fibre, reinforced with leather and padded with white felt. Knee caps made of leather, lined with white felt; flexible leather padded joint below knee cap allows perfect freedom of action.

Per Doz Pr

No. 0—Wt per doz pairs 27 lbs $270 00

Wrapped in heavy paper.

CATCHERS' MASKS

Heavy black enameled steel wire, which will not chip off nor reflect the sun. Overhead strap and carefully formed chin and forehead rests. Four leather hair stuffed pads, neatly laced to frame.

Per Doz

No. 6M—Wt per doz about 22 lbs $114 00

One in cardboard box.

Heavy drawn steel wire, dead black finish. Heavy, strong overhead strap; selected calf skin chin and forehead pieces. The soft and flexible material used easily adjusts itself and contusion is less liable to develop.

Per Doz

No. 1M—Wt per doz about 24 lbs $123 00

One in cardboard box.

REACH

Electric welded steel wire, shallow frame, with ear protectors and spitter hole; double reinforced eye wires, dull black enamel rubber finish. One continuous pad stuffed with hair and light elastic wool felt; laced with genuine rawhide to double reinforced pad holders; padded chin rest and neck protector. Best quality adjustable leather tipped double black elastic head bands.

Per Doz

No. 3M—Wt per doz about 25 lbs $147 00

One in cardboard box.

CATCHERS' MASKS

Steel wire, black enameled finish. Four leather, hair stuffed pads, laced to frame. Chin and forehead rests. Regular men's size.

Per Doz

No. 2M—Wt per doz about 15 lbs $100 80

One in cardboard box.

REACH

Heavy wire, bright finish. Two full length leather side pads laced to frame. Without head or chin piece.

Per Doz

No. CM—Youths' masks. Wt per doz about 8 lbs $41 55

One doz in cardboard box.

REACH

Steel wire, bright finish. Four leather, hair stuffed pads, laced to frame. Nicely fitted chin and forehead rests. Made in the same size and general style as the association mask.

Per Doz

No. XX—Amateur men's mask. Wt per doz about 11 lbs $67 20

One in cardboard box.

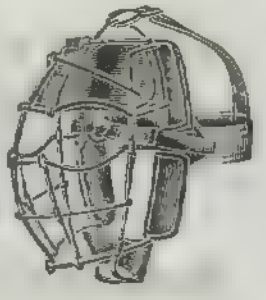
REACH

Heavy steel wire, black enameled. Well padded and extra strong. Patented elastic head band, green transparent sun shade.

Per Doz

No. 40$—Regulation mask. Wt per doz about 18 lbs $79 20

One in cardboard box.



REACH

Association, Open Vision Model.

Heavy steel wire, black enameled finish; welded joints; leather chin rest and hair stuffed pad; adjustable head strap; removable sun shade. Regular men's size.

Per Doz

No. 30$—Wt per doz 16 lbs $108 00

One in cardboard box.

REACH

Heavy steel wire, bright finish; well padded and extra strong. Fitted with transparent sun shade.

Per Doz

No. 20$—Wt per doz about 24 lbs $132 75

One in cardboard box.

J LOUISVILLE SLUGGER BASEBALL BATS

Autographed models, exactly duplicating bats used by famous sluggers, hand-turned by experts from extra selected, second growth mountain ash. Duco finish.

Ty Cobb

Thin handle, with gradually tapered barrel. Polished golden finish.

NO.	
40TC	Ty Cobb

Eddie Collins

Small handle, well proportioned. Brown stained, highly polished.

NO.	
40EC	Eddie Collins

Travis Jackson

Small barrel gradually tapering to long thin handle and medium knob.

NO.	
40TJ	Travis Jackson

Rogers Hornsby

Extra large barrel with pronounced taper to medium handle and knob.

NO.	
40RH	Rogers Hornsby—Regular Weight.
40RHS	Special—Light Weight.

George Sisler

Small handle tapering quickly to large barrel, highly polished.

NO.	
40GS	George Sisler

Babe Ruth

Medium handle, medium sized barrel.

NO.		
40BR	Babe Ruth—Regular Weight.	
40BRS	Special—Light Weight.	

Hazen Cuyler

Extra large barrel tapering to medium handle. Dark brown finish, highly polished.

NO.		
40HC	Hazen Cuyler	
NO.		
40PW	Paul Waner	
NO.		
40LG	Lou Gehrig	
ALL NOS.		DOZEN
40	All autographed models above, lengths 32 to 36 inches	$30.00

Babe Ruth Junior Model

Youth's size, length 32 inches. Highly polished, golden flame burnt finish.

NO.	Lgth. In.	DOZEN
40BRJ	32	$12.00

Ty Cobb Junior Model

Bears registered trade mark, photo and autograph of Ty Cobb. Highly polished, golden, flame burnt finish.

NO.	Lgth. In.	DOZEN
40TCJ	32	$12.00

Junior Slugger

Burnished finish. Golden handle, burnished barrel. "Professional" transfer on barrel end. Packed in crates of three dozen, assorted weights, each bat in paper bag, weight 75 lbs.

NO		DOZEN
42		$9.00

Bingo

Natural finish; highly polished; transfer.

NO.	Lgth. In.	DOZEN
20	32 to 36	$18.00

King of the Field

Golden flame, burnt, highly polished, transfer. Taped handle.

NO.	Lgth. In.	DOZEN
13	32 to 35	$12.00

Semi-Pro

Brown stained body, golden knob, center tape and transfer. Highly polished.

NO.	Lgth. In.	DOZEN
11-B	32 to 35	$12.00

Champion

Full size bat; plain varnish finish.

NO.	Lgth. In.	DOZEN
6	32 to 36	$6.00

Junior League

Youth's bat; made of hardwood, golden flame burnt polished.

NO.	Lgth. In.	DOZEN
4	32	$4.20

Crackerjack

Boy's bat; made of hardwood. Green stain, dark flame burnt handle.

NO.	Lgth. In.	DOZEN
02	28	$3.00

Official Indoor

Made of high grade ash. Golden mottled finish. Highly polished, taped handle.

NO.	Lgth. In.	DOZEN
54	33	$12.00

Indoor

Made of ash wood, flame burnt, polished.

NO.	Lgth. In.	DOZEN
52	33	$9.00

Playground

Made of hardwood. Golden flame burnt finish, polished. Medium sized handle and designed for playground use

NO.	Lgth. In.	DOZEN
PG	32	$9.00

Board of Education

Clear, straight grain ash, well shaped and balanced.

NO.	Finish	Lgth. In.	DOZEN
BE	Plain	36	$6.00

Not guaranteed.

MASKS AND PROTECTORS J

DRAPER & MAYNARD

MASKS

The D & M Professional Model. One of the strongest and most serviceable masks in our line. Made of heavy, double steel wire, electrically welded. Clear open vision and with sunshine protection. Has a continuous soft leather pad and chin cushion. Elastic web straps.

NO.	EACH
M13	$8.00

D & M League Model. A mask built to meet the requirements of league play but at a popular price. Strongly made of heavy wire, open-vision spitter model. Has a soft leather, continuous hair-stuffed pad. Black sole leather sunshade. Will give excellent service.

NO.	EACH
M9	$6.00

Johnstone patented aluminum model. Made of one-piece light metal with rigid cross bars. Very light and strong. Fitted with the special D & M soft, continuous, adjustable leather pad, which is straped and laced on to frame. This mask affords the most perfect protection to the face, head and ears. It has been adopted by the big league catchers and umpires as the ideal mask.

NO.	EACH
M14	$15.00

The Major League Open-Vision Model. Made of strong heavy, single wire electrically welded, with a diamond shaped spitter. Has a continuous soft leather, hair-filled pad and sole leather visor. Large soft leather chin cushion. Affords wonderful protection.

NO.	EACH
M12	$9.00

MASKS

Large size, well padded. Leather head and chin pieces.

NO.	EACH
M5	$3.50

Boy's Mask. Stuffed pad. Leather head and chin pieces.

NO.	EACH
M3	$2.50

Boy's Mask. Well padded.

NO.	EACH
M1	$1.00

PROTECTORS

71-78

5

4

Body Protectors

Made of heavy brown waterproof army canvas. Heavily padded with light material, giving the maximum of protection with the minimum of weight. Leather harness and special nickel fasteners.

NO.	EACH
71	$9.00

Similar to above but made of lighter material and has elastic harness.

NO.	EACH
78	$4.00

LEG GUARDS

No. 5. This is a fibre shin guard with molded leather knee caps reinforced with full-grain leather and padding of a white felt; covered leather ankle pads and an especially constructed inside strap to hold the guard away from the leg; knee and ankle guards leather bound.

NO.	PAIR
5	$11.00

No. 4. Made of heavy white duck with molded leather knee cap; felt lined with willow reed protection.

NO.	PAIR
4	$7.50

Mason & Parker Mfg. Co.

The Pool Table pictured is typical of a complete line of tables made by this company, from the little 15" x 23" number up to the big fellow that is 38" x 71". The manufacturer features the rigid construction of this line, heavy metal braces insuring a rigid playing surface. All tables include net pockets and numbered composition balls, with the larger tables having the added feature of striped balls and counting beads. Other items in this line, which had its Toy Fair display in the rooms of Riemann, Seabrey Co., Inc., were pianos, blackboards, trunks, tool chests, games, boats and juvenile furniture.

Janesville Products Co.

The Roly Rider, shown in the photograph, was one of the high spots shown by this company during the Fair. Buckee Horse is its name. It is noiseless, does not mar the floor and is made for children of from two to five years of age. Produced in two numbers, to sell for $4.75 and $5.75 each, it is distributed through all classes of the trade, and, like the line of coaster wagons, is produced under the trade name of "Janesville."

Owens-Kreiser Co.

From the many lines shown by this concern, the Jazz Band Outfit, made by the Hercules Toy Co., was selected. This outfit retails at $1.00 and consists of a bass drum, snare drum, cymbal, triangle and cow bell. On the front and reverse sides of the drum the face of a clown is painted in colors. This item is particularly suitable for wholesalers, chain stores and dollar stores.

Fuld & Co.

The cut shown here depicts the Valentine number called "Umakum," which represents a box of valentine material so that the user may make up for herself several juvenile items. In addition to this featured number, this exhibitor also showed a full selection of cut outs, movables, mechanicals, pulling cards, and honeycomb tissue, which covered all the popular price ranges.

Louis Wolf & Co., Inc.

From the many items of imported and domestic toys shown by Louis Wolf & Co., Inc., a new Soldier Set was selected. The set illustrated shows knights in armor with riders, horses and foot soldiers. These sets retail from 25c to $5.00. American and foreign armies, cow boys and Indians are to be had, as well as the knights in armor.

Direct Toy Sales Corp.

Pictured here is a newcomer entitled "Playit With Flowers," a green house in which youngsters can actually grow plants. It is made in four sizes, is attractively enameled in colors and has steel frames, steel sash and enameled planting trays. Accessories include iron flower stands, ferneries, garden baskets, garden tools, seeds, soil, etc. Other lines of American manufacture were shown in this display, and sales of all items bearing the trade mark, "Playit" are controlled by this company.

Illinois Seating & Metalcraft Co.

The pictured number is typical of a new line of juvenile breakfast sets being produced by this company. The base is steel, with tops and seats being made of wood. All parts are riveted and are produced in very attractive colors, some of which are now marbelized and crackled effects.

Corcoran Mfg. Co.

Illustrated below is "Black Beauty" the new galloping horse with the life like movement. A minimum amount of energy is required to operate this pedal propelled toy, which is handsomely decorated.

Making their Bow

Milton Bradley Company

Hoopl Pegs is one of the new pre-school toys brought out by the Milton Bradley Co. This toy retails at $2.00, and is designed for both wholesale and retail trade. The pre-school line has been carefully prepared under the supervision of experts, so as to embody many educational features for the purpose of developing young children while at play.

The Deeks Mfg. Co.

The "Fungun" Shooting Game, a newcomer at the Fair this year, includes guns made from Ebonite, with metal hammers and triggers. Six rounds of ammunition, comic animal targets, score pads and instructions—all are included in a six-color, handsomely lithographed box. The manufacturer features the fact that they supply dealers with counter display cards, which act as an aid in speeding sales. The "Fungun" is made in 25c, 50c, and $1.00 sizes, and sells through department stores, jobbers and chain stores.

Kenton Hardware Co.

Shown in the rooms of Riemann, Seabrey Co., Inc., was this Buckeye Ditch Digger. This newcomer in a line of cast iron toys is built exactly like the big numbers in daily use in road and construction work throughout the country, and the manufacturer features the sturdiness of its construction. Shown also under the trade name "Kententoys" was a complete line of iron toys, which included new numbers in vertical and horizontal steam-type engines, aeroplanes, dirigibles, concrete mixers in three sizes and a full assortment of iron trains, stoves, banks and kindred toys.

G. B. Lewis Co.

"Ark.toy" has been dressed up in bright green and red colors for 1930, in answer to the modern demand for color. The particular number shown is a reproduction of the G. B. Lewis Co.'s plant in miniature, all machines having been made with "Arkitoy" materials and operated from a line shaft driven by an electric motor. The "Arkitoy," which, incidentally, means Toy Architect, is made in sizes to retail from $1.00 to $10.00.

Hy-Sil Mfg. Co.

Featured by this manufacturer were the packaging refinements in which the products of this company are offered. This line, consisting of tinsel garlands, cords, ribbons, artificial snow, icicles and holiday decorations, has added sales appeal through the fashion in which these numbers are presented.

Grey Iron Casting Co.

Pictured here is the paint set Tint-Em-Toys, produced by this company and shown, with the rest of the line, by Riemann, Seabrey Co., Inc. Made in two sizes, to retail at $1.00 and $2.00, the sets consist of cast iron animals in plain finish, water color paints and two brushes, so that the youngster may paint the animals in their natural colors.

The Wayne Toy Mfg. Co.

The manufacturers of the Big Six Target Game emphasize its accuracy, point to the display features, which require no counter set-up and which eliminate any possibility of loose or lost parts. This is a $1 item and, together with the Jumping Jitney, Indian Archer and Wheel of Fortune made by this company, is designed to sell to all classes of the trade.

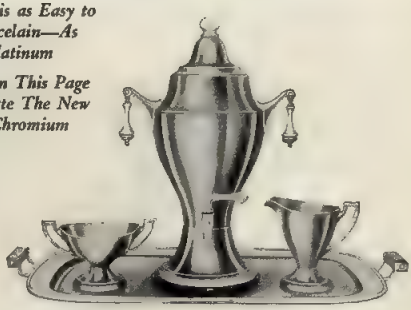
Structo Mfg. Co.

Among the new items shown by this company this year were the mechanical tractors, trailers and scrapers, Giant Climbing Army Tank and the number illustrated, which is the Giant Climbing Tractor and Trailer. This newcomer has a powerful, triple-spring caterpillar tractor, capable of climbing a 45-degree incline from a dead start. The tractor is finished in attractive orange and blue body, with red wheels and nickel trim.

Everlasting Aranium Plate—A Manning-Bowman Product

Aranium Plate is as Easy to Clean as Porcelain—As Rich as Platinum

Every Article on This Page is Aranium Plate The New Improved Chromium



PERCOLATOR URN SET

9-Cup Capacity

The handsome electric Percolator Urn Set illustrated above is perhaps the most popular high grade set ever put on the market. The design is rich and appealing in its charming simplicity. The appearance is embellished with a modern border decoration. The drop handles on the urn and the tray are trimmed in genuine Catalin, in either Jade, Agate or Onyx. The set is finished in Aranium, with a bright beauty of its own, and with the surprising feature that it will not tarnish. The set consists of the 9-cup urn percolator, the graceful sugar and creamer and the oblong tray. Sold complete as a set only.

7G56127 PRICE complete **$96.00**

All Manning Bowman Electrical Percolators are fitted with safety fuse. Shuts off if you let it boil dry.

COLONIAL URN SET

Capacity 9 Cups

Here is a service that is aristocratic and dignified in appearance. It is tall and stately, with its beauty enhanced by the genuine Catalin mounting on the tray and on all handles on the urn. The Catalin mounting can be had in Jade, Agate or Onyx finish. The set itself is plated in Aranium and will never tarnish, rust, stain or corrode. Set consists of 9-cup percolator, creamer and sugar and oblong tray. Sold complete as a set only. A beautiful creation a gorgeous gift.

7G56128 PRICE complete **$85.25**

Every home needs a Percolator Set. These sets are useful gifts of distinctive character.

HANDSOME NEW PATTERN

Hand Etched—Jade Mounts

All four pieces of this service are hand etched; the tray has etched meta, bottom. The design is modern yet restrained, and will harmonize with any other appointments in your home. The Catalin mounts of this service are in Jade molded with fatet traces of white which add individuality to the service. Being Aranium plated the service will not tarnish, and requires no cleaning or polishing. Set consists of 9-cup percolator urn, sugar and creamer, and 17-inch tray. Exquisitely perfect in every detail.

7G56129 PRICE complete **$116.50**

ELECTRIC URN SET—GREAT VALUE

Into this moderately priced electric urn set has been put the highest quality of materials and the most skilful workmanship. The service has the charm of sheer simplicity, the essence of good taste. It is finished in Aranium with a bright, sparkling lustre, which cleans as easily as chinaware. The set consists of the 9-cup urn, sugar and creamer, and tray.

7G56131 Set complete, specially priced **$59.00**

ELECTRIC URN SET—ARANIUM PLATE

When women know Aranium Plate they will accept no other. This delightful electric Urn Set is the new Canterbury pattern. It is made in the new Aranium plate that does not burn or tarnish. Consists of 9-cup Urn Percolator, 9-ounce gold lined Sugar and Creamer and 18-inch oblong tray. The tray and Urn are both beautifully designed and have Ivory finished handles. A most charming set.

7G56130 PRICE complete **$93.00**

Electric Percolator Sets are Splendid Gifts . . .

NATIONALLY ADVERTISED

All Manning-Bowman & Company Percolators and sets are nationally advertised in the most widely circulated magazines of the country. The Manning-Bowman high standard of quality is known by every housewife It is our suggestion that dealers keep a full supply of this merchandise in stock at all times to accommodate the requirements of their customers

FITTED WITH SAFETY FUSE LINK

All Manning-Bowman & Company Percolators are equipped with the new fuse link cutout, a protection that never fails. If the percolator boils dry, the current is automatically turned off. The fuse will not shut off while the percolator contains water, but works as soon as dry. Extra fuse included. Anybody can replace it.

MANNING-BOWMAN & CO. CANTERBURY PATTERN

COMPLETE PERCOLATOR SET—NICKEL OR SILVER

The classical design and handsome proportions of this elegant percolator set have won tremendous favor. Urn is 9-cup capacity and has Ivoroy handles. Covered Sugar and Creamer are both gold lined; 12 by 16-inch Tray has Ivoroy handles Comes in your choice of nickel or silver plate on heavy solid nickel silver base

7G56134 PRICE complete, Heavy Nickel Plated . . **$69.75**
7G56135 PRICE complete, Heavy Silver Plated . . **104.50**

BEAUTIFUL NEW M-B 4-PIECE SET

Here is a new beautiful 4-piece percolator set made by Manning-Bowman of heavy nickel plate. There is a graceful 8-cup urn percolator, a gold lined sugar and creamer and a 15-inch round tray. The beauty of this splendid new set is enhanced by the graceful design and the care shown in fashioning each small piece. A percolator set of great charm Set is sold complete only

7G56132 PRICE **$35.65**

M-B 4-PIECE PERCOLATOR SET

Handsome M-B 4-piece Percolator set in a neat and effective design after the early American fashion Consists of beautiful 7-cup Urn Percolator, 7-ounce gold lined Sugar and Creamer and 14-inch round Tray. All pieces are heavily nickel plated. A charming percolator set at America's lowest price. Sold complete only

7G56133 PRICE complete **$28.65**

4-PIECE NICKELED URN SET

Handsome 4-piece set, made of highly polished nickel plate. Set consists of 9-cup urn, gold lined sugar and creamer, and serving tray, size 13¾x20½ inches The tray is of steel, highly nickel plated, with satin finished center and highly polished border and handles. The features are the heat-proof glass top, ebonized black handles, nichrome moisture-proof elements, and standard length asbestos covered heater cord with two-piece attachment plug and regular connecting plug The construction, fine workmanship and excellent finish, make this a remarkable value for gift purposes as well as for general use.

7G56136 PRICE **$31.80**

4-PIECE PERCOLATOR SET OF HEAVY ALUMINUM

This charming new 4 piece set is made of heavy pure aluminum without seams, welds or rivets The percolator has a spray top fountain or pump with heat proof glass top and ebonized black handle The heating element is of nichrome, metallically sealed Pure aluminum takes a handsome high polish. Set is complete with 8-cup percolator, sugar, creamer and tray Comes with standard length asbestos covered heater cord with two-piece attachment plug and regular connecting cord. Fully guaranteed. Amazingly low priced!

9G56137 PRICE **$11.25**

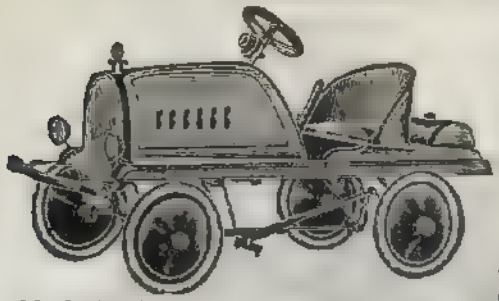
SPECIAL VALUE COPPER 4-PIECE COFFEE SET

Into this moderately priced 4-piece coffee set we have crowded the highest possible quality of materials and workmanship The set is made of solid copper finished in highly polished nickel plate The urn percolator holds 6-cups, it has heat proof glass top, ebonized black handle guaranteed heating elements and standard length asbestos cord with two-piece attachment plug and regular connecting plug The matching sugar and creamer are gold lined The 16" tray is highly polished and heavily nickel plated. The set is especially desirable for gift purposes. It is a very special value.

9G56138 PRICE **$22.50**

CHILDREN'S AUTOMOBILES

BUICK, Red Disc Steel Wheels, Rubber Tires.

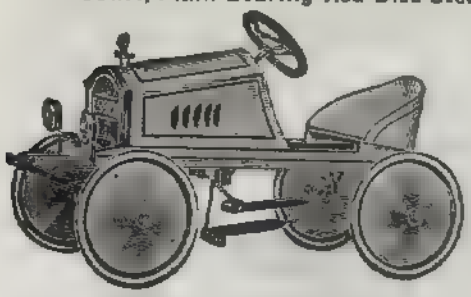


Hardwood frame and seat; sheet steel hood and seat back; knuckle joint steering gear; wood steering wheel with gas lever; double disc steel wheels; bumper bolted to frame. Baked, red enameled body, hood and wheels striped and decorated; hood vents; nickel plated hub caps, rubber pedals. Equipped with extras. Each

No. 103—Body 12x48 ins; 10 in. wheels; ½ in. rubber tires $22 50

One in carton; wt each 42 lbs.

ESSEX, Plain Bearing Red Disc Steel Wheels.



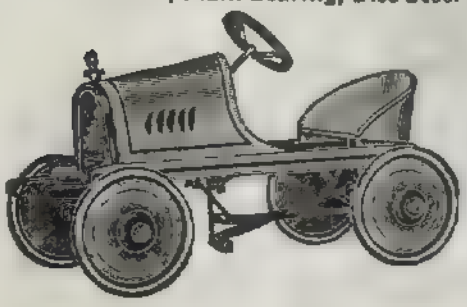
Hardwood frame and seat, sheet steel hood, radiator and seat back, tan enameled, striped and decorated in red and black.

Equipped with knuckle joint steering gear, wood rim steering wheel with gas control lever, instrument board and extras. Each

No. 102—Body 11x30 ins; diam wheels 10 ins; ½ in. rubber tires $19 50

One in carton; wt each 29 lbs

DODGE, Plain Bearing, Disc Steel Wheels.

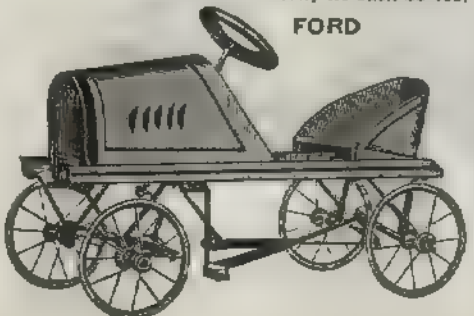


Hardwood frame and seat, steel hood, radiator and seat back, royal blue enameled, striped and decorated in yellow and black. Equipped knuckle joint steering gear, wood rim steering wheel, and extras. Each

No. 101—Body 11x30 ins; diam wheels 10 ins; ½ in. rubber tires $16 50

One in carton; wt each 29 lbs.

FORD



Hardwood frame and seat, steel hood, radiator and seat back, red enameled, striped and decorated in yellow and black. Plain bearing wire wheels, with nickel plated hub caps. Rubber pedals. Each

No. 99—Body 11x31 ins; diam wheels 8 ins; ⅜ in. rubber tires $12 75

One in carton; wt each 25 lbs.

CHILDREN'S AUTOMOBILES

STEELCRAFT

"A New Idea in Children's Automobiles."

The sturdy construction and handsome appearance of steelcraft Autos must not be confused with ordinary makes of children's automobiles. They are reproductions of real automobiles, in fact they are modeled from blue prints furnished by automobile Manufacturers. Steel sheets used are of same gauge as used in many real autos.

Strength is an outstanding feature as they easily accommodate up to 150 lbs. All models are built with Elliptic springs to afford greater comfort, this is quickly recognized by all children. Pedals are adjustable to accommodate different size children. Padded leather seats. Bumpers are of heavy steel. Radiator is of metal and very attractive. Wheels are double disc type made of heavy steel, riveted together, fitted with good quality rubber tires and nickel hub caps. Fenders, running boards, etc. are of heavy gauge steel. All accessories such as lamps, motometer, horn, brake, windshield, etc., are of heavy material. The finish of steelcraft autos is superb. Enamels are baked on (not painted) and of very handsome colors.

MACK TRUCK, DUMP

10½ Inch Roller Bearing Double Disc Steel Wheels.

Heavy channel steel frame, provided with steel springs of real truck design which permits exceeding ease of operation and riding comfort; stamped steel body and fenders, enameled black, double disc steel wheels, enameled red.

Equipped with special mechanism for raising and lowering body of truck; adjustable pedals, double crown fenders and nickel hub caps. Each

No. 33—Junior Size; size over all 22½x51 ins; size body 18½x14x5 ins; ¾ in rubber tires; capacity 150 lbs; wt each 76 lbs 27 75

Crated *$13 00*

No. 30—Standard Size; size over all 25x64 ins; size body 24x14½x5 ins; 1 in rubber tires; capacity 200 lbs; wt each 117 lbs 58 50

Crated *26 80*

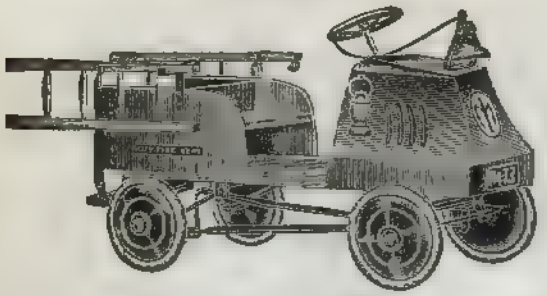
MACK TRUCK, DUMP

Red baked enamel stamped steel body and wheels, black baked enamel chassis. 8¼ inch self-contained double disc steel wheels with ⅝ inch rubber tires. Equipped with horn, license plates, nickel plated steel hub caps, and special mechanism for raising and lowering body of truck. Each

No. 32—Body 20x45 ins; size dumping box 15x14x5 ins 24 00

Crated; wt each 59 lbs. *$11 80*

CHILDREN'S AUTOMOBILES
STEELCRAFT



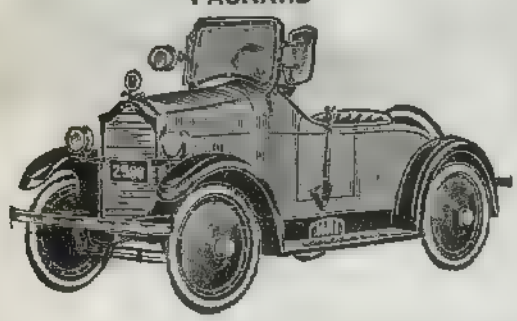
HOOK AND LADDER

Body, hood and wheels red baked enamel finish, undergear black baked enamel. 8¼ inch double disc wheels with ⅝ inch rubber tires and plain bearings. Equipped with large nickeled bell with pull cord, ladders, lanterns, springs and adjustable pedals. Each

No. 35—Length over all with ladders 48 ins, without ladders 40¾ ins; width 20 ins; length of ladders 22½ ins each..... **33 00**

One in crate; wt each 62 lbs. *$14 50*

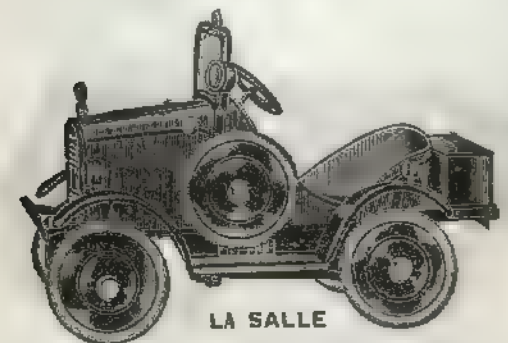
PACKARD



Roller bearings; body and wheels enameled red, fenders and gears enameled black. Equipped with Steelcraft Hi-Speed drive enabling child to drive the cars at two or three times the usual speed. Nickel plated radiator; front and rear bumpers and many other extras. Each

No. 1423—Body 25x56½ ins; diam wheels 12 ins; 1 in. rubber tires..... **60 00**

One in box; wt each 116 lbs. *$44 00*



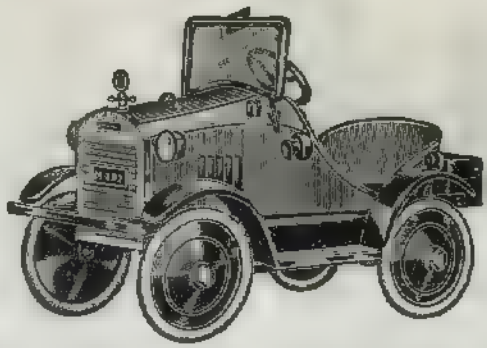
LA SALLE

Body and wheels orange baked enamel, attractively striped; fenders and undergear black baked enamel. 10⅝ inch double disc wheels, with 1 inch rubber tires and roller bearings. Equipped with udylited radiator, moto-meter, fenders running boards, horn, steering wheel with spark and gas levers, spare wheel and many other extras. Each

No. 15—Body 20¾x42 ins..... **43 50** *$22 50*

One in crate; wt each 80 lbs.

CHILDREN'S AUTOMOBILES
STEELCRAFT
JORDAN

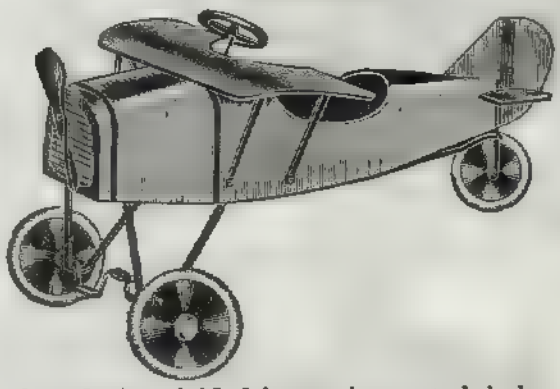


Body and wheels blue baked enamel with cream striping; fenders, running boards and undergear black baked enamel. 10⅝ inch double disc wheels, with ¾ inch rubber tires, front has plain bearings, rear ball bearings. Equipped with adjustable pedals, bright radiator, moto-meter, horn and many other extras. Each

No. 18—Body 20¾x41½ ins..... **34 50** *$17 75*

One in crate; wt each 72 lbs.

SPIRIT OF ST. LOUIS

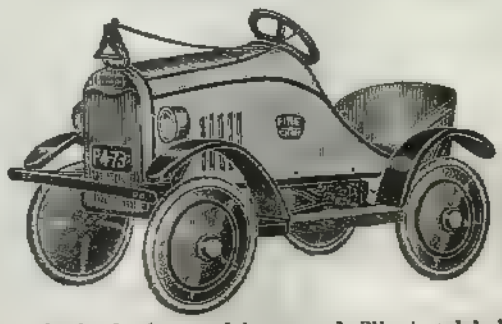


Body and wings finished in aeroplane gray baked enamel with attractive striping; red wheels. 11 inch double disc front wheels, with ¾ inch rubber tires; 8¼ inch double disc rear wheel, with ⅝ inch rubber tire. The large and roomy cockpit gives ample space for child to sit and propel plane. Each

No. 66—Length over all 57 ins; wing spread 30 ins..... **39 75**

One in crate; wt each 85 lbs. *$17 00*

CHEVROLET FIRE CHIEF



Body, wheels, fenders and bumper, brilliant red baked enamel finish, with black striping. 10¼ inch double disc steel wheels, with ball bearings. Equipped with large nickeled bell, with pull cord, head lights, front bumper, seat cushion, designed instrument board and license plate. Each

No. 21—Body 20¾x36½ ins..... **28 50**

Crated; wt each 65 lbs *$14 75*

FRENCH STEEL BEADED BAGS

Latest Importations

MADE IN FRANCE

THESE beautiful Hand Beaded Bags are all hand made of finest quality outside and matching linings. All designs and colorings are the newest creations for [illegible] the same season's appearance on both sides of bag. Each bag is lined with very fine heavy silk [illegible] and interlined to protect from wear, and is fitted with mirror to match. All bags will be delivered to customers as illustrated.

[illegible]
Each $[illegible]

[illegible]
Each $17.60

716 [illegible]
Each $32.00

Each $19.20

713 [illegible]
Each $25.60

710—[illegible]
Each $19.20

Each $ 0.00

702—Size 4⅝"x8"
Each $12.80

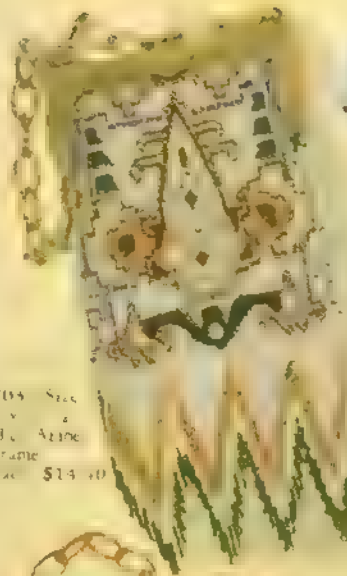
705 [illegible]
Each $16.00

FRENCH STEEL BEADED BAGS

Latest Importations

MADE IN FRANCE

These beautiful French Beaded Bags are all hand made of finest quality cut steel and metallic beads. All designs and colorings are the newest creations from Paris, the same design appearing on both sides of bag. Each bag is lined with very fine heavy silk lining and interlined to protect from wear, and is fitted with mirror to match. All bags will be delivered exactly as illustrated.



704—Size [illegible] Shell Amber Frame [illegible] Each $14.40

706—Size [illegible] Frame with [illegible] or Stone Each $17.60

715—Size [illegible] Shell Amber Frame Each $27.20

714—Size 6" x 8½" Exquisite Frame Entirely Set with Simulated Jade Stones. Each $25.60

708—Size [illegible] Shell Amber Frame Each $19.20

709—Size [illegible] Each $19.20

717—Size [illegible] Metal Floral Trimmed Frame with Serpentine Chain Each $32.00

712—Size [illegible] Each $21.00

"BABY TWINKLES"

Our ADORABLE "Featherweight"

One of Our Leading Sellers. Kapoc Stuffed and Beautifully Costumed. All New Models in the Most Wanted Sizes.

Specially Made to Allow a Big Margin of Profit.

Send for Samples Today.

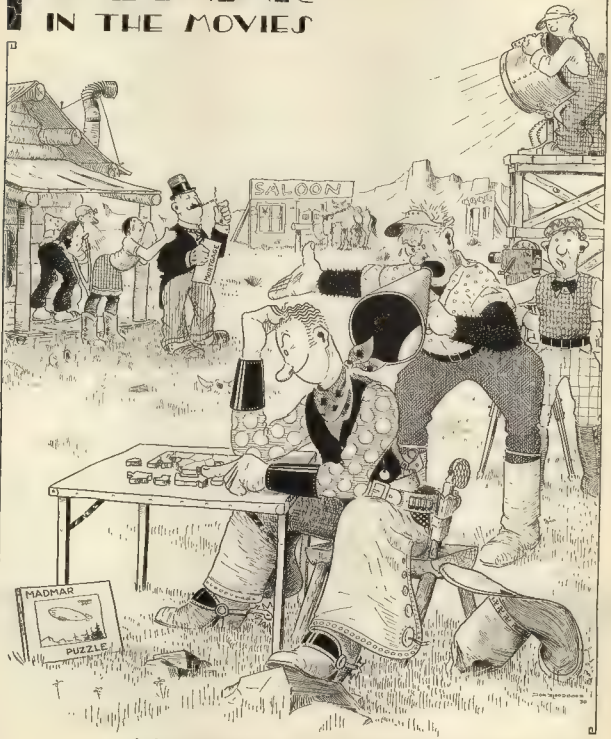
REISMAN, BARRON & CO. INC.

200 Fifth Avenue [Room 309] New York

Send for Samples and New Illustrated Circular

Brighten the HEART of every child
ADORA-BELLE
DOLLS
REISMAN BARRON & CO.

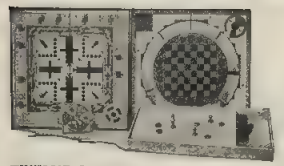
MADMAR IN THE MOVIES



MADMAR QUALITY COMPANY

Utica - New York

Educational Toys



TWELVE GAMES ON THIS BOARD

The boy or girl who has this board is ready to play and always has a good time There are twelve different games, all very interesting, which can be played on this handsome cumbination board This board is printed in colors and comes in an attractive box with complete fittings and implements with a book of directions. Size of playing board, 16½ inches square.

2G60091 PRICE **$1.50**

CHECKERS AND BACKGAMMON

You want to try Backgammon if you're looking for a game of absorbing interest it tests your skill and ability. On the outside is a standard checker board The set is made in the form of a book, lithographed in blue, gray and black and varnished The soft, artistic color combinations make this board very pleasant to play on. Set is complete with "men" in attractive wood frame box for playing checkers and Backgammon. Size of box 13⅝x14¼ in.

2G60094 PRICE **$1.50**

THE UNITED STATES MAP PUZZLE

Do you know the shapes of all our states? Here is a clever outline map which is instructive and educational, interesting and is lots of fun to play with. The map is cut on the State lines The trick is to fit them all together in their right places. The set is beautifully printed in lithographed colors and has the flags of all the nations printed on the back The size of map is 10⅝x17

2G60097 PRICE **$0.75**

LARGE SPLENDID COLOR KIT

Teachers and instructors endorse this set and recommend it. It is educational and instructive It is interesting and inspiring for the novice and yet is practical for the professional. The set has all anyone needs to do the finest color work. Contains ten large tubes of Tru-Hue water colors, thirty wax crayons in assorted colors, four jars of Tru-Hue poster colors, three brushes and a three-compartment porcelain mixing tray. The pigments and colors are of the best quality. Comes in attractive blue lacquered box with wood partitions, with brass hinges, cover chain, stop handle and catch. Size 6⅝x12¾ in

2G60098 PRICE **$7.50**

10 UNBREAKABLE ART BLOCKS 10

Building blocks are the first toys of babyhood Every child must have his blocks to play with. Illustrated above are five of a nest of ten unbreakable blocks imprinted with real art pictures. Instead of the meaningless designs commonly used, each block has a colorful picture painted by an artist of recognized ability. The blocks show Indian scenes, Eskimo pictures, Dutch scenes, pictures of childhood activities, wild and tame animals, etc. Every child deserves a good set of blocks. We recommend these.

2G60092 PRICE Set of 10 ..... **$1.50**

KNOCK 'EM DOWN

Get this set in front of you and your finger will itch to pull the trigger and make the Dodge Brothers dodge. Here is a unique target game that is a great favorite with the kiddies and the grown-ups too, that is absolutely safe for even tots to play with There are seven brothers in dress parade uniforms standing in a row, and a well-made gun which shoots a rubber cork The game develops steady nerves and a good eye. The set is nicely arranged in a neat box, size 11½x17½ in.

2G60095 PRICE **$1.50**

COLOR KIT FOR KIDDIES

The Brookside Color Kit starts the youngster right in learning to paint and draw. It develops his ability. Kit contains forty wax crayons, stencil pictures, colored tracing paper and plain paper, all nicely arranged in attractive partitioned box The hinged cover has lithographed label inside and out. Size of box 7⅝x13 in. A big set for little money.

2G60049 Specially priced .. **$1.50**

Instructive Games

BABE RUTH'S OWN GAME

HIT A HOMER!

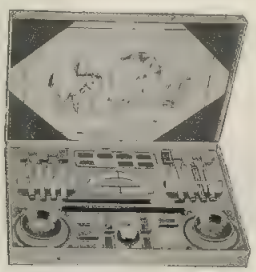
When Babe Ruth designed this new baseball game, he made it the nearest thing to a real game of baseball that has ever been made There are thrills in it for everyone. So easy to learn, the youngest member of the family can take his place in the play. This set is very nicely finished. Size 15¼x16"

2G60093 PRICE **$1.65**

PETER RABBIT PUZZLE BOOK

Puzzled Peter Rabbit! He presents a series of three puzzles here and asks you to work them out for him. Children love Peter Rabbit and they will have lots of fun with this cunning little puzzle box. The set is very nicely made, beautifully printed in colors, and is arranged in a pretty box, size 9¾x13". Just in case the puzzles are too hard for the child to work out, the solutions are printed in the cover

2G60096 PRICE **$0.75**



INSTRUCTIVE ZOO PAINT BOX

A remarkably low price for a good quality zoo paint box. No child need be without a color outfit when this may be purchased for so little. Outfit contains a good assortment of high grade materials, including seventeen cakes of paint, eight colored crayons, two enameled water cups, an eight-compartment tray of paints, cardboard protractor, brush, pencil and pictures to color. All neatly arranged in sturdy box with beautiful colored label design. Size is 9¾x13¾ in.

2G60099 PRICE **$1.90**

Lovable Dolls

TALKING TEDDY BEAR

This woolly Teddy bear says "Mama" when held tightly, and has movable arms and legs. Comes with a beautiful silk ribbon around the neck. Every child loves to cuddle a Teddy bear. This one comes in your choice of three sizes all beautifully made Please order by number.

2G60155 10 in tall....**$3.55**
2G60156 14 in. tall.... **6.50**
2G60157 20 in. tall.... **9.90**

PICKANINNY BABY DOLL

Here is Topsy, a lovable Pickaninny baby doll with ribbon-tied "pigtails." Topsy is dressed in an orange colored sport jacket with peach colored crisp organdie frock to match. Note the white silk socks and cute black bow-tie slippers. She is 11 inches tall and has movable legs and arms. Special low price.

2G60166 Price **$2.00**

CRY BABY DOLL

This smiling baby doll looks like a real baby and cries plaintively when held upside down. She is dressed in a pink organdie lace trimmed dress and bonnet with knitted silk booties to match; white lace trimmed petti coat and rubber panties complete her dainty wardrobe. She is made with composition head with movable eyes and movable composition arms and legs. Every little girl will love this blue-eyed baby doll. The height is 14 inches.

2G60167 PRICE..... **$3.95**

That Talk

SHE SAYS "MAMA"

This large life-like dimpled darling is dressed in a dainty lace trimmed organdie dress and bonnet, organdie petticoat and bloomers, knitted silk booties to match She closes her eyes and goes to sleep when you lay her down, but says "Mama" if you turn her over She stands 20 inches high and has movable composition arms and legs. A special value.

2G60169 PRICE **$7.20**

"PATSY"

Adorable Patsy wears a crisp organdie frock over a lace trimmed slip She wears the latest "Whoopee" knitted socklets and black leatherette slippers with real snap fasteners. 14 inches high

2G60165 PRICE **$2.45**

CRY BABY DOLL

Dolly closes her eyes and goes to sleep when you put her to bed, but cries if you hold her face down. And she wears such pretty clothes! Dolly stands 18 inches high and is as sweet as can be

2G60170 PRICE... **$6.00**

"I WANT A MAMA"

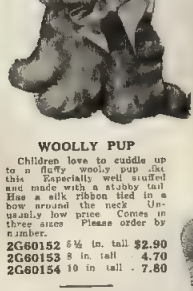
Isn't there a good little girl somewhere who would like to be my mama? I am such a good baby doll, all dressed up in my best party clothes. I have on a lovely pink bonnet with lace ruffles and a pink silk tie ribbon My dress is of pink organdie trimmed with lace like my bonnet. My undergarments are so dainty. I have white knitted booties with soft white slippers tied with a pink lace. I am always smiling, 'cause I like to show my dimples, but I close my eyes and go to sleep when you tell me to. I even cry when you turn my face down. I am a big girl over 2 feet tall

2G60168 PRICE... **$10.00**

WALKING "MAMA" DOLL With Real Blonde Hair

The most gorgeous doll you ever saw! With real blonde hair! She walks and she says "Mama" when you hold her face down Her dainty eye-lids close and she goes to sleep when you put her to bed She has the daintiest blue organdie frock with petticoat and bloomers to match Around her flaxen curls she wears a cute baby-blue silk ribbon She wears the prettiest white and blue knitted booties, with adorable slippers to match The slippers have real button straps and dainty fashionable shoe buckles. Lead her by the hand and she will walk with you. She is 26 inches tall.

2G60171 PRICE.....**$12.50**



WOOLLY PUP

Children love to cuddle up to a fluffy woolly pup like this Especially well stuffed and made with a stubby tail Has a silk ribbon tied in a bow around the neck Unusually low price Comes in three sizes Please order by number.

2G60152 5½ in. tall **$2.90**
2G60153 8 in. tall **4.70**
2G60154 10 in tall . **7.80**

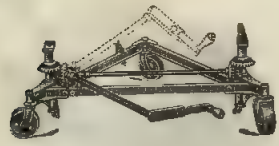
FLUFFY KITTEN

A beautiful cuddly kitten that has an irresistible special appeal to children Realistically modeled and made to withstand much handling Colored silk bow around the neck An ideal gift for the youngster who has everything Choice of three sizes Please order by number.

2G60149 6 in tall **$3.15**
2G60150 8½ in tall **6.30**
2G60151 10½ in tall **9.50**

GARAGE JACKS E

TWIN



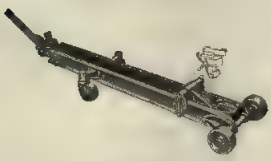
Weaver

As a lifting jack it is preferable to the ordinary type of jack, as the 34-inch wheel base offers an absolutely safe and dependable support for dismantled cars. Ball and roller bearing throughout. Only the best grade of material enters into their construction.

Capacity 4000 lbs.

NO.	Raise	Lgth Handle	Wheels	Wt. Each	EACH
WA10	9 in.	26 in.	4½ in.	50 lb	$25.00

TRUCK JACKS



Weaver

A powerful jack that will handle heavy trucks and buses with minimum effort and maximum speed. May be used in very small space. The lower end of the lifting arm is attached to a heavy screw which is threaded into a pipe to which the ratchet wheel and long lever handle are attached. Turning the ratchet wheel to the right or left by means of the long lever handle revolves the pipe and runs the screw forward or backward respectively, thus raising or lowering the arm of the jack which pivots on the jack frame. The dog on the socket into which the long handle fits can easily be adjusted to turn the ratchet wheel to the right or left to raise or lower the load. The long lever handle affords ample leverage to lift loads to 10,000 pounds. The screw principle of hoisting insures absolute safety and enables the load to be raised or lowered to the smallest fraction of an inch. The long body of the jack, 6½ feet, enables it to be inserted under either axle from the side, front or rear. The body of the jack is of heavy 4¾-in. Landside channel steel, half an inch thick. The load is supported by heavy roller bearings in the front wheels. Length of jack over all (exclusive of handle), 6½ ft.; width, 1½ ft.

NO.	Min. Ht.In.	Max. Ht. In.	Cap. lb	lb Each	EACH
WA22	6	21	10,000	250	$90.00

LIFT-A-CAR

Walker—One Ton

A short stroke service jack that clears all interferences. Handle 48 inches long, wood grip. The first lift 3¾ inches from the ground when lowered will grab any low slung car and make the lift to the desired height. Just the jack for making a quick lift for tire changing. Brake adjustment working wheels.

NO.	Hght. In.	Lift In.	Lift Ft. In.	Wt. Ea.	EACH
716	7¾	18¾	3¾ to 7¾	40	$25.00

GARAGE JACK

Weaver—Curb

The speediest and most efficient jack for changing tires, etc. on the curb due to the fact that both raising and lowering are controlled from the handle. One pull of the rear trigger on the handle causes ratchet sector to pivot immediately raising the saddle against load, which is lifted on first stroke of handle. To lower load merely pull trigger and keep on pumping and the load will be gradually lowered. When saddle is free it automatically drops to lowest position. Range lift, 4¾ to 17 inches.

NO.	lb Each	EACH
WA23	55	$25.00

E

GARAGE JACKS

ROLL-A-CAR

Walker

The frame of this jack is made of malleable iron, the handle is of heavy channel steel. The lifting pawls are made of high carbon drop forged steel, machined in jigs, which insures accurate fit, long wear and absence of service trouble.

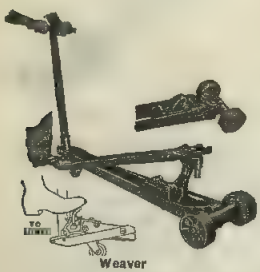
Regular

NO.	lb Cap.	Max. Lift	Min. Ht.	lb Each	EACH
740	5000	17 in.	5 in.	120	$45.00

Truck

No.	Cap. lb	Max. Lift In.	lb Ea.	EACH
760	12000	17¾	275	$97.50

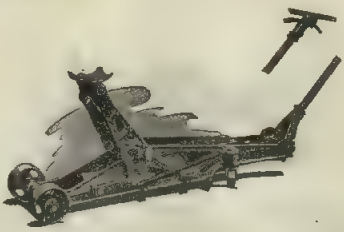
LO-WAY



Weaver

Built low for balloon tires. Ground clearance approximately 2-in. The front axle is pivoted by turning the handle right or left. Roller and ball bearings throughout. All parts can be replaced after long service with ease and without special tools. The construction of the jack is extremely rugged; the frame being of spring steel.

NO.	Cap. lb	Max. Lift In.	Min. Ht. In.	lb Ea.	EACH
WA20	5000	17	6	110	$45.00



Manley—Hydraulic

The frame of this jack is built on a true bridge principle, and is unusually rugged and durable. The cylinder containing the lifting piston lies in a horizontal position between the frames, and the motion of the piston is transmitted to a cantilever beam, on which the car is raised. This eliminates twisting and angle strains on the cylinder and piston. The oil reservoir is also mounted between the frames and motion is obtained by means of the plunger pump which is operated by the jack handle. This pump injects oil from the reservoir into the lifting cylinder, forcing the piston out and transmitting its motion to the cantilever beam. The lowering operation is accomplished by means of a valve controlled by a foot lever and when this valve is operated it permits the oil to run from the cylinder back into the reservoir, the lowering thus being accomplished quickly and without effort—no operation of the jack handle being necessary for lowering.

Steel Tired

NO.	lb Cap.	Max. Lift	Min. Ht.	lb Each	EACH
555	5000	18¾ in.	5¼ in.		$60.00

Rubber Tired

NO.	lb Cap.	Max. Lift	Min. Ht.	lb Each	EACH
*556	5000	18¾ in.	5¼ in.		$75.00

* Not carried in stock; ordered special from factory.

Manley—Hydraulic

NO	EACH
566	$50.00

Manning-Bowman Electrical Appliances

Nationally Advertised. Fully Guaranteed
Endorsed by Good Housekeeping Institute

G366+1 New Electric Table Cooker the appliance for everybody [illegible] the most versatile ever built. With it many toasted sandwiches can be made right at the table or it can be used for many of the major cooking operations such as grilled steak, making bacon and eggs, pancakes, etc. The grids are removable for washing after the cooker has been used. Equipped with a drain to take off any excess grease. Price, in Nickel.. ..... **$26.30**
In Aranium the plate that does not tarnish **32.10**

G366+2 New Tobacco Lighter. Lights a pipe no matter whether full of tobacco or nearly empty. No waiting for the coils to get hot enough. Press the button —instant action. Finish, statuary bronze.... ..... **$7.50**

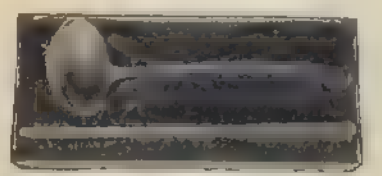
G366—5 Homelectric Toaster. Has 600-watt element which will toast bread quickly. Gives a very even toast. Highly nickel plated. ... **$5.10**

G366+3 New Round Electric Table Cooker Makes delicious toasted sandwiches, pancakes and a hundred and one other things right at the table. The grids are removable for washing after the cooker has been used. Quick and efficient. Nickel Plated **$17.50**

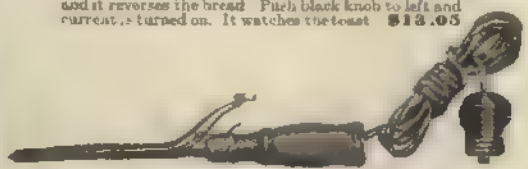
G366+4 Waffle Iron has been perhaps the most discussed electric appliance put out in recent years. [illegible] easily different in shape and yet every [illegible] easy to operate [illegible] and the closing of [illegible] deservedly popular. The [illegible] without being overdone. Both the drop handle [illegible] and the side handles are of genuine Catalin [illegible] Jade Agate or Onyx. In Nickel. Price **$21.00**
In Aranium, the plate that does not tarnish **20.20**

Manning-Bowman & Company Toast Watch Toaster Tip & Turn Design
G366—6 Nickel Plated This is the toaster which you have been looking for. It toasts two slices of bread at one time. Equipped with automatic shut-off which turns off the current before the toast can burn. When one side of the bread is toasted turn the door down and it reverses the bread. Push black knob to left and current is turned on. It watches the toast **$13.05**

G366—7 Homelectric Waffle Iron. 7¼-inch Aluminum grids or mold same as high priced iron. Insulated Tray attached. Beautifully nickel plated. [illegible] **$13.50**



G366+8 Batter Ladle and Waffle Lifter The ladle holds enough batter for one waffle. The lifter is flexible and spreads under the waffle in order that it may be lifted out easily. The handles are genuine Catalin in either Jade or Onyx. **$11.00**



G366+9 Homelectric Curling Irons made in rose and blue colored handles. Cord to match. This is a very high class iron at a low price. . **$2.20**

G366+10 Batter Bowl. The batter bowl is of the correct shape and is easy to keep clean because it is Aranium plated. The bowl is 6½ in. in diameter. Price .... [illegible] **$11.70**

Manning-Bowman Automatic Iron
G366+12 WHEN YOU ARE CALLED AWAY IT STAYS ON THE JOB [illegible] and [illegible] heat control that is dependable. [illegible] When iron heats up to [illegible] ironing temperature it "snaps" and automatically the electric current has shut off. While the iron remains hot enough [illegible] are not using electricity. As soon as the temperature [illegible] too cool [illegible] again [illegible] up [illegible] and [illegible] finished in sparkling [illegible] the [illegible] corner feature allowing you to [illegible] the creases and plates without wrinkling [illegible] 6 Pound Iron [illegible] **$11.50**

G366+11 Electric Iron. Weight 6-lb. Equipped with a separate stand. Does not tire the arm because it is evenly balanced. . **$5.35**

G366—13 Homelectric Heating Pad [illegible] danger of pad becoming [illegible] switch so any degree of heat can be had. Orchid color with extra white cover to keep pad clean.... **$8.75**

THE ABOVE PRICES ARE SUBJECT TO THE REGULAR DISCOUNT.

IF ANY ARTICLE PROVES UNSATISFACTORY, RETURN AT ONCE. WE WILL EXCHANGE OR REFUND MONEY.

"THE HOUSE OF QUALITY, SERVICE AND SATISFACTION"

Manning-Bowman & Co. Electric Percolator Sets and Percolators in Nickel Plate

Endorsed by Good Housekeeping Institute

A protective device that never fails!

New Fuselink Cutout

1. If the percolator boils dry, the current is automatically "turned off" without arcing. The new device insures the percolator from melting
2. Its simplicity allows replacement of fuse without tools—no waiting for repairs.
3. Fuse will NOT "shut off" while percolator contains water. Works as soon as dry.
4. An extra fuse attached to the percolator makes it always available for replacement when needed
5. The only percolator that can be repaired and a new element replaced with a screwdriver

G365+1 Electric Urn Percolator Set. Four pieces, 7-cup percolator 7-ounce sugar and creamer 14-inch round tray. Performs as satisfactorily as the highest priced percolator. Richly nickel plated. Set Complete. **$27.00**

G365+2 Homelectric brand Urn. Be ... cup capac ... Di ... he ... nal, mo ... beautifully plated in nickel. Price **$20.45**

WESTCHESTER PATTERN SET

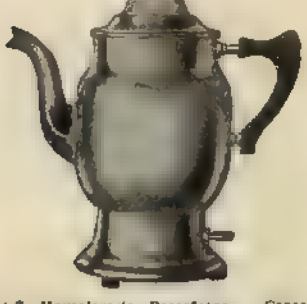
G365+3 Electric Percolator Set. Four pieces complete. Consists of 9 cup Urn, service gold lined sugar and creamer and 14-inch round tray. Nickel plated **$33.60**

BRAEBURN PATTERN

G365+4 Electric Coffee Service. ...ast ... Unit ... Colonial in motif. This part ... lar ... is beautifully adapted ... harmonize with nice surroundings. The sugar and cream are extra large and the tray is of the oblong type so popular for use as a "waiter" as well. 20 inches long **$54.75**

NORHAM PATTERN

G365+5 9-cup Electric Coffee Service. For sheer beauty of ... design this service is without parallel. The large oblong tray, whose handles as well as those of the percolator are ... mmed in genuine Catalin, is indeed an added feature in this set. The service may be had in either Jade, Agate or Onyx, and in Nickel Plate with a gold lined sugar and cream. Coste ... **$65.70**



G365+6 Homelectric Percolator. Capacity 2 cups. Just the size for most families. Richly nickel plated on copper. Non-heating ebonized wood handle. Has fuse link protector which prevents damage to percolator if the current is turned on when pot is empty. **$12.40**

G365+7 Percolator. Loving cup design, copper on nickel finish, size 7-cup. Mahogany finish handles. Each **$17.60**
Same as above in 9-cup size **19.00**

G365+8 Colonial Design Electric Percolator. Nickel plated. 3 pints or 7 cups. Has non-heating ebonized handles **$13.15**

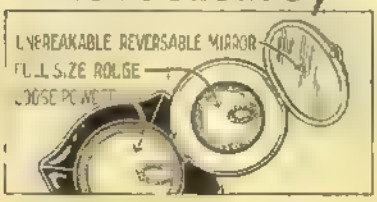
THE ABOVE PRICES ARE SUBJECT TO THE REGULAR DISCOUNT.

IF ANY ARTICLE PROVES UNSATISFACTORY, RETURN AT ONCE. WE WILL EXCHANGE OR REFUND MONEY.

"THE HOUSE OF QUALITY, SERVICE AND SATISFACTION"

MARATHON CO.

COMPACTS
GUARANTEED
New Feature!



M484 $9.00
Enameled front and back; contains loose powder, rouge and reversible mirror

M485 $12.50
Same as above with lipstick to match

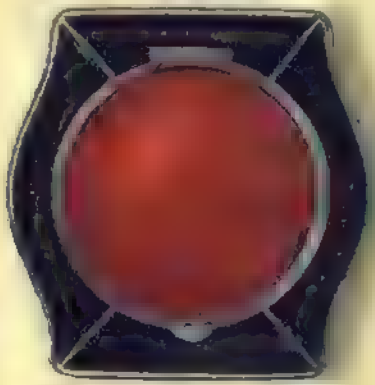
M488 $13.50
Genuine cloisonne enamel front and back on sterling top, contains loose powder, rouge and reversible unbreakable mirror

M487 $18.50
Same as above with lipstick to match

M489 $14.00
Genuine cloisonne enamel front and back on sterling top, contains loose powder, rouge and reversible unbreakable mirror

M488 $20.00
Same as above with lipstick to match

M492 $22.50
Genuine cloisonné enamel front and back on sterling top, complete with lipstick to match, contains loose powder, rouge and reversible unbreakable mirror



M490 $11.00
Enameled front and back, contains loose powder, rouge and reversible, unbreakable mirror

M491 $15.00
Same as above with lipstick to match

M493 $12.50
Modernistic enamel design front and back, complete with lipstick to match, contains loose powder, rouge and reversible, unbreakable mirror

M494 $11.00
Enameled front and back, contains loose powder, rouge and reversible, unbreakable mirror

M495 $15.00
Same as above with lipstick to match

M496 $15.00
Enameled front and back, complete with lipstick to match, contains loose powder, rouge and reversible, unbreakable mirror

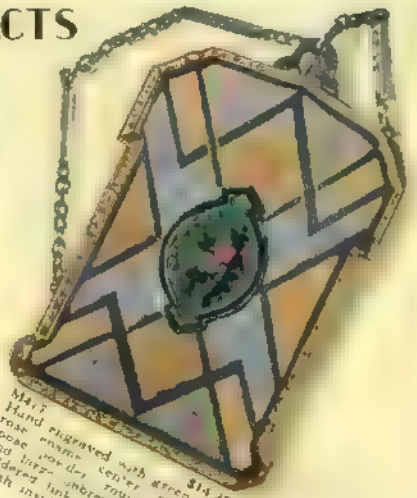
SEE ADDITIONAL MARATHON COMPACTS ON REVERSE SIDE

MARATHON CO.

QUALITY COMPACTS

M475 $11.25
Modernistic enamel design with red enamel back to match contains rose powder, rouge, lipstick and large unbreakable mirror, enameled soldered link chain, 18K gold finish inside.

M476 $11.25
Blue enamel front and back, amber and rose enamel center, contains loose powder, rouge, lipstick and large unbreakable mirror, enameled soldered link chain, 18K finish inside.



M477 $14.25
Hand engraved with green and rose enamel center, contains loose powder, rouge, lipstick and large unbreakable mirror, soldered link chain, 18K gold finish inside.

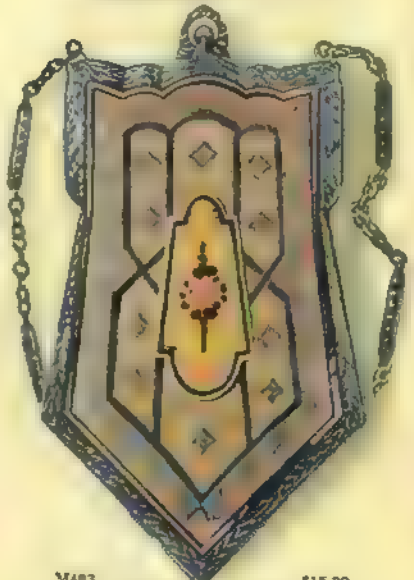
M478 $13.50
Hand engraved with green and rose enamel center, contains loose powder, rouge, lipstick and large unbreakable mirror, soldered link chain, 18K gold finish inside.

M479 $11.25
Japanese enamel design with red enamel back to match, contains loose powder, rouge, lipstick and large unbreakable mirror, enameled soldered link chain, 8K gold finish inside.

M480 $10.50
Modernistic enamel design with red enamel back to match, contains loose powder, rouge, lipstick and large unbreakable mirror, enameled soldered link chain, 8K gold finish inside.

M481 $11.25
Modernistic enamel design with red enamel back to match, contains loose powder, rouge, lipstick and large unbreakable mirror, enameled soldered link chain, 8K gold finish inside.

M482 $11.25
Modernistic enamel design with black enamel back to match, contains loose powder, rouge, lipstick and large unbreakable mirror, enameled soldered link chain, 18K gold finish inside.



M483 $15.00
Hand engraved with amber and green enamel center, contains loose powder, rouge, lipstick and large unbreakable mirror, soldered link chain, 18K gold finish inside.

SEE ADDITIONAL MARATHON COMPACTS ON REVERSE SIDE

MARATHON CO.

MOST PERFECT LIGHTER MADE - ALWAYS LIGHTS WITH ONE STROKE — GUARANTEED A LIFETIME

M500 $9.00
Perfected Sportlite; red and black enamel both sides.

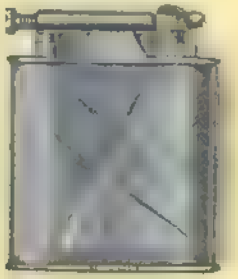
M501 $6.50
Perfected Sportlite; hand engine-turned both sides.

M502 $6.00
Perfected Sportlite; ostrich leather covered.

M503 $8.00
Perfected Sportlite, black and gray enamel both sides

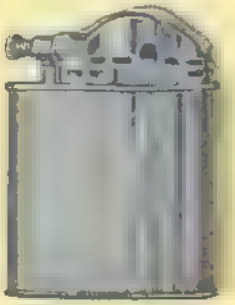
M504 $6.50
Perfected Sportlite, snakeskin leather covered.

M505 $8.00
Perfected Sportlite, black and green enamel both sides.



M506 $7.50
Perfected Sportlite, hand engine-turned both sides.

M507 $9.00
Ladies Perfected Sportlite, ivory and rose enamel both sides.



M508 $6.00
Perfected Windlite; hand engine-turned both sides

M509 $8.00
Perfected Windlite; black shark leather covered.

M510 $10.00
Perfected Windlite; red and black enamel both sides.

M511 $7.50
Perfected Windlite; alligator leather covered

WINDLITE

LIGHTS IN THE WIND — THIN MODEL

Exceptionally Smart and Popular

M512 $10.00
Perfected Windlite; black and ivory enamel both sides.

Fuel Lasts About 3 Months

BRIDGE-TABLE LITER

M514 Red, black and gray enamel $9.00

M515 Alligator leather covered $8.00

SPORTLITE

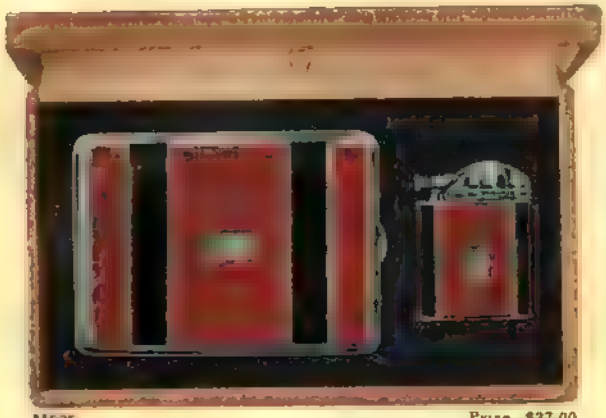
THE PERFECT LIGHTER

M513 $8.00
Perfected Sportlite; black and red enamel both sides.

ILLUSTRATIONS SLIGHTLY REDUCED

MARATHON CO.

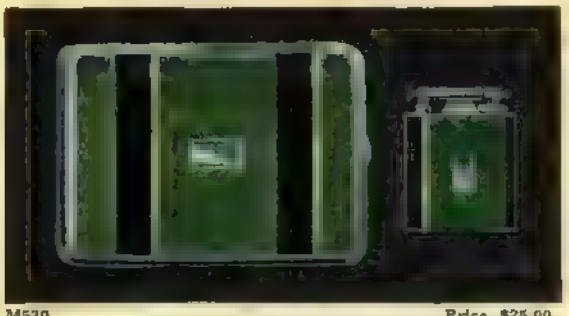
SMOKING SETS



M525 Price, $27.00
Cigarette case with bezel, maroon and black enamel both sides 18K gold finish inside Perfected Windlite Litre to match In handsome gift case as illustrated

M529 Price, $20.00
Cigarette case, black and blue enamel both sides; 18K gold finish inside Perfected Sportlite Litre to match In handsome gift case as illustrated.

M526 Price, $17.50
Cigarette case, snake skin leather covered both sides, 18K gold finish inside Perfected Sportlite Litre to match In handsome gift case as illustrated above
M533 Alligator leather covered, same as above Price, $17.50
M534 Ostrich leather covered, same as above. Price, $17.50

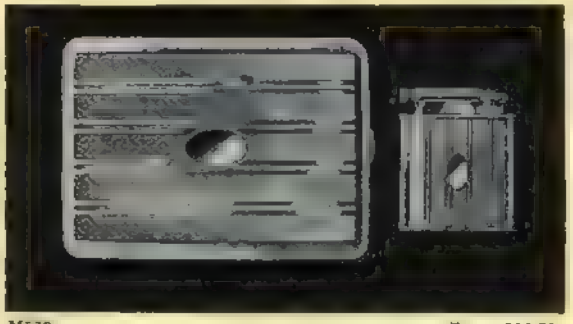


M530 Price, $25.00
Cigarette case with bezel, green and black enamel both sides; 18K gold finish inside. Perfected Sportlite Litre to match In handsome gift case as illustrated above

M527 Price, $27.00
Cigarette case with bezel ivory and black enamel both sides 18K gold finish inside Perfected Windlite Litre to match In handsome gift case as illustrated above

M531 Price $20.00
Cigarette case red and black enamel both sides 18K gold finish inside Perfected Sportlite Litre to match In handsome gift case illustrated above

M528 Price, $24.00
Ladies cigarette case pastel green and black enamel both sides hand painted flowers, 18K gold finish inside Perfected Sportlite Litre to match. In handsome gift case as illustrated above.



M532 Price, $16.50
Cigarette case hand engine-turned; 18K gold finish inside Perfected Sportlite Litre to match. In handsome gift case illustrated above

QUALITY GUARANTEED

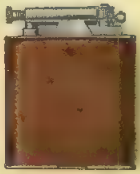
SEE MARATHON SPORTLITE AND WINDLITE ON REVERSE SIDE.

MARATHON CO.

MOST PERFECT LIGHTER MADE — ALWAYS LIGHTS WITH ONE STROKE — GUARANTEED A LIFETIME

M500 $9.00
Perfected Sportlite; red and black enamel both sides.

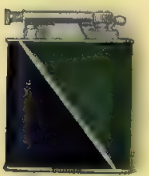
M501 $6.50
Perfected Sportlite; hand engine-turned both sides.



M502 $6.00
Perfected Sportlite; ostrich leather covered

M503 $8.00
Perfected Sportlite; black and gray enamel both sides.

M504 $6.50
Perfected Sportlite, snakeskin leather covered



M505 $8.00
Perfected Sportlite; black and green enamel both sides

M506 $7.50
Perfected Sportlite, hand engine-turned both sides.

M507 $9.00
Ladies Perfected Sportlite ivory and rose enamel both sides

M508 $8.00
Perfected Windlite, hand engine-turned both sides.

M509 $8.00
Perfected Windlite; black shark leather covered.

M510 $10.00
Perfected Windlite; red and black enamel both sides.

M511 $7.50
Perfected Windlite, alligator leather covered.

WINDLITE

LIGHTS IN THE WIND —THIN MODEL

M512 $10.00
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Exceptionally Smart and Popular

BRIDGE-TABLE LITER

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M515 Alligator leather covered. $8.00

Fuel Lasts About 3 Months

SPORTLITE

THE PERFECT LIGHTER

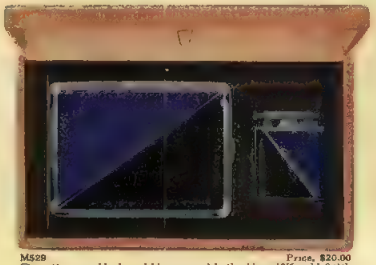
M513 $8.00
Perfected Sportlite; black and red enamel both sides.

ILLUSTRATIONS SLIGHTLY REDUCED

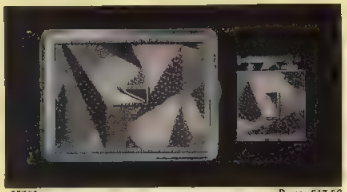
MARATHON CO.

SMOKING SETS

M525 — Price, $27.00
Cigarette case with bezel, maroon and black enamel both sides; 18K gold finish inside. Perfected Windlite Litre to match. In handsome gift case as illustrated.



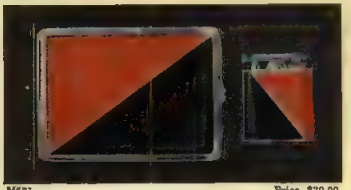
M528 — Price, $20.00
Cigarette case, black and blue enamel both sides; 18K gold finish inside. Perfected Sportlite Litre to match. In handsome gift case as illustrated



M526 — Price, $17.50
Cigarette case, snake skin leather covered both sides, 18K gold finish inside. Perfected Sportlite Litre to match. In handsome gift case as illustrated above.
M533 Alligator leather covered, same as above. Price, $17.50
M534 Ostrich leather covered, same as above. Price, $17.50

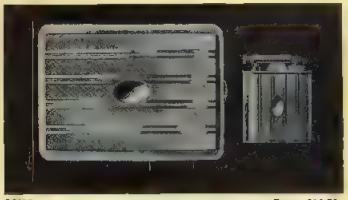
M530 — Price, $25.00
Cigarette case with bezel, green and black enamel both sides, 18K gold finish inside. Perfected Sportlite Litre to match. In handsome gift case as illustrated above

M527 — Price, $27.00
Cigarette case with bezel; ivory and black enamel both sides; 18K gold finish inside. Perfected Windlite Litre to match. In handsome gift case as illustrated above.



M531 — Price, $20.00
Cigarette case, red and black enamel both sides; 18K gold finish inside. Perfected Sportlite Litre to match. In handsome gift case illustrated above

M528 — Price, $24.00
Ladies' cigarette case, pastel green and black enamel both sides; hand painted flowers; 18K gold finish inside. Perfected Sportlite Litre to match. In handsome gift case as illustrated above.



M532 — Price, $16.50
Cigarette case, hand engine-turned; 18K gold finish inside. Perfected Sportlite Litre to match. In handsome gift case illustrated above

QUALITY GUARANTEED

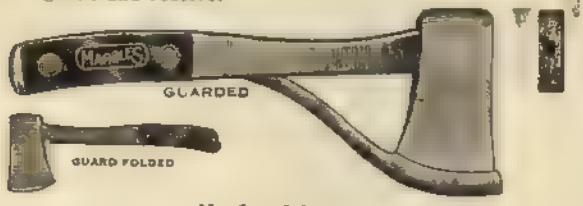
SEE MARATHON SPORTLITE AND WINDLITE ON REVERSE SIDE.

MARBLE'S SPECIALTIES

MARBLE'S SAFETY AXES

Are large enough to fell a tree and small enough to carry in a pocket. A perfect axe for "blazing," clearing a trail, setting a tent, and as necessary in the woods as a gun or knife. The standard axe for Boy Scouts. A necessity for the auto tourist and safety carried anywhere in the car.

The nickel-plated, spring-hinged guard is lined with lead and folds into the handle. The blade is made of tool steel, carefully tempered and sharpened. The metal handles are drop forged and never break. The side plates are of rubber. The wooden handles are of selected hickory with nickel-plated guard and receiver



No. 2 and 3

No. 2. Weight 20 ounces. Length 11 inches. Solid steel blade, 2⅜x4 inches.....$3 25
No. 3. Weight 26 ounces. Length 11½ inches. Solid steel blade, 2½x4⅜ inches..... 3 50

Nos. 5 and 6

No. 5. Weight 16 ounces. Length 10½ inches. Solid steel blade, 2⅜x4⅜ inches.....$2 00
No. 6. Weight 20 ounces. Length 11½ inches. Solid steel blade, 2⅜x4⅜ inches..... 2 25

MARBLE'S BELT AXE

Very popular with Boy Scouts and campers, as well as sportsmen. The tempered head will not become battered.

No. 9 Belt Axe. Weight 20 ounces. Solid steel blade, 2⅜x4½ inches. Handle, 14 inches.....$1 50
Sheath No. 29..... 75

MARBLE'S CAMP AXE

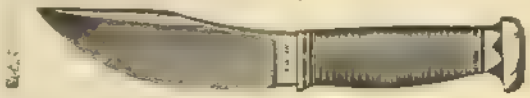
The tempered head with nail claw will not become battered. The eye is drilled and the selected hickory handle —thoroughly seasoned—fits perfectly

This is just the axe for canoe trips when one night stands may necessitate daily driving of tent stakes and nails.

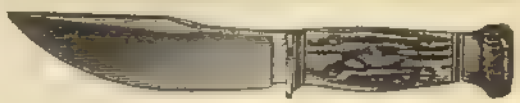
No. 10 Camp Axe. Average weight 30 ounces.....$2 50
Handles 16, 20 and 24 ins. Solid steel blade, 3¼x5½ ins
(Packed two in paper box.)
Sheath, No. 30..... $0 75
Extra Handles..... 40

MARBLE'S WOODCRAFT KNIVES

Acknowledged to be the best seller of all outing knives. Finest steel blade—tapering to point for sticking—just the right curve for skinning—thin enough for slicing and whittling—checkered for thumb or finger grip—back is bevelled for breaking small bones—perfectly and uniformly tempered, polished and stoned. Proclaimed by sportsmen to be the best all 'round knife.



No. 49. Leather handle. Furnished with leather sheath



No. 50. Staghorn handle. Furnished with leather sheath.

No. 49. Leather handle, blade 4½ inches, weight with sheath, 7 ounces..... $2 25
No. 50. Staghorn handle, blade 4½ inches, weight with sheath, 7 ounces..... 3 00

MARBLE'S IDEAL KNIFE

The blade is adapted to sticking and skinning; it is bevel ground at back of point for breaking small bones

No. 45. Leather handle. Furnished with Sheath

Knife No. 45 has a heavy tang onto which are driven washers made of sole leather, red and black fiber and brass. Bolster is brass. Tip is aluminum.

No. 46. Staghorn handle. Furnished with Sheath

The handles of No. 46 Knives are composed of two grooved slabs of selected stag horn carefully riveted together and driven on the tang. Brass bolster. Tip is stag horn. Knife is highly polished. Edge is stoned

No. 45. 4¼ inch blade with sheath; wgt. 6 oz. $2 50
5 inch blade, with sheath, wgt. 7 oz. 2 75
6 inch blade, with sheath; wgt. 8 oz. 3 00
No. 46. 4¼ inch blade with sheath; wgt. 6 oz. $2 25
5 inch blade, with sheath; wgt. 7 oz. 2 50
6 inch blade, with sheath, wgt. 8 oz. 2 75

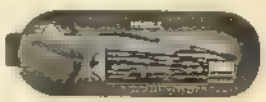
MARBLE'S EXPERT KNIFE

These knives were particularly designed to meet the requirements of the professional hunter, trapper, and guide. Leather handle, same construction as Ideal. Has thin edge, stoned

No. 545. Blade 5 inches, weight with sheath, 7 oz. $2 50

MARBLE'S SAFETY HUNTING KNIVES

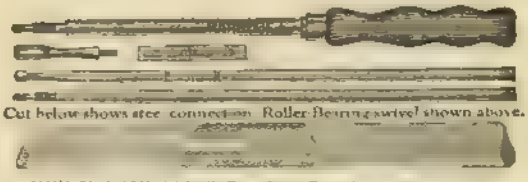
The hilts one on each side of the blade, and the bolster and lining are of nickel-silver. Side plates are of genuine stag horn.



These Knives will appeal especially to that class of woodsmen and sportsmen who object to the sheath knife and yet want a knife that is heavy, strong and rigid

No. 83. Blade 4½ inches, weight with sheath 6 ozs...$3 50
No. 85. Blade 5 inches, weight with sheath 9 ozs..... 4 00

MARBLE'S JOINTED BRASS RIFLE ROD



Cut below shows steel connection Roller-Bearing swivel shown above.

Will Not "Wobble," Bend or Break at the Joint.

When screwed together the rod is to all intents as solid as a one-piece rod.

Furnished with jagged and slotted tips, bag and attachments which make rod fit any size and make of cleaner.

No. 9623. .22 and .25 Cal. Lengths 26, 30 and 36 in...$1 25
No. 9728. .28 Cal. and up. Lengths 26, 30 and 36 in... 1 25

(Avg. wgt. per dozen: 9622, 5 lbs.; 9728, 7 lbs.)
(Packed six in paper box.)

Tips, each $0 10
Middle Section 25
End and Handle Sections, each..... 50
Bags 25

MARBLE'S JOINTED STEEL RIFLE ROD

Cuts below show cross sections of joints and swivel.

The corrosive action of "Ammonia Dope" on brass rods is a source of much annoyance to the user of high velocity rifles. This is overcome by the use of our jointed steel rod. Sections are connected by steel cores snugly fitting recesses prepared for them. These make the rod as strong and substantial as a one-piece rod. Swivel in end section prevents joints from unscrewing when in the barrel.

Furnished complete with jagged and slotted tips, bag and attachements which make rods fit any make of cleaner

No. 9823. .22 and .25 Cal. Lengths 26, 30 and 36 in.. $1 25
No 9828. .28 Cal. and up. Lengths 26, 30 and 36 in... 1 25

For Extras, see "Marble's Jointed Brass Rod"

MARBLE'S SHOTGUN ROD

Light Metal

Made of solid light metal—⅜-inch diameter—three sections. Light as wood and stronger. Joints heavily threaded. Knob holds rag for cleaning and oiling 10 to 20 gauge guns. Knob is threaded to take all standard makes of cleaners. Wooden handle that fits the hand. In a cloth bag.

No. 400. 10 to 20 gauge, standard length.....$1 00
(Packed six in paper box. Weight, per dozen, 7 pounds.)

MARBLE'S ONE-PIECE RIFLE RODS

Made from solid brass or solid steel rod with wood handle. The swivel is a steel roller-bearing—at the end of rod. This accurately fitted bearing withstands hard pulls and thrusts. The wood handle projects beyond ferrule and prevents marring of muzzle. Furnished with jagged and slotted tips and attachments which make rod fit any size or make of cleaner

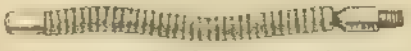
BRASS ROD

No. 622—.22 and .25 Cal. .204 dia. Lengths 26, 30 and 36 in..... $1 00
No. 628—.28 Cal. and up. .25 dia. Lengths 26, 30 and 36 in. 1 00

STEEL ROD

No. 632—.22 and .25 Cal. .204 dia. Lengths 26, 30 and 36 in..... $1 00
No. 638—.28 Cal. and up. .25 dia. Lengths 26, 30 and 36 in. 1 00

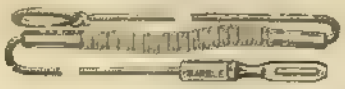
MARBLE'S RIFLE CLEANER



The sections are made of a number of discs cut from softest brass gauze and separated by small fibre discs.

Rifle Cleaner. State caliber.....$0 50

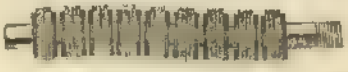
MARBLE'S FIELD CLEANER



The cleaner is the same as Marble's Rifle Cleaner. The loop can be put over some projection, the weight dropped through the barrel and held in one hand, while with the other the gun is moved back and forth.

Field Cleaner. State caliber $0 75

MARBLE'S SHOTGUN CLEANER



Made to fit all standard rods. Sections are made of discs cut from softest brass gauze and separated by fibre discs.

Shotgun Cleaner. State gauge.....$0 75

MARBLE'S SHOTGUN PULL-THRU

See Marble's Shotgun Cleaner for description of brushes.

No. 310. 10 Gauge. $1 00
No. 312. 12 Gauge.. ..... 1 00
No. 316. 16 Gauge.. ..... 1 00
No. 320. 20 Gauge. 1 00
No. 328. 28 Gauge.... ..... 1 00

MARBLE'S ANTI-RUST ROPES

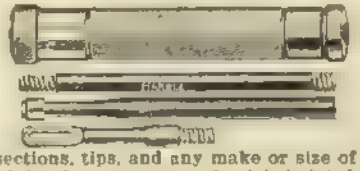
For Shotguns, Rifles and Revolvers

When saturated with oil these "ropes" exclude all air and moisture and make it impossible for the barrels to rust or become pitted. They are longer than the barrel and larger than the bore

For Shotguns and Rifles. $0 60
For Revolvers 30

When ordering, state Gauge or Caliber.

MARBLE'S REVOLVER ROD



The brass sections, tips, and any make or size of cleaner can be carried in the screw-capped, nickel-plated, hollow brass handle. It is ⅝ by 5 inches in size.

This makes a very complete, compact outfit which may be conveniently carried in the pocket.

The sections are made of brass. Will clean barrel up to 10 inches

No. 99. State caliber.....$1 00

MARBLE'S ONE-PIECE REVOLVER ROD

Brass rod, large and strong; large handle. The swivel is a steel roller-bearing in end of rod as shown in cut. Furnished with Jagged Tip.

No. 722—.22 and .25 cal.. .204 dia. 7 and 11 in. $0 50
No. 732—.32 cal. and up. .25 dia. 5 and 9 in... 50

GAME GETTER GUNS

MARBLE'S

Two Guns in One—One Gun for All Game

A more accurate .22 cannot be found. The shot cartridges for small furred and feathered game almost equal 28 gauge. The .44 ball is very accurate and powerful at medium range. Smokeless powder may be used with perfect safety and slight recoil.

1. Upper barrel .22 caliber, rifled; chambered for Short, Long and Long Rifle cartridges. Lower barrel, smooth for .44 caliber and .410 gauge (12 m/m) 2 inch brass or paper shot shells, also .44 and .410 ball cartridges (not conical bullet).

2. Upper barrel .22 caliber. Lower barrel for .410 gauge 2½ inch (only) paper shot or ball cartridges.

Important Features: Single trigger—striker is adjustable to either barrel instantly; hammer—rebounds to safety notch after firing; receiver lock—trigger guard is pulled back to open breech; ejector—partially ejects from both barrels at same time; folding stock—is held rigidly in position by sliding lock; sights—rear sight has stationary Buckhorn with large U notch, also Leaf with small U notch, and folding peep with 3/32 inch aperture; front sight has 1/16 inch gold bead.

Specifications: Frame, drop forged; finish, blued; stock, formed from sheet steel, nickeled; grip plates, walnut; holster, finest strap leather. Get Marble's Game Getter Gun catalog for complete information and record of results with cuts of actual targets.

No. M21—18 in. Barrel. Wt. 3 lbs. 5 ozs. Holster furnished. .....Each **$26 00**

AIR RIFLES

DAISY

NO. 40. MILITARY REPEATER. TAKE DOWN

No. 40. This rifle is a handsome 50-shot repeater, lever action. Designed after military rifles; has a regular army adjustable sling for carrying and is equipped with detachable, rubber-tipped bayonet. Metal parts are finished in gun blue. Beautiful walnut finished stock. The rear sights are open and adjustable; the front sight is of the knife type. Length, 45 ins., including bayonet. Wt., 3¾ lbs..Each **$5 00**

One in a box, 6 in a case.

AIR RIFLES

DAISY

NO. 25. PUMP ACTION REPEATER TAKE DOWN

No 25. Take-down Model. Loads easily by pulling slide toward the stock. Magazine holds 50 air rifle shot, has forced feed, permitting rapid firing from the shoulder. Thirty shots per minute, at the will of the operator. A strong and accurate shooter for men and boys. Metal parts, gun blue. American walnut stock with pistol grip, hand polished. Rear sight has screw adjustment. Length, 38 inches. Wt. 3¼ lbs. .....Each **$5 00**

One in a box, 6 in a case.

NO. 3. 1000 SHOT. REPEATER.

No. 3. Magazine repeater, lever action; magazine holds 1000 air rifle shot and loads by operating the lever; turned stock walnut finished, highly polished; metal parts beautifully nickeled; shoots with great force and accuracy; this rifle will please all boys. Length, 36 inches. Wt., 2 lbs. 9 ozs .....Each **$3 00**

Six in a case.

NO. 30. 500 SHOT. REPEATER

No. 30. Automatic repeater, with lever action; same construction as No. 3, but the barrel is three inches shorter and the magazine holds 500 air rifle shot; blued finish; for boys wanting a high grade repeater that is somewhat shorter than the No. 3; length, 33 inches. Wt., 2 lbs. 7 ozs...Each **$2 50**

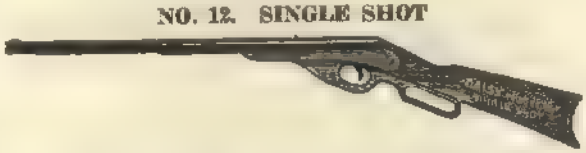
Six in a case

NO. 11. 350 SHOT. REPEATER

No. 11. Automatic repeater, with lever action; magazine holds 350 shot; a very sturdy air rifle that will appeal to boys; single-piece steel barrel, beautifully nickeled; walnut finished stock. Length, 31½ ins. Wt., 1 lb. 12 ozs. Each **$2 00**

One dozen in a case.

NO. 12. SINGLE SHOT



No. 12. Lever action; single shot; blued finish; walnut finished stock; shooting barrel removable and shoots either air rifle shot or 17-100 darts. Length, 31½ inches. Wt., 1 lb. 12 ozs. .....Each **$1 50**

One dozen in a case.

SINGLE SHOT RIFLES

REMINGTON

NO. 4. TAKE DOWN

.22 Caliber

No. 4. 22½ inch round steel barrel, tapered, carefully bored and rifled; walnut stock and fore-arm; forged case-hardened frame; parts of mechanism forged steel; steel butt plate; automatic shell ejector, which throws shell from chamber when breech is opened. Wt. each, 4¼ lbs. .....Each $9 95

IVER JOHNSON

MODEL X. TAKE DOWN. BOLT ACTION.

.22 Caliber

Model X. 22 inch round tapered steel barrel; thumb screw takedown; turned stock, walnut finish, with full pistol grip; drop at comb 1⅝ inches; at heel 2⅝ inches; handles .22 short, .22 long and .22 long rifle cartridges. Wt. each about 4 lbs. .....Each $7 00

SAVAGE

MODEL 04. TAKE DOWN

.22 Caliber

Model 04. 18 inch round barrel; bolt action; chambered for .22 long rifle R. F. cartridges, although .22 short or .22 long R. F. cartridges may be used; varnished American walnut stock; steel shot gun butt plate; bead front sight, and adjustable flat top rear sight. Wt. each, 3 lbs .....Each $8 00

STEVENS

NO. 14½. LITTLE SCOUT. TAKE DOWN

.22 Caliber

No. 14½. Little Scout. 18 inch round barrel; chambered for .22 short, .22 long and .22 long rifle cartridges; case-hardened frame; full oval shaped stock, with blued steel butt plate; nickel silver knife-edge front sight and open rear sight. Wt. ea. 2¾ lbs. .....Each $5 25

SINGLE SHOT RIFLES

STEVENS

NO. 26. CRACK SHOT

.22 Caliber

No. 26. Crack Shot. 18 inch round barrel; blued frame; lever action; oval walnut stock; carbine butt plate; knife-blade front and open rear sights. Adapted for C. B. Caps, .22 short, .22 long, or .22 L. R. cartridges. Specially designed for smokeless powder ammunition. Wt. each, 3¼ lbs. .....Each $6 25

NO. 12. MARKSMAN

.22 Caliber

No. 12. Marksman. 20 inch round tip-up barrel; blued frame; chambered for .22 short, .22 long and .22 long rifle cartridges; plain lever; positive extractor; full oval stock; shot gun butt with rubber butt plate; bead front and open rear sights. Designed especially for smokeless powder ammunition. Wt. ea. 4 lbs. .....Each $8 25

NO. 27. FAVORITE. TAKE DOWN

Calibers: .22 and .25

No. 27. Favorite. 24 inch octagon barrel; the .22 caliber will handle the .22 long rifle, .22 long and .22 short rim fire cartridges; the .25 caliber handles the .25 Stevens rim fire cartridges; lever action; automatic ejector in .22 caliber only; plain extractor in .25 caliber; blued frame; walnut stock; shot gun butt; rubber butt plate; Rocky Mountain front sight and sporting rear sight. Wt. each, 4½ lbs. .....Each $9 95

NO. 17. FAVORITE. TAKE DOWN

.22 Caliber

No. 17. Favorite. 24 inch round barrel; chambered for .22 long rifle, .22 long and .22 short rim fire cartridges; otherwise same as No. 27 Favorite. Wt. ea. 4½ lbs..Each $9 50

Snap Fly Dope

Per Doz.

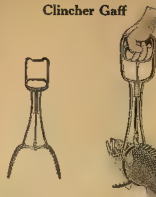
G9874—SNAP. FLY DOPE—A wonderful repellent, clean and economical to use against all insect life which annoy the outdoorsman. Dries quickly on the skin and its pleasing pungent odor remains for half a day. Packed in 2-ounce bottles 7.40

Mosquito Head Net

Per Doz.

G8878—MOSQUITO HEAD NET—Protects the wearer's face from the pain and annoyance of biting and stinging insects. It is light and comfortable. Has a drawstring at the bottom to close the net and an opening in the front for smoking and wire tape reinforcement to keep the front of net from wrinkling, providing good vision and keeping the net from face. Can be worn over any common hat or cap. Made of fine mesh material and provided with a large number of eyelets for ventilation. Needed by every hunter, fisherman, explorer, camper, and many times by laborers where insects are most annoying. 12.00

Clincher Gaff



Each

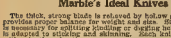
K2012—CLINCHER GAFF. Controlled entirely by one hand. Always ready. Nothing to set. No steel trap to catch you. Spring holds jaws open—just reach out for fish and any fish from 9 to 20 lbs. Made of polished steel and nickel plated. Length, 14 inches. Width between points, 7½ inches. 1.65

Hunting Knives

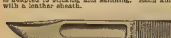
Marble's Ideal Knives

The thick, strong blade is relieved by hollow grinding which provides proper balance for weight and size. Strength of back is necessary for splitting kindling or digging holes. The blade is adapted to sticking and skinning. Each knife is furnished with a leather sheath.

Each
K2002 Leather handle. 4-inch blade 3.32



Each
K2004—Leather handle with bolt. 4-inch blade 4.00

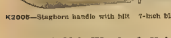


Each
K2003—Stagborn handle. 6-inch blade 4.66

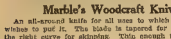
Each
K2005—Stagborn handle with bolt. 7-inch blade 5.32

Marble's Woodcraft Knives

An all-round knife for all uses to which the sportsman wishes to put it. The blade is tapered for sticking. Just the right curve for skinning. Thin enough for slicing and whittling. Checkered for thumb and finger grip.

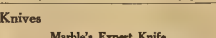


Each
K2007 Leather handle. Furnished with leather sheath. 4½-inch blade 3.00



Each
K2008—Stagborn handle. Furnished with leather sheath. 4½-inch blade 4.00

Marble's Expert Knife

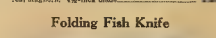


Each
K2006—EXPERT HUNTING KNIFE—The knife is perfectly balanced for weight and size. Has a professional bowie, trapper and guide knife. Its keen blade has been designed particularly for dressing skins and furs. Leather handle. 9-inch blade 3.32

Marble's Safety Hunting Knife

Each
K2009 SAFETY FOLDING HUNTING KNIFE This knife will appeal especially to the woodsman who wants a knife that is strong, rigid and heavy. The sportsman who wants a knife in case as a safety lock knife. The knife is opened, lift and bolsters are of nickel-silver. Side plates are real stagborn. 4¼-inch blade. 5.00

Folding Fish Knife

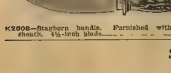


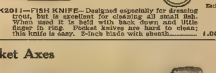
Each
K2010—FOLDING FISH KNIFE—Blade is sharp at back of point for ripping. Back of knife is notched for scaling. Files for skinning and slicing and all camp uses. 4-inch blade 2.00

Fish Knife

Each
K2011—FISH KNIFE—Designed especially for dressing trout, but is excellent for cleaning all small fish. Blade is sharp at back of point for ripping. Has finger in ring. Pocket knives are hard to clean; this knife is easy. 3-inch blade with sheath. 1.00

Safety Pocket Axes

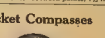




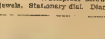
Large enough to fell a tree and small enough to carry in the pocket. The standard axe for Boy Scouts. A necessity for the tourist that is safely carried anywhere in the car. Nickel-plated spring-hinged guard is loaded and fits into handle. Blade is of tested steel. Handles are drop forged steel. Nickel-plated and never breaks. Side plates are of rubber. The wooden handles are of select hickory with nickel-plated guard and receiver.

	Each
Wood Handle	
K2001 Length, 10½ inches. Solid steel blade 5¾x4¾ inches	2.65
Steel Handle	
K2000—Length, 11½ inches. Solid steel blade, 7½x4¾ inches	4.66

Pocket Compasses



Each
K2015—POCKET COMPASS—Waterproof screw case of brass. Agate jewels. Stationary dial. Diameter, 1¼ inches 1.34



Each
K2017—LUMINOUS POCKET COMPASS—Waterproof screw case of brass. Agate jewels. Diameter, 2¼ inches 2.34

Coat Compasses

Never goes wrong. Attaches to outside of coat and is waterproof. Always in sight, balances so readily that direction can be taken while walking. Made of brass. Waterproof screw cases. Agate jewels. Diameter, 1¼ inches.

	Each
K2014—REVOLVING DIAL	2.00
K2015—LUMINOLS REVOLVING DIAL	2.66

Waterproof Match Box

Each
K2018—WATERPROOF MATCH BOX—Quickly opened and closed. Is absolutely water and moisture proof. The rubber gasket is in the cover. Made of seamless drawn brass heavily nickeled. Inside diameter, ¾ inch ..... .80

HUNTING KNIVES

MARBLE'S

IDEAL

The thick, strong blade is relieved by hollow grinding which provides proper balance for weight and size. Strength of back is necessary for splitting kindling or digging holes in hard ground or ice. The hollows aid quick sharpening. Blade is adapted to sticking and skinning. Back of point is beveled for breaking small bones. The Ideal is an every-purpose knife. Knives No. 41 and 45 have a heavy tang onto which are driven washers made of sole leather, red and black fibre and brass. Bolster is brass. Tip is aluminum All parts held rigidly in place by a round brass nut sunk into tip, engaging the threaded tang. Handle is highly polished, forged from finest steel, expertly tempered, polished and honed

No. 41. Leather Handle

4¼ Inch Blade. Wt. ea with sheath 6 ozs.....Each **$2 50**
5 Inch Blade. Wt. ea. with sheath 7 ozs. . ....Each **2 75**
6 Inch Blade. Wt. ea. with sheath 8 ozs. .....Each **3 00**

No. 45. Leather Handle With Hilt

5 Inch Blade. Wt. ea. with sheath 7 ozs. .....Each **$2 75**
6 Inch Blade. Wt. ea. with sheath 8 ozs. ....Each **3 00**
7 Inch Blade. Wt. ea. with sheath 10 ozs. .....Each **3 25**

No. 46. Staghorn Handle With Hilt

The handles of No. 46 knives are composed of two grooved slabs of selected stag horn carefully riveted together and driven on the tang. Brass bolster. Tip is stag horn, otherwise same as No. 45.

5 Inch Blade. Wt. ea. with sheath 7 ozs.. . ..Each **$3 50**
6 Inch Blade. Wt. ea. with sheath 8 ozs. ..Each **3 75**
7 Inch Blade. Wt. ea. with sheath 10 ozs. .....Each **4 00**

All above six in a box

HUNTING KNIVES

MARBLE'S

EXPERT

This knife is particularly designed to meet the requirements of the professional hunter, trapper and guide who requires a thin, keen edge for dressing skins and furs The back of blade is designed for scraping skins while on the forms. Leather handle, aluminum tip.

No. 545. 5 in blade. Wt. ea. with sheath 7 ozs. Each **$2 50**

WOODCRAFT

Acknowledged to be the best seller of all outing knives. Finest steel blade—tapering to point for sticking—just the right curve for skinning—thin enough for slicing and whittling—checkered for thumb or finger grip—back is beveled for breaking small bones—perfectly and uniformly tempered Proclaimed by sportsmen to be the best all 'round knife. Blade, 4½ inches; handle 3⅝ inches

No. 49

No. 50.

No. 49. Leather handle. Wt. ea. with sheath 7 ozs Each **$2 25**
No. 50. Staghorn handle. Wt. ea. with sheath 7 ozs Each **3 00**

All above six in a box.

KNIVES

MARBLE'S

SAFETY HUNTING

Open.

Closed

These knives will appeal especially to that class of woodsmen and sportsmen who object to a sheath knife, and yet want a knife that is heavy, strong and rigid. However, we furnish with each knife a sheath to fit it when folded, so that it can be carried at the belt when desired. They have a long blade with a short handle—utilizing the extension guard as a safety lock when the knife is open. The hilt, bolsters and linings are of German silver; side plates are of staghorn. All parts are hand fitted with the utmost care, so that when knife is open it is as rigid as a one-piece knife.

No. 83. Blade, 4¼ in. Wt. ea. with sheath 5½ ozs. Each **$3 50**
No. 85. Blade 5 in. Wt. ea. with sheath 8 ozs... Each **4 00**

Three in a box.

SPORT KNIFE

For outdoor or indoor use by the camper, canoist, hiker, hunter or fisherman. Has the features of all Marble knives in compact form. Just the knife for those who have occasion to use a small one. It will accomplish much that a larger one will. Particularly adapted to the use of members of Boy and Girl Scout, Camp Fire Girl, and other similar organizations. A beautiful little knife to handle. Leather handle, 3½ inches, is of same construction as Marble's Ideal Knife. Blade forged from high grade cutlery steel, polished and honed.

No. 60. Blade 4 inches. Wt. with sheath, 4 ozs.. Each **$2 60**

Six in a box.

KNIVES

MARBLE'S

FOLDING FISH

Open

Closed

The blade is made sharp at back of point for ripping and the back is an excellent fish scaler. The blade, when folded, is entirely protected by the unique German silver handle. When open it is as safe and rigid as a one-piece knife.

No. 78. Blade, 4 inches. Wt. each, 3½ ozs.... Each **$1 50**

Six in a box.

TROUT

Designed especially for dressing trout. Forged from finest cutlery steel; 5⅝ inches long; handle, ⅛ inch thick. To use, hold with back down and insert little finger in ring. It is sanitary. Fishermen know how difficult it is to clean a pocket knife after dressing fish.

No. 79. With metal bound leather sheath. Wt. each, 3 ozs. ..... Each **$0 75**

One dozen in a box

EXTRA SHEATHS

FOR MARBLE'S KNIVES

Although each Marble's knife is furnished with a leather sheath, we can supply these separately. Made of finest strap leather.

No. 39. Knife sheath. 5 or 6 in. lengths..... Each **$0 60**

POCKET AXES

MARBLE'S SAFETY

The Handiest Tool a Sportsman Ever Carried.

It is large enough to fell a tree and small enough to carry in the pocket. A perfect axe for "Blazing", clearing in trail, setting a tent and is as necessary in the woods as a gun or knife. The nickel plated spring hinged guard is lined with lead and folds into the handle. The blade is made of tool steel, carefully tempered and sharpened. The metal handles are drop forged and will never break. Side plates are of rubber.

Metal Handle.

No. 2. Solid steel blade, 2⅝x4 inches; length, 11 ins. Wt ea.,20 ozs. Each $3 25

No. 3. Solid steel blade, 2½x4⅜ ins.; length 11½ in. Wt.ea.27 ozs. Each $3 50

Metal Handle. With Folding Pick.

The pick can be securely and instantly locked either up or down. It will stand unlimited service and will be found handy when climbing. When folded the axe head can be safely used as a hammer. Fine for pulling staples.

No. 2F. With pick. Otherwise same as No. 2. Wt. each, 24 ozs. Each $4 50

Metal Handle. With Nail Claw.

This nail claw is strong enough to pull a ten-penny nail from a seasoned hemlock plank. One can get at and pull a nail with the axe blade and claw that could not be removed with a hammer alone.

No. 2½. With claw. Otherwise same as No. 2. Wt. each, 20 ozs. Each $3 50

Wood Handle

No. 5. Hickory handle; length 10½ in.; solid steel blade, 2⅜x4¾ inches. Wt. ea. 16 ozs. ..... Each $2 00

No. 6. Hickory handle; length 11½ in.; solid steel blade, 2¾x4¾ in. Wt. ea. 20 ozs. ..... Each $2 25

CAMP AXES

MARBLE'S

For Belt

The blade is made of tool steel, carefully tempered and sharpened; selected hickory wood handle.

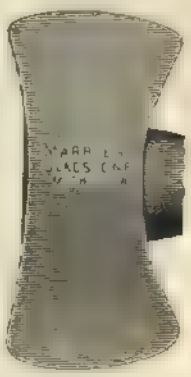
No. 9. Without sheath.... Each $1 50

The blade is forged from solid tool steel. The tempered head, designed for driving stakes, spikes, etc., will not become battered even under continuous service. Thoroughly seasoned selected hickory handle. The nail puller has tempered jaws. Blade, 3⅛x5½ inches. Weight, 29 ozs.; handles, 16 or 20 inches. Mention length of handle desired.

No. 10. Without sheath... Each $2 50

DOUBLE BITTED AXES

MARBLE'S



Guaranteed to be absolutely perfect in quality and temper, and the handle to be strong and true. Blade 6¼x3¾ inches. Weight, 2½ lbs. Handle 28 inches.

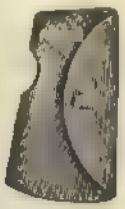
No. 15 ..... Each $3 50

EXTRA HANDLES FOR MARBLE AXES

For No. 9 Axe ..	Each $0 40
For No. 10 Axe, 16 and 20 in.	Each 40
For No. 15 Axe.....	Each 75

SHEATHS

MARBLE'S



For Belt and Camp Axes

Finest strap leather, tan color, strong and well made. Attaches to belt.

No. 29. For No. 9 Camp axe. Wt. doz. 1 lb. ..... Each $0 75

No. 38. For No. 10 Camp axe. Wt. doz. 1 lb. ..... Each $0 75

For Double Bitted Axes.

No. 31. For No. 15 double bitted axe. Wt. doz., 2 lbs..... Each $1 25

WHISTLES

UNIVERSAL

Nickel Plated.

No. 1. Large. Weight dozen, 11 ozs. .....Each $0 25

No. 2. Medium. Weight dozen, 10 ozs. .....Each $0 25

ECHO

No. 620. Nickel plated; very penetrating; can also be used as a quail or widgeon call. Wt. doz., 8 ozs. Each $0 25

POLICE SPECIAL

No. 314. Heavy solid brass, nickel plated. The loudest whistle on the market. Wt. doz., 1¼ lbs. ....Each $0 50

SHELL BELTS

No. 195. 2 inch web with web loops and web shoulder straps; leather stopper; 12, 16 and 20 gauge. Wt. doz. 2 lbs. .....Each $0 90

No. 93½. Heavy russet leather; 2 inches wide; leather shoulder straps; large nickel buckle; 12, 16 and 20 gauge. Wt. doz. 4¾ lbs. .....Each $1 90

CARTRIDGE BELTS

LEATHER

No. 96C. Russet leather; 1½ inches wide; with large nickel buckle; any caliber. Wt. doz. 3 lbs....Each $1 15

No. 097C. Russet leather; 2 inches wide; with large nickel buckle; any caliber. Wt. doz., 4 lbs.....Each $1 40

No. 98C. Russet leather; 2¼ inches wide; large nickel buckle; any caliber. Wt. doz., 5 lbs. .....Each $1 65

SHELL BOXES

No. 122. Heavy russet leather; embossed oval top; metal lined; 4 compartments; holds 200 shells. Wt. each, 4 lbs. .....Each $13 00

KENNEDY

All-Steel.

The Kennedy All-Steel Shell Box has a capacity of 150 shells; is exceptionally strong, yet because of its construction, light of weight; is guaranteed water-tight and in addition to a good lock, this box is equipped with two strong side catches to overcome any possibility of spilling your shells; the finish is the standard Kennedy brown baked enamel that will neither chip nor rub off when wet. It is an ideal shell box—sold at a very reasonable price; but it has other uses as well. It contains a false bottom which when inverted may rest on top ledges as a tray and will serve as a fishing tackle box, as a tool box, as a household kit, or as a strong box for your valuable papers.

No. K014. Size 14x6x6 inches. Wt. ea. 5 lbs. .....Each $3 25

SHELL BAGS

TRAP SHOOTERS'

Leather

No. 19. Made of soft russet bag leather with extra pocket and 1 inch belt with 1 inch roller buckle, sewed to back of bag Wt. doz. 5 lbs..Each $2 75

Canvas.

Made of 14-oz. forest brown duck; leather shoulder strap with adjustable shoulder slide; shoulder strap fastened to gussets with rings; beaded seams; outside patch pocket; canvas bound.

No. 84. Holds 100 shells. Wt. doz., 8 lbs. .....Each $2 15

No. 150. Holds 150 shells. Wt. doz., 9 lbs. .....Each $2 35

No. 200. Holds 200 shells. Wt. doz., 10½ lbs. ....Each $2 50

Nail or *Screw?*

The advantages of both!

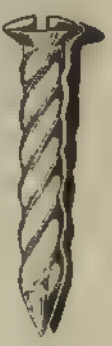
It drives like a nail and turns like a screw

It is driven easily and quickly. Once in, it cannot pull out or work loose. And if necessary to extract, it can be turned out like a screw.

The drive screw reduces assembly costs and brings increased production by giving screw service with nail speed.

We are prepared to make drive screws to your specifications. Furnished slotted or unslotted, in any metal, with any finish.

Mail us your specifications, stating metal, finish, size and quantity. Prices and samples gladly furnished.



Drawing of a Hassall drive screw.

We also make nails, rivets and escutcheon pins in all metals and in all finishes.

JOHN HASSALL, Inc.

Established 1856

Clay and Oakland Streets, Brooklyn, N. Y.

Telephone GREENPOINT 8400

"MARKON" EYES, VOICES TEETH and TONGUES

GLASS EYES

(UNBREAKABLE)

This latest Markon Creation is the most lustrous, brilliant and natural appearing eye ever manufactured.

CELLULOID EYES

Our celluloid eye has been popular with doll manufacturers for many years and we now offer a much improved product.

METAL EYES

Although possessing the brilliancy and attractiveness of our other eyes, our metal eyes are designed especially for the popular type of doll.

ALL EYES FURNISHED WITH OR WITHOUT LASHES

New MIDGET CRYER

And the New "MIDGET" CRYING VOICE

Smaller in size—cheaper in price—yet surprisingly loud

The new "MIDGET" Crying Voice despite its small size, cries for a remarkably long period and can be inserted in very small doll bodies.

Teeth and Tongues

Made separately or in combination of celluloid or metal

MARKON MFG. CO. INC.

233-245 Spring Street New York City

Telephone: Walker 0718-9

OIL MEASURES

BROOKINS

Non-Spill Top.

Sheet steel, copper plated. Flexible metal tube permits filling without use of funnel. Valve on inside is controlled by thumb lever.

Nos.	A-34C	A-35C
Capacity, qts	1	2
Height, ins	6¼	9½
Diam bottom, ins	6	5½
Wt each, lbs	1	1½
Each	$6 30	7 50

Nos	A-36C	A-39C
Capacity, qts	4	5
Height, ins	12	14¼
Diam bottom, ins	6¾	6½
Wt each, lbs	2	2¼
Each	$9 45	10 20

One in heavy paper bag.

CRANK CASE FILLERS

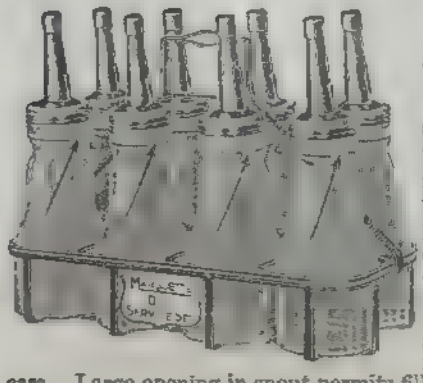
BROOKINS

24 gauge terne plate steel, copper finished. Flexible metal spout; metal strap handle on top for easy handling; cross member in top prevents over flowing when in tilting position. A convenient measure for refilling large car and truck crank cases without the use of funnels. Used by filling and service stations, garages, etc.

Nos.	A-37C	A-38C
Capacity, qts	6	8
Diam, ins	8¼	8½
Height, ins	8½	10
Length spout, ins	19	21
Wt each, lbs	3	3½
Each	$7 50	9 00

Packed loose.

OIL DISPENSERS



MARQUETTE

Aluminum finish, electrically welded cold rolled steel handle. Clear crystal, standard measure 1 quart capacity glass jars with durable copper finish spouts with gaskets to prevent leakage and dust caps of three different colors to distinguish light, medium and heavy oils. Slope of spout enables dispensing for all makes of cars. Large opening in spout permits filling without removing from jar.

Each

No. A-67—Complete as described; wt each 20 lbs..... $14 85

PARTS FOR OIL DISPENSERS

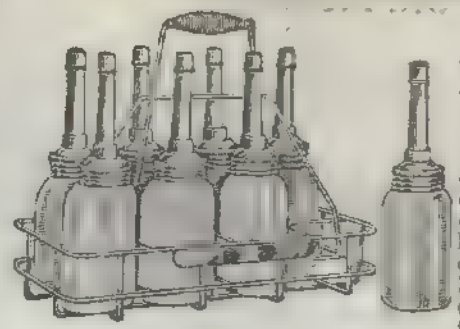
Per Doz

No. A-60—Tops only, including spouts, caps and washers (less jars); wt per doz 12 lbs $9 00

No. A-61—Jars only; wt per doz 12 lbs..... 7 50

Packed loose.

OIL DISPENSERS



CHALLENGE

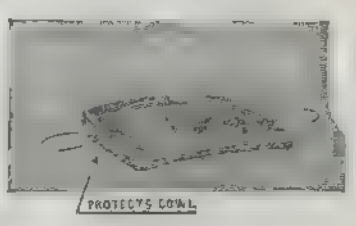
Set consists of black baked enamel, electrically welded, steel tray with coiled wire handle and 8 standard measures, 1 quart capacity, clear, white annealed glass containers each fitted with large opening, fast emptying screw top tin spouts.

Per Set

No. A-68—Wt per set 14 lbs..... $13 20

One set in carton

FILLING DRIP PANS



CHRISTEN

For Use When Filling Gasoline Tank of Model A Ford.

Rust-proof steel pan conforming to cowl shape, fits snugly over and around gas tank filler inlet. Bottom and sides covered with heavy soft felt cloth which prevents scratching the finish. Rubber ring around filler inlet covers and seals inlet completely so that gasoline cannot touch exterior of cowl. Rubber ring of inlet not affected by gasoline. Any gasoline spilled when tank is filled and nozzle removed, drips into pan or gas tank. When not in use can be hung by wire handles on pump.

Each

No. A-50P—Size pan 7x12¼ ins; depth 1½ ins..... $8 25

One in pkg, 24 in carton; wt each 1½ lbs

PORTABLE DRAIN TANKS

BROOKINS

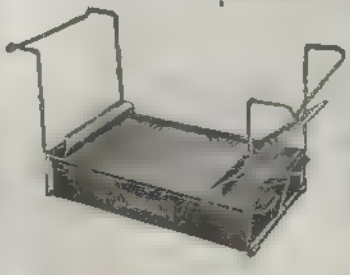
24 gauge terne plate steel, red enameled. Sloping cover catches the oil and conducts it through small opening into tank, fine mesh screen over top prevents oil splashing out. Rounded skids and folding handle makes it easy to place under all cars. Shaped end and handle on either end for emptying.

Each

No. A-37—Capacity 6 gals; length over all 27 ins; width 12 ins; depth 5½ ins..... $10 80

One in carton; wt each 9 lbs.

DRAIN PANS



WEAVER

Green enameled heavy galvanized iron container with sloping cover that drains oil into pan. Heavy steel hooks for hanging on lift or rack and hinged steel plate for use on cars having offset drain plugs. Shaped end for pouring oil into drum.

Adapted for use with Weaver auto lift or service rack, but can be used on practically any lift, rack or pit.

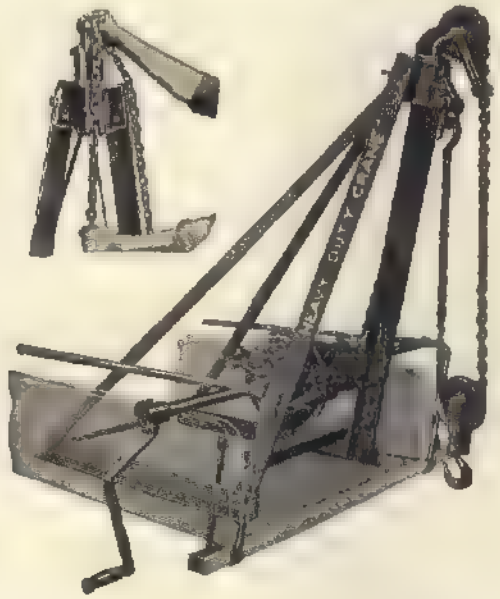
Each

No. A-WE13—Capacity 2½ gals; size 4x12x20¼ ins... $23 55

One in carton; wt each 14 lbs

WRECKING CRANES

MARQUETTE



A full swivel head that permits a pull from any angle. A clevis for attaching guy line. No extra winch needed. Chain can be dropped through the head, permitting a direct pull from the drum. Extra heavy steel construction assures absolute safety. A 3½ ton Crane. 50 feet of BBB chain furnished. Drum capable of holding 250 feet of ⅜ inch cable. Full floating roller bearing winch with all gears enclosed. Two speed drum—high and low. High speed for unspooling chain, low speed for actually lifting or pulling load. 12 teeth in mesh at all times. No breakage of teeth and consequent dropping of load. Boom adjustable to four positions. Easily handled by one man. Chain can be hooked to back frame spacer and tightened by turning crank. Remove bolts and boom can be raised or lowered to any position. Positive lock on drum prohibits load from slipping or dropping when being raised or towed. Easily operated on either side from the ground.

With a leverage ratio of 174 to 1 and the roller bearing construction of the winch, the Marquette Crane is the most powerful built. One man can bring in the toughest job. Easy to install and simple to operate. Ruggedly built for years of constant service. The capacity of the Marquette is limited only by the strength of the chain or cable used. The frame and gearing will support a load far in excess of the average chassis on which it is mounted.

Specifications.

The Crane is equipped with 50 feet of BBB chain.

Length of base ..... 42 in.
Width of base ..... 32 ins.
Vertical height of boom in upright position . . 61½ ins.
Vertical height of boom in lowest position.... 50¼ ins.
Height of winch from base of crane . ... 16 in.
Length of crank shaft ..... 60 in.
Lifting capacity ..... 3½ tons

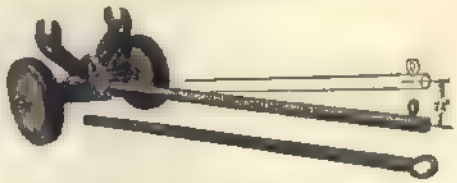
Complete. Shipping wt., 410 lbs..... Each **$97 50**

Winch only, complete with drum, shaft, handle and 50 ft. chain **$65 00**

Winch, as above, except less chain **59 00**

CAR AND TRUCK AMBULANCE

MARQUETTE



For Passenger Cars and Light Trucks.

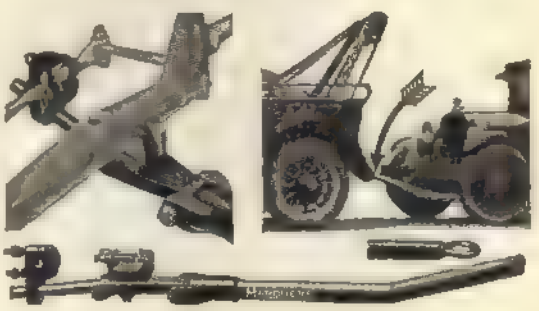
This dolly provides a quick, easy and safe means for towing any disabled passenger car. The saddle is made of electric steel. It accommodates truss rods and any differential housing. The saddle is supported on a heavy bolster plate and operates as a turntable. Carbon steel axle built into cross channels. Timken tapered roller bearings, two to each wheel, in dust-proof grease reservoir. Demountable Disc wheels, of heavy steel, permit the easy removal of rubber tires, without the expense and delay of having tires pressed on or off. Solid cushion rubbr tires. Pole of heavy 2 inch pipe, with 1¼ inch pipe inside providing length adjustment from 7 ft. 1 inch to 12 ft. 10 inches. The pole has two positions giving an angle variation of 12 degrees, so that the load may always be in vertical position, thus eliminating tipping or sliding of the dolly from under the load. The Marquette supports any car properly, provides a quick hookup and withstands the most severe strains.

Specifications.

Tread, from center to center of wheel.. . .. ..28 in
Height from ground to saddle support arms... ....21 in.
Width between saddle support arm centers . ....18½ in.
Depth from top of saddle arms to support pads .....3 in
Wheels, solid cushion rubber—16 in. dia. by 3½ in. face.
Shipping wt. 233 lbs ....Each **$105 00**

TOW POLES

MARQUETTE. ONE MAN

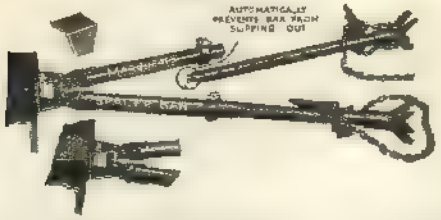


Steers the Car Being Towed.

One man can tow a car or two cars with this new Marquette Tow Pole. It saves the time of an extra man sent out to steer the car being towed. Requires no one to steer the car while towing. It steers one or two towed cars in the same tracks as the pulling car. It provides the most economical way for towing new cars. Hook-up made in a few minutes. Complete instructions for making hook-up furnished with each pole. The Marquette fastens to axle and tie rod of towed car. Full universal. When towing car with self-locking steering gear, remove drag links. Strong construction throughout, with ample safety allowances.

No. 1. .....Each **$20 00**

SPACER BARS
MARQUETTE

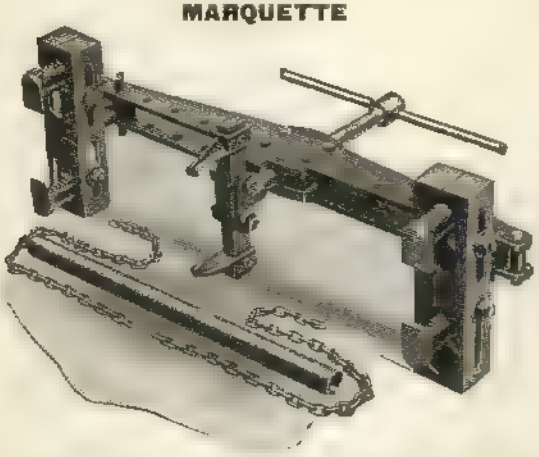


A most useful and efficient spacer bar. No service car is complete without one. While bringing in a wreck, the Marquette Spacer Bar keeps both cars properly spaced and under absolute control at all times. It makes the two cars travel as a unit, prevents their bumping together and stops all destructive jerking and sidesway. It permits wrecked cars to be raised any height from the ground while towing. Improved design makes them unbreakable. Note the new "safety end" preventing extension bar from slipping off and becoming lost. Quick connection is made by inserting pin in vertical position, which forms a common swivel point for both bars. The heavy coupling piece is bolted to the truck. Bars quickly removed for carrying in service car when not in use. Heavy compression spring in each bar absorbs all shocks. Chain grip locks provide quick, tight fastenings to the disabled car. Universal forks permit a wide latitude of fastenings.

Extended length of arms, 50 in.; contracted length of arms, 36 in.; range of adjustment, 14 in.

Spacer Bars. Shipping wt. 52 lbs.. .....Each $22 50

FRAME STRAIGTENERS
MARQUETTE

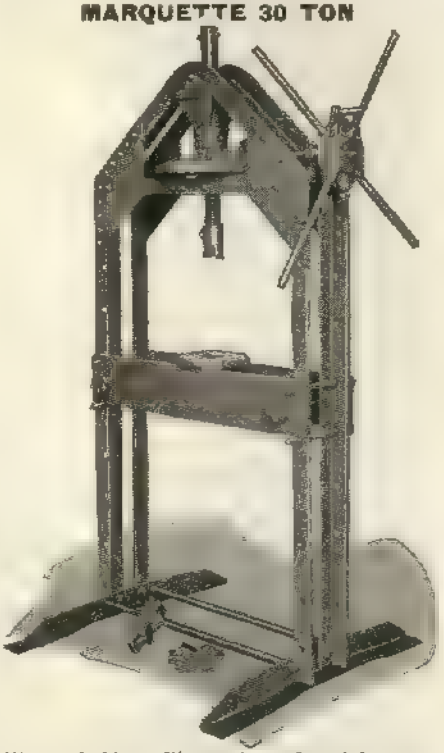


The difficult and often money-losing job of frame straightening is work that any shop can now do with exceptionally large profits—with the new Marquette Frame Straightener. This useful machine gives the garage mechanic a sure, safe, standardized method. It saves hours of time. Bent or twisted frames can be straightened perfectly without removing the body or engine, in practically all cases. Bent front axles can also be straightened without removing. With the Marquette one man can exert plenty of force, just where it is needed, to straighten a bent or twisted frame. No heat is required except in rare cases in which the frame has been severely twisted as well as bent. Even the most heavily built truck and bus frames are mastered by the Marquette. The heavy, detachable twisters can be used either singly, to straighten a simple twist or together, to straighten a double twist. Heavy steel construction throughout. Furnished with 1¾ inch pipe and two 5 ft. lengths of B. B. B. chain. Wt. 173 lbs. .....Each $55 00

STEERING GEAR TOW LOCKS
MARQUETTE

Now you can tow a disabled car backwards whenever necessary. The Marquette holds the front wheels in line and thus enables towing the car backwards as fast and as safely as forwards. It complies with all state laws regulating towing. Attached or detached in one minute, simply by turning the set screws. No nuts to lose; no keys to fall out. The Marquette consists of two crucible steel vices, heat treated and connected by a steel rod. Handy, time-saving, durable—a necessity for every wrecking car. Fits all cars.
Tow Locks. ....Each $4 75

PRESSES
MARQUETTE 30 TON



Built like a bridge. Strength and quick easy operation are combined in this new handy press for automotive repair shops. Self-aligning thrust head structure. Load is taken against a heavy-duty Timken Thrust Bearing. Bevel pinion of heat treated alloy steel running against a large bevel gear, thereby reducing friction to a minimum. Screw can be quickly run up or down to required height from bolster to suit work by spinning the cross shaft with the short handle on the spider. The spider cross shaft is mounted on roller Bearings. The frame is constructed of angle bar steel in two sections heavily riveted together with steel gusset plates like a bridge, where the stresses are the greatest, making a lighter weight, heavy duty structure. The bolster is easily and quickly adjusted by pin insertion and removal. Equipped with face plate and V blocks.

Width between uprights 32 inches, range of screw 10 inches, height with screw down 74 inches, floor space 38x 26 inches, adjustment range 3½ feet.
Marquette. 30 ton capacity. Wt. 480 lbs.....Each $112 00

REELS

MARTIN AUTOMATIC

FLY CASTING

This reel, called a creek whipper is especially adapted to trout fishing. It carries 75 feet of "G" line and will carry a greater amount of finer line. This reel is intended for small fish but it is strong enough for heavier work if desired

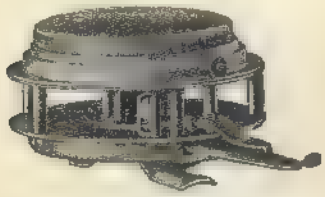
No. 1. Plain. Wt ea., 8 ozs. Each **$4 50**

No. 1. With Line Protector. Wt. ea., 8 ozs. .....Each **$5 50**

This is the most popular Martin Automatic. It is like No. 1, except that it has a capacity of 80 ft. of "G" line or a greater amount of finer line. Ideal for general fishing.

No. 2. Plain. Weight, each 8 1/10 ozs. .....Each **$5 00**

No. 2. With Line Protector. Wt. ea., 8 1/10 ozs. .....Each **$6 00**

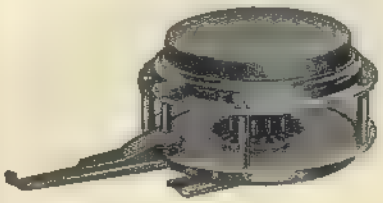


This reel is particularly adapted to bass and other game fish. This line carrying capacity is 150 ft, of "G" line. This greater length of line is a great advantage for heavier fishing. Good for all-around service.

No. 3. Plain. Weight, each 8 1/5 ozs. .....Each **$5 50**

No. 3. With Line Protector. Wt. ea., 8 1/5 ozs. .....Each **$6 50**

FLY CASTING

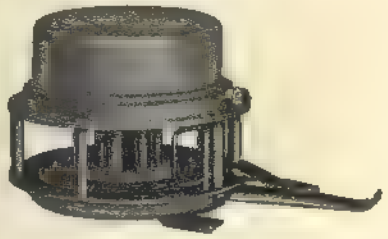


This is the largest regular Martin automatic reel. Holds 225 ft. of "G" line. Especially adapted to salmon and other large fish. Reliable and unusually strong, still it weighs only a fraction of an ounce more than the smallest reel

No. 4. Plain. Weight each, 8 3/10 ozs. .....Each **$6 00**

No. 4. With Line Protector. Wt. ea., 8 3/10 ozs. .....Each **$7 00**

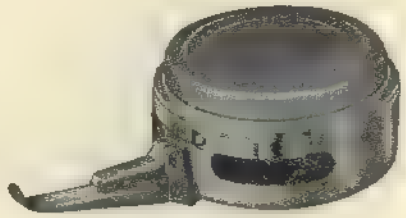
TROLLING



In addition to its regular automatic features, the Martin automatic trolling reel has greater line capacity and much greater winding power. It has a capacity of 250 ft. of light trolling line and will take in 150 ft. at one winding. The reel is sold completely equipped with a tungsten steel line protector.

No. 10. Trolling. Wt. ea., 12 ozs. .....Each **$10 00**

FLY-WATE



Here is the wonderful new Martin Automatic Fly-Wate—a marvel of speed, strength, compactness and lightness. It's just the reel for the "sporty" fly-caster. It is made in three sizes that will satisfy every one interested in casting, regardless of the size and weight of line used. All models weigh about six ounces—practically the only difference being in the size of spool The Fly Wate is so light in weight that it gives a perfect balance to light fly rods, yet it is strong enough to withstand hard usage. The strong winding spring will retrieve a great length of line—depending on the size used. An extra large hardened steel line guide; a new spring tension throw-off; a large efficient brake system—these are just a few of the exclusive features of this remarkable Fly-Wate model. Equipped with line guide and enclosed in a neat leather pouch. In individual cartons

No 26. Has a line capacity of 75 feet of "G" line.....Each **$8 00**

No. 27. Line capacity 90 feet of "G" line or a full 30-yard HFH double tapered line. Will retrieve the full double tapered line or 80 feet of "G" line with one winding of spring. .....Each **$10 00**

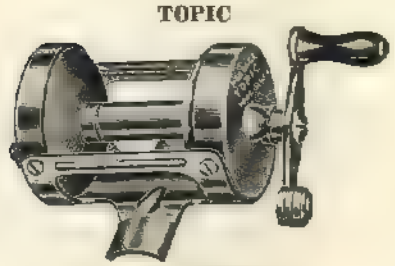
No. 28. Carries 150 feet of "G" line; 100 feet of "C" line or a full 30-yard HCH double tapered line. Will retrieve 80 feet of "G" line or the full double tapered line with one winding of the spring.....Each **$12 00**

All above, one in a box.

REELS.

FLY CASTING.

TOPIC



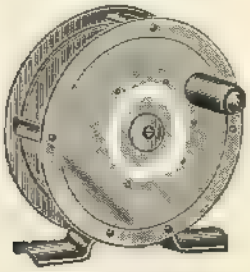
Double Multiplying
Bright Nickel Finish.

The Topic reel stands alone when price is considered and combines the three essentials, viz: simplicity, durability and line capacity. Adjustable click; balanced crank; rubberoid handle; bushed for bearings; oil holes provided for conveniently oiling both front and back pivots.

No. 123. 60 yd. 1⅝ in. pillar; 1½ in plate. Wt. ea. 5 ozs.....Each **$0 75**

One in a box

SIMPLICITY.

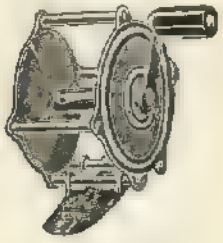


Single Action.

No. 2. 60 yards. A plain, bright finished reel for light fishing; removable spool; single action with click. Wt. each, 4 ozs.....Each **$0 65**

One dozen in a box

EXCELL.



Single Action.
Raised Pillar, with Stationary Click
Nickel Plated.

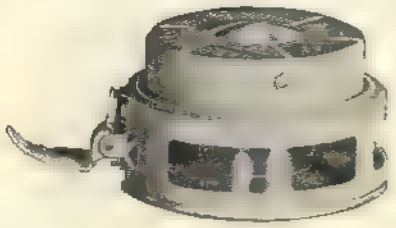
No. 31. 25 yd. 1 in. pillar; 1¾ in. plate. Wt. ea. 2¾ ozs.....Each **$0 50**

No. 32. 40 yd. 1 in. pillar; 2 in. plate. Wt. ea. 3 ozs. .....Each **$0 55**

No. 33. 60 yd. 1 in. pillar; 2¼ in. plate. Wt. ea. 3⅛ ozs.....Each **$0 65**

Half dozen in a box.

MEISSELBACH AUTOMATIC



As light as a good automatic reel can be made. Embodies all the traditional Meisselbach strength of construction and is built to give the everlasting service which has made them famous; constructed of a special metal light as aluminum, strong as steel and most important of all, rustproof; the strongly constructed winding mechanism is completely enclosed. Paying out the line winds up the reel and a feather touch on the lever reels in the fish. If the angler wishes to wind up the spring without disturbing his line he has simply to turn the drum on top of the reel. Capacity, 50 yds. of "F" line.

No. 655. Wt. ea., 10 ozs...Each **$5 00**

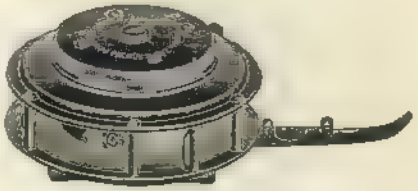
Every detail of construction has been carefully planned and tested by engineers experienced in designing fishing reels. The purchaser is therefore assured that he is not only buying a light automatic reel with ample line capacity, but one which will stand the punishment of landing the big ones. The spring is wound by paying out the line and the line rewound by a light touch on the spool release lever. The spring may also be wound by turning the drum on top of the reel and a spring release on the bottom of the reel permits the spring to be unwound without disturbing the line. Capacity, 35 yds. of "F" line.

No. 660. Wt. ea., 8 1/5 ozs..Each **$5 00**

All above, one in a box.

PFLUEGER AUTOMATIC

SUPEREX.



Satin Nickalum, Gun Metal Finish.

Has all the features to safely claim for it the best "Automatic" on the market. Made of Nickalum, a metal as light in weight as aluminum and as strong as steel. No projection to catch the line. Taking the line off (stripping) will automatically wind the main spring. Fasten the line to the lug in the crescent opening in the spool. Reel No. 778 is recommended for salmon, steelhead, trout, Rainbow trout, Muskallunge and other heavy fishing. Spool is of rigid construction and closely fitted; no danger of the line fouling between the spool and side plates; steel pivots running in long bearings; main spring, the power plant of the reel, is made of the very best steel suitable; winding cap furnishes a comfortable grip free from all fatigue; main spring release, an attachment for releasing tension on main spring and which can be conveniently operated with the same hand as operates the winding cap and while the fish is in play; tension relief device is located on the inside of the reel and protects the main spring from damage and allows the line to pay out when the main spring is fully wound. The tension is always on the fish, no matter which way it is headed and all "slack line" troubles are at an end; brake release is attached to the brake lever and makes the reel free spool when desired; brake lever controls brake on spool and does it without throwing reel out of alignment; hole for hook in the end of brake lever is a great convenience for securing the hook; swinging loop line guard is made of special Tungsten steel, as hard as flint and eliminates all wear on the line; specially treated to prevent rust; gears are all machine cut (not stamped) and are extra strong and free running. Oiling system is such that the reel can be oiled at every frictional point. Each reel is wrapped in silver tissue and anti tarnish paper.

No. 775. ¾ in. pillar; 3½ in. plate. Wt. ea. 8¾ ozs. .....Each **$6 00**

No. 778. 1¼ in. pillar; 3½ in. plate. Wt. ea. 11¼ ozs.....Each **$10 00**

All above, one in a box.

Mayfair Jewelry

W-1
Finest quality French cut graduated Crystal necklace
$6.00
(An extra...)

W-2
Beautiful imitation carved Rose Quartz graduated
W-3
Same in Chinese Jade
W-4
Same in Lapis-Lazuli
Each $9.00

W-5
...imitation Emerald ...with ...t ...ench design
W-6
Same in Amethyst
Each $4.50

W-7
...Chinese ...with ...
W-8
Same in Amethyst Quartz
Each $8.25

W-9 Fine imitation Amethyst Quartz of unusual design
W-10 Same in Flawed Emerald
Each $6.00

The twenty necklaces listed on these pages were selected for design and color by expert Parisian Stylists. A selection of one each offers the Jeweler a perfectly balanced stock based on the most expert advice obtainable. Illustrations actual size [illegible]

Mayfair Jewelry

W 16
Each $9.00

W 17
Each $9.00

W 18
Same in alternating Emerald and Crystal
Each $6.00

W 19
Each $7.50

W 20
Each $7.50

Every genuine Mayfair product carries this tag

Each necklace strung on plated soldered link chain and attractively boxed

MARTIN-COPELAND COMPANY ····· MAKERS OF FINE JEWELRY

MECCANO OUTFITS

Contains all the parts of the No. 1 outfit, plus an electric motor which builds right into the models. Complete with book of instructions.

	Per Set
No. 1X—Wt per set 3 lbs...	11 25
One set in cardboard box.	*$5 00*

Complete with motor and 226 parts, with which Auto Trucks, Bridges, Monoplanes, Steam Shovels and many more models can be built. Full instructions included.

	Per Set
No. 2X—Wt per set 5 ½ lbs...	16 50
	$7 50
One set in cardboard box.	

Complete with motor, transformer and 800 parts, including brass gears, machined from the solid bar, patented triple throw eccentrics, braced girders, face plates, fork pieces and wheels. Two big manuals of instructions included which show how to build 540 selected models.

	Per Set
No. 5—Wt per set 22 lbs.....	54 00
One set in carton.	*$25 00*

ERECTOR SETS

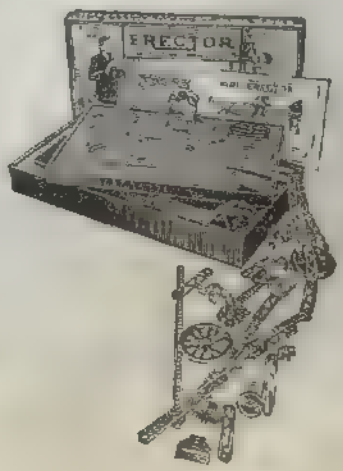
Erector sets are composed of stamped steel, imitating girders, beams and other structural parts. These pieces are punched that miniature bridges, office buildings, buses, trucks, etc., can be constructed. Illustrated instructions showing different constructions furnished with each set.

Contains 104 parts. Complete with 20 page manual illustrating 278 models. Size 8⅝x12¾x⅝ inches.

	Per Set
No. 11—Wt each 1¼ lbs	2 25
	$1 00
One set in cardboard box.	

Contains 169 parts. With gears and big red wheels. Complete with 36 page manual illustrating 381 models. Size 10x18x1⅛ inches.

	Per Set
No. 13—Wt per set 2¾ lbs.....	5 25 *$2 50*
One set in cardboard box.	

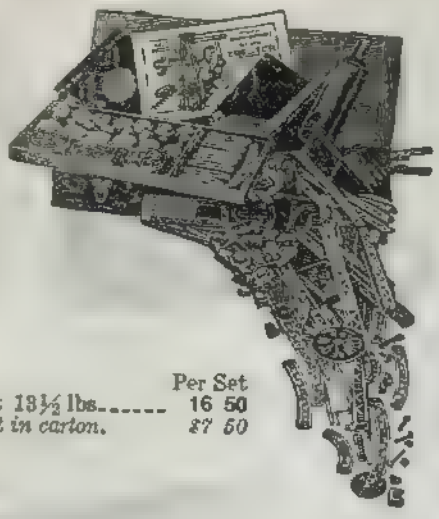


Contains 235 parts and powerful electric motor. Complete with 60 page manual illustrating 500 models. Size 10x18x2½ inches.

	Per Set
No. 14—Wt per set 6⅓ lbs.....	11 25
	$5 00
One set in cardboard box.	

ERECTOR SETS

Erector sets are composed of stamped steel, imitating girders, beams and other structural parts. These pieces are punched that miniature bridges, office buildings, busses, trucks, etc., can be constructed. Illustrated instructions showing different constructions furnished with each set.

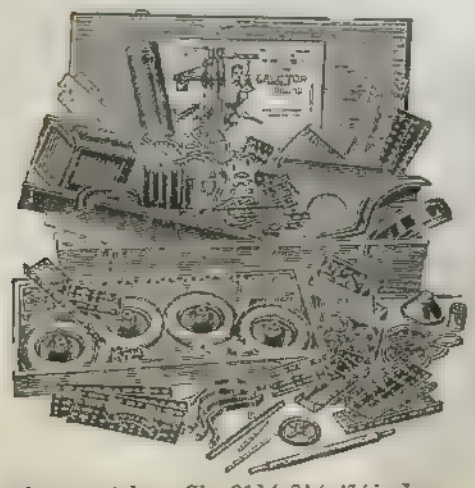


Contains 473 parts and powerful electric motor. Complete with 76 page manual illustrating 533 models. Set put up in stained and varnished wood box with brass side grips and suitcase catches. Size 21½x8¼x3¼ inches.

	Per Set
No. 16—Wt per set 13½ lbs	16 50
One set in carton.	*$7 50*

Contains 535 parts sufficient to build 747 models, builds a steam shovel. Hinged top, enameled red and black hardwood case with removable display rack. Set consists of heavy disc steel wheels with rubber tires, motor and completely assembled gear box for reversing, transmitting, increasing and regulating power and speed. Complete with illustrated manual of plans and models.

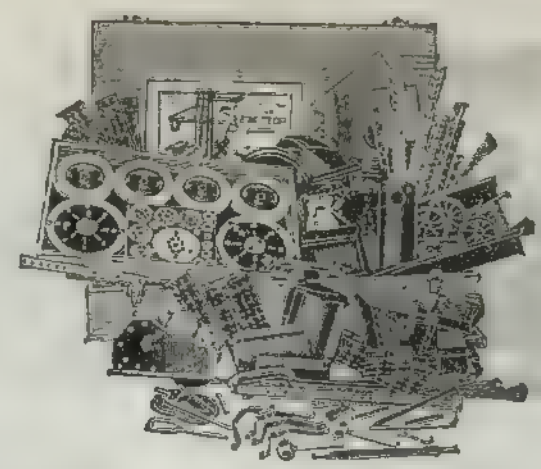
	Per Set
No. 17—Size case 22½x8¼x5 ins	21 75
Four sets in carton; wt per set 18 lbs.	*$10 00*



Contains 627 parts and powerful electric motor. Big red disc wheels with rubber tires and complete assortment of automotive parts. Complete with 92 page manual illustrating 554 models, motorized section illustrated in colors. Stained hardwood cabinet with brass side grips and suitcase catches. Size 21½x8¼x4⅞ inches.

	Per Set
No. 15—Wt per set 24 lbs	33 00
One set in carton.	*$15 00*

ERECTOR SETS



Contains 922 parts including powerful electric motor, new giant boiler plates, trumodel derrick, complete operating 3 drum hoist, tip bucket and complete assortment of automotive parts. Complete with 124 page manual illustrating 590 models, some sections in colors. Stained hardwood cabinet with brass side grips and suitcase catches. Size 25½x10¾x5 inches.

	Each
No. 18—Wt each 26 lbs	54 00
One set in carton.	*$25 00*

AEROPLANE CONSTRUCTOR

Complete aeroplane construction set, builds monoplanes, seaplanes, biplanes etc. 19 different models that fly captive for hours at a time. models average 24 inches long with 20 inch wing spread. Powered by universal Polar Cub motor. Complete with illustrated manual of descriptions and models.

110 Volt. A.C or D.C. Motor.

	Per Set
No. 29—Size case 13½x20½x2⅞ ins	21 75
One set in carton; wt per set 35 lbs.	*$10 00*

ERECTOR ACCESSORY SETS

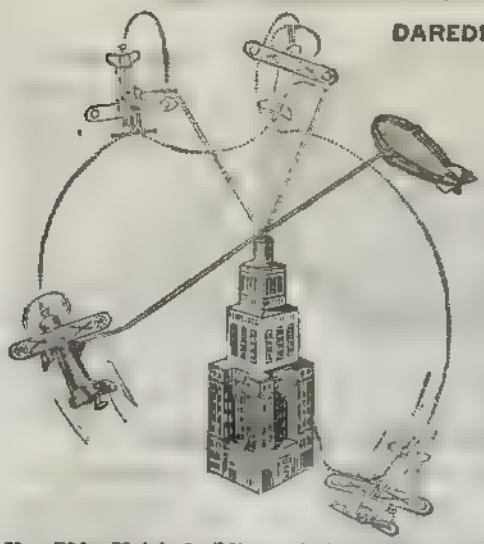
An accessory set which will match with any standard Erector set and is also a complete unit in itself.

Contains 442 parts including giant beam girders, both straight and curved, bull wheel, base plates, disc wheels, etc. permitting the construction of a large number of models in certain types of trumodel building. Complete with 16 page colored manual illustrating 42 models. Size 10x18x2½ inches.

	Per Set
No. 25—Wt per set 15 lbs	16 50
One in cardboard box.	*$7 50*

MECHANICAL TOYS

DAREDEVIL FLYER



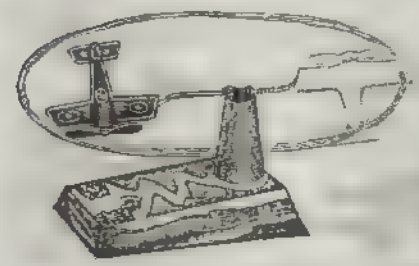
Sheet steel attractively lithographed in bright colors. Airplane rises, from the ground flies up on its own power, circles the top of the building, then loops the loop in the air, circles the tower again and then loops the loop several times more, finally gliding again to the ground.

Per Doz

No. 700—Height building 10½ ins; width 3½ ins; length beam 21 ins; airplane 6¾x6¾ ins; zeppelin 5½ ins long $30 00

One in cardboard box; wt per doz 14 lbs.

STUNT FLYER

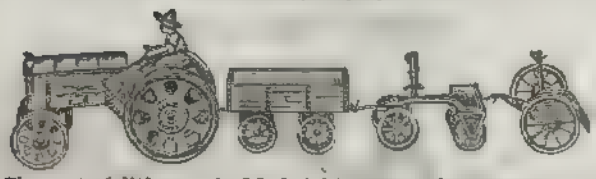


Sheet metal, attractively lithographed in bright colors. Airplane connected to tower revolves in circles and loops the loop. Height 4¼ ins; length 6½ ins; width 3⅞ ins Per Doz

No. 74 ..... $6 30

One in cardboard box; wt per doz 7 lbs.

TRACTOR SET



Sheet steel, lithographed in bright colors. Consists of tractor, four wheel trailor, disc harrow and rake. Per Doz

No. 500—Length over all 27 ins $27 00

One in cardboard box; wt per doz 18 lbs.

TRAIN SET

Sheet steel, very sturdily constructed, lithographed in bright colors. Consists of locomotive, tender and freight car, four sections of O gauge track, making an oval 60 inches in circumference.

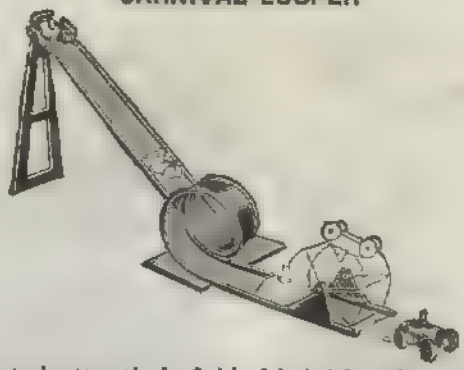
Per Doz

No. 360—Length over all 14 ins $16 50

One set in cardboard box; wt per set 16 lbs.

MECHANICAL TOYS

CARNIVAL LOOPER



Sheet steel, attractively finished in bright colors. Car goes down chute, loops the loop, and at the end of runway it strikes lever which releases automatically and car jumps over hurdle and then proceeds. Per Doz

No. 91—Length 16 ins; height 6½ ins; width 3 ins $6 45

One in cardboard box; wt per doz 8lbs

DOUBLE STUNT AUTO

Sheet steel, attractively finished in bright colors. Two cars are placed at top of runway and as lever is released, the cars proceed down runways striking lever which releases automatically and cars then jump over hurdle and proceed. The car that travels the farthest is declared the winner of the race.

Per Doz

No. 16—Length 11 ins; width 4 ins; height 2⅜ ins $6 45

One in cardboard box; wt per doz 7 lbs.

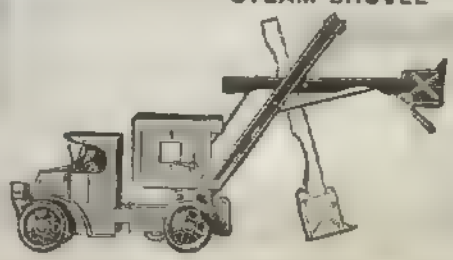
HY-AND-LO

Sheet steel, attractively finished in bright colors. Car glides from upper runway to lower runway and mechanism, through means of a lever, picks car up from lower runway to upper runway, same action continuing. Furnished with two cars, this makes the action continuous. Per Doz

No. 160—Length 13½ ins; width 4¼ ins; height 3 ins $12 75

One in cardboard box; wt per doz 10 lbs.

STEAM SHOVEL



Sheet steel, enameled in bright colors. Steam shovel combined with sturdy Mack truck; exact type of steam shovel that is used on construction work.

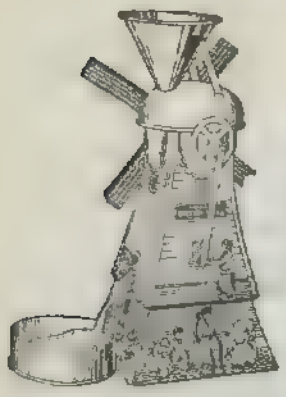
Per Doz

No. 510—Length 16 ins; height 8¾ ins; width 3¼ ins $12 75

One in cardboard box; wt per doz 14 lbs

MECHANICAL TOYS

DUTCH WINDMILL



McDOWELL

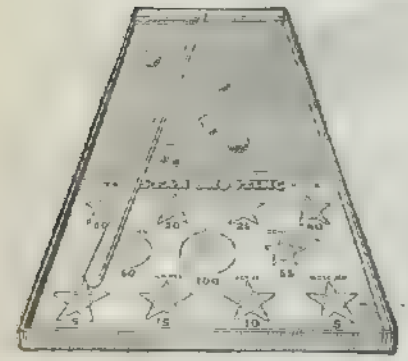
Sheet steel, beautifully lithographed in bright colors. Dumping sand through hopper into mill starts the little dutch man into motion, rotating the wings of mill. Complete with bag of sand and metal container.

Per Doz

No. 26—Height over all 12 ins; base 3½x3½ ins $24 00

One in lithographed cardboard box; wt per doz 25 lbs.

SHOOTING GAMES



McDOWELL

Sheet metal, lithographed in bright colors.

Furnished with five different colored balls and nicely finished cue.

Played by shooting the balls with the cue against the cushion and they bounce back into the hole or stars.

Per Doz

No. 52—Length 22 ins; width 10½ ins; 14 in. runway covered with green cloth $24 00

One in cardboard box; one doz in carton; wt per doz 28 lbs.

MACHINE GUNS

McDOWELL

All steel, finished in bright colors.

A slight pull and push of the handle blows a hole in the paper roll giving a sharp report like that from a rifle. Absolutely safe and harmless. Complete with four paper rolls.

Per Doz

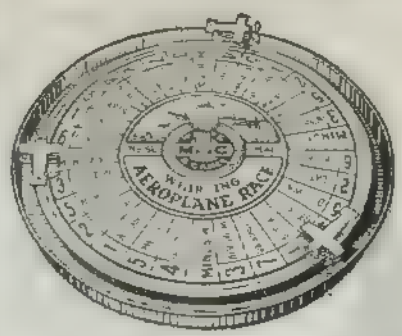
No. 100—Length 13¼ ins $25 20

Two doz in carton; wt per carton 14 lbs.

Machine Gun Refills. Per Doz Tubes

No. 101—Each tube contains 4 small rolls, wt per doz tubes 1 lb $2 55

AEROPLANE RACE



McDOWELL

Steel, lithographed in bright colors. Three brightly colored aeroplanes fly around the universe passing or stopping at the leading airports in the world. Object of the game is to see which plane will make 100 miles in the shortest time.

Per Doz

No. 60—Diam 10 ins $24 00

One in cardboard box, two doz in carton; wt per doz 22 lbs.

TWO-CAR SPEEDWAY

McDOWELL

Steel saucer shaped race track for two cars, lithographed in bright colors, decorated grand stand. Complete with two mechanical racing automobiles with drivers.

Per Doz

No. 2—Diam 10½ ins $21 00

One in cardboard box, two doz in carton; wt per doz 16 lbs.

SEE-SAW COASTERS

McDOWELL

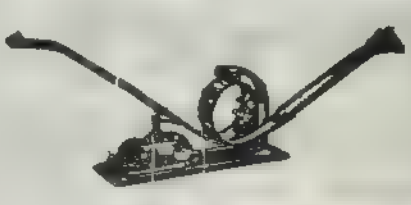
Heavy gauge sheet steel, lithographed in bright colors, strong and durable; full of action and very amusing. Coaster makes forty trips to one winding.

Per Doz

No. 3—Length over all 21 ins; height 3⅞ ins $24 00

One in cardboard box, three doz in carton; wt per doz 15 lbs.

LOOP-THE-LOOP



McDOWELL

Heavy sheet steel, finished in bright colors, perfect in operation, very interesting to watch the little car roll down the incline and loop-the-loop, then loop again on the return trip.

Per Doz

No. 4—Length over all 25 ins; height 5¼ ins $24 00

One in cardboard box, two doz in carton; wt per doz 24 lbs.

DOUBLE LOOP-THE-LOOP

McDOWELL

Sheet steel, finished in bright colors. A miniature figure seated on a hand-car comes down the incline, whirls through loop, then through the second loop and after reaching the end of the track, returns the same way.

Per Doz

No. 5—Length over all 25 ins; height 5¼ ins $39 00

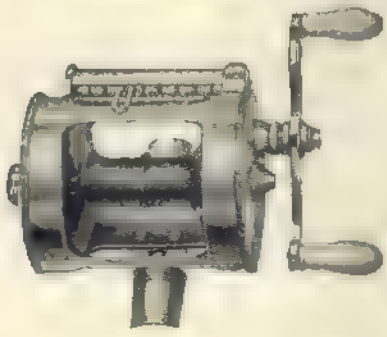
One in cardboard box, one doz in carton; wt per doz 40 lbs.

REELS.

CASTING.

MEISSELBACH.

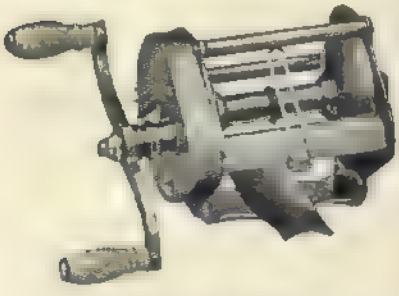
"RANGER" LEVEL WIND



Quadruple, Multiplying, Double Handle.

No. 125. 100 yard capacity; combines the advantages of the Bakelite spool with the famous Meisselbach "Takeapart" feature and tubular frame construction. Starts easily, stops easily and can be taken apart without tools in a few seconds. The beautifully nickel plated, one-piece, brass frame gives it strength and rigidity for lifetime service. Wt. ea., 10 ozs. .....Each $15 00

"FLYER" LEVEL WIND.



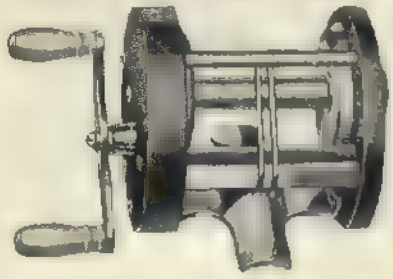
Quadruple Multiplying. Double Handle.

No. 645. 100 yard capacity; entire frame of heavily nickel-plated brass; pleasing in appearance; spool flanges nickel silver; brass arbor; nickel steel pivots running in phosphor bronze bearings; adjustable end bearing; can be oiled without disassembling. Pin which travels in groove of level wind shaft is made of long-wearing hardened steel, copper-coated to prevent rust. Wt each, 8 ozs.....Each $7 50

All above, one in a box.

MEISSELBACH

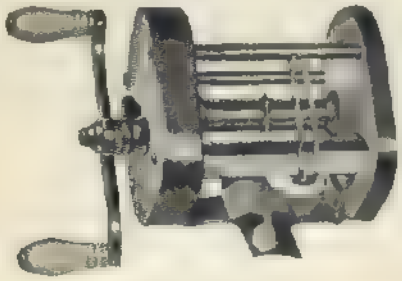
"BULL'S EYE" LEVEL WIND



Quadruple Multiplying Double Handle.

No. 100. 100 yard capacity; the end plates are made of black "Permo," a tough tenacious (not brittle) material It is light, strong, highly polished and unaffected by water or oil. The level winding arrangement has been proven to successfully stand the wear and tear of years of actual use and is protected from sand and water by a hood-shaped guard. The nickel steel, rust resisting pivots run in phosphor bronze bearings which are both adjustable and removable, enabling the user to take up any play which may develop in the spool through season after season of use and to oil the reel without disassembling it. Frame heavily nickel plated brass; brass arbor and nickel silver spool flanges. As lively and free running as a level winding reel can be made. This is the result of accurate workmanship and an exceptionally rigid inspection. Wt.ea.7½ozs..Each $5 00

"TARGET" LEVEL WIND



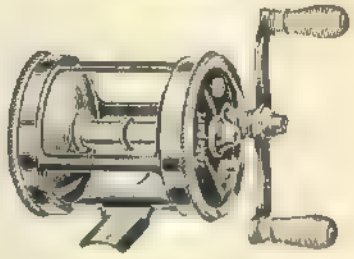
Quadruple Multiplying Double Handle

No. 105. 80 yard capacity End plates of black Permo, a moulded composition give it a rare combination of strength, lightness and beauty. Nickel steel pivots run in phosphor bronze bearings A hardened steel pin carries the level wind guide across a bronze shaft. A wearing combination that cannot be equalled. Left end bearing is adjustable enabling the angler to keep the spool free from end play at all times. Wt ea. 6 ozs. ....Each $3 00

All above, one in a box.

MEISSELBACH

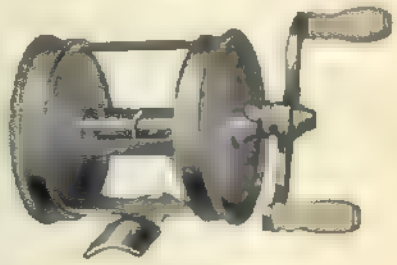
TAKAPART.



Quadruple Multiplying.

No. 480. 100 yards capacity; the entire frame is made from a solid piece of tubing, with flat pillars or cross bars, with no screws or rivets to work loose. The head and end plates can be adjusted so that the handle and click can be placed in four different positions; the click is on the rear plate; by adjustment the click button can be placed in any position; there is a friction device to prevent back-lashing; can take apart without tools by simply unscrewing capacity ring at either end; spool 1¾ inches diameter, by 1⅝ inches long; regular click; quadruple action. Wt. each 7¾ ozs. .....Each $6 00

TRIPART.



Quadruple Multiplying.

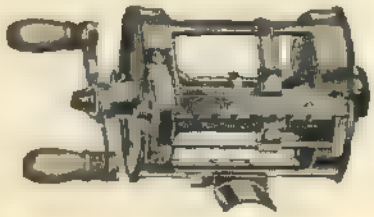
No. 580. 80 yards capacity; frame and reel seat made from solid piece of brass plate, finely finished and beautifully nickeled; spool of Liberty silver; bearings, steel and bronze. Adjusting cap has friction device, preventing back-lashing which also overcomes any looseness or wearing in bearings, preventing rattling after years of use. Can be taken apart without tools by simply unscrewing ring of head plate. Spool 1¾ inches diameter by 1½ inches long; regular click; quadruple action. Wt. each 6¼ ozs. ....Each $6 00

All above, one in a box

REELS

CASTING

THE SYMPLOREEL

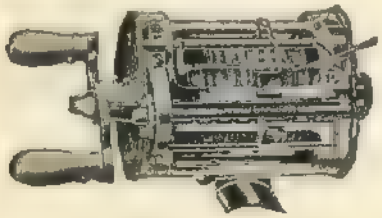


Level Wind.

No. 252. 100 yards capacity; a level wind reel, with double handle, that is achieving nation-wide success. Like every other member of the Symploreel family, it is sturdy, well made and well-designed. With care it is a reel that will last a life-time. The adjustable reciprocating snaft bearing, giving greater and smoother service. This feature is found in no other level-winding reel. Chromium plated. Holds 100 yards of standard bait casting line. Wt. ea. 10 ozs. .....Each **$10 00**

No. 552. Same general description and size as No. 252 but has two rubber side plates instead of metal. Wt. each, 10 ozs. .....Each **$9 00**

No. 752. Same description and size as No. 552 but has one metal and one rubber side plate. Wt. each, 10 ozs..Each **$7 50**

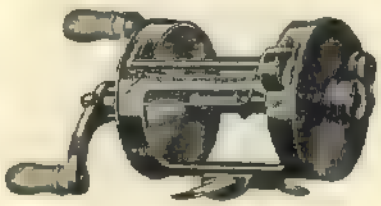


Non-Back-Lash. Level Wind.

No. 257. 100 yards capacity; this Level Wind Non-Back-Lash Symploreel is the only reel of its type with a practical, simple come-a-part feature for cleaning and oiling. The tubular construction of the frame enables the angler to actually put at least 100 yards of standard bait casting line on the reel. The level winding feature is well and strongly designed and of positive operation. The reciprocating shaft is made on a machine of the manufacturer's own special design, insuring absolutely accurate worms—one of the difficulties of many level winding reels. The patented non-back-lash device embodied in this reel is perfectly controlled by its fine adjustments, which varies the pressure on the spool. Every weight of bait, every wind condition and any length of cast can be met by this reel. Wt. each, 12 ozs..Each **$12 50**

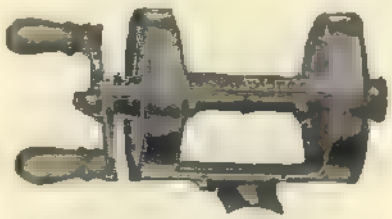
All above, one in a box.

THE SYMPLOREEL



Non-Back-Lash.

No. 255. 100 yards capacity; the ideal reel for the beginner. Its adjustable non-back-lash feature enables the beginner, as well as the more experienced angler, to cast without the worry of backlashing. We recommend it unreservedly and know that any angler following the simple instructions attached to each No. 255 reel will achieve success in using this particular model of the Symploreel line. Full 100 yards capacity. Wt. each, 10 ozs. .....Each **$6 50**

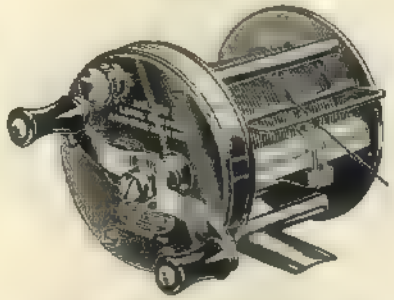


Plain Spool, Double Handle.

No. 250. 100 yards capacity; a plain spool reel with a double handle, combining beauty, strength, and an unusual amount of thumbing space. Made by the same reel mechanics that made the higher priced Symploreels, of the same high grade material and designed by the same master reel mechanic. A most serviceable reel for the angler who does not desire the level wind, non-back lash or free-spool features incorporated in the higher priced reels. Wt. each, 8 ozs. .....Each **$6 50**

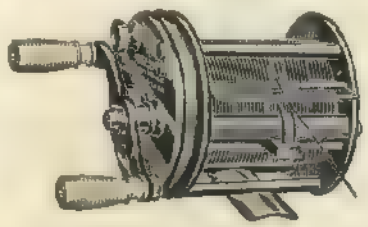
All above, one in a box.

ORENO



Level Winding, Anti-Back-Lash

No. 550. Never before have we offered the angler a reel that included the original anti-back-lash and level winding features at so attractive a price. It is just a plain, good, substantial reel, without any frills or embellishments whatever. It is priced so that even the occasional angler can afford a reel with these two desirable features. Frame is highly nickel-plated brass with double-grip of black ivoroid riveted to crank. Quadruple multiplying gears of hunting-tooth train type, that equalizes the wear on all teeth. Spool bearings run in bronze bushings. Adjustable spool caps. Capacity, 100 yards, 15 pound test silk casting line. Spool diameter, 1½ inches and width, 1¾ inches. Wt. 8½ ozs. .. ..Each **$5 50**



Level Winding, Anti-Back-Lash.

No. 1000. Capacity, 100 yards 16 to 20 pound test silk casting line. This reel is the same in every respect in so far as action and operation are concerned, as the South Bend Level-Winding Anti-Back-Lash. It is so priced that every angler can now own a Level-Winding Anti-Back-Lash of South Bend construction.

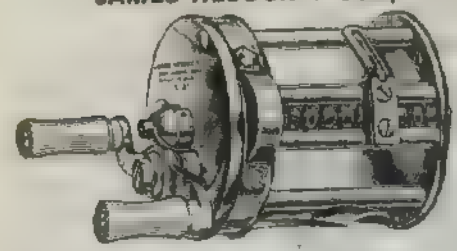
Thumbing and spooling are entirely eliminated. It cannot back lash, snarl or tangle, and it automatically spools itself, winding the line smooth and even. Like the Oreno Anti-Back-Lash it is of dual use and by a very simple adjustment can be converted into a straight level-winding reel.

Highly silvered finish with double grip; new improved rod clip of substantial construction; quadruple multiplying gear; jeweled spool caps. Spool diameter is 1½ inches and 1⅛ inches wide. Wt., 9 ozs. each....Each **$8 50**

All above, one in a box.

FISHING REELS

JAMES HEDDON & SON, Level Winding.



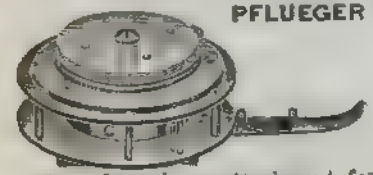
Quadruple Multiplying.

Hard drawn nickel silver, nickel finish; stud shaft; pivots and pinion of drill rod, oil tempered, ground and polished. Double hard rubber handles. Equipped with level winding device of non-rusting material making it especially desirable for salt water fishing. Each

No. 3-25—Capacity 100 yds, diam outside 2 ins; length of spool 1⅝ ins; diam of spool head 1⅛ ins 74 25

One in cardboard box; wt each 8 ozs $30 00

PFLUEGER SUPEREX, Automatic.

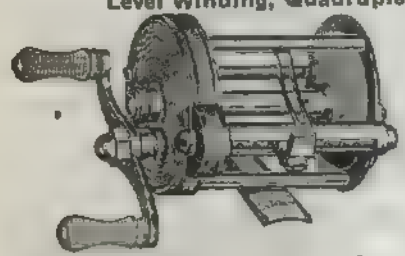


Nickalum satin gun metal finish. Machine cut gears extra strong and free running, fitted with steel pivots running in long bearings; main spring release is an attachment for releasing tension on main spring; tension release device located on inside of reel protecting main spring from damage; brake release attached to brake lever making free spool when desired; brake lever controls brake on spool without throwing reel out of alignment. Special tungsten steel loop line guard eliminates wear on line. Each

No. 775—Capacity 100 yds; ¾ in. pillar, 3 ½ in. plate .. $13 20

One in cardboard box; wt each 7 ozs.

PFLUEGER SUMMIT
Level Winding, Quadruple Multiplying.

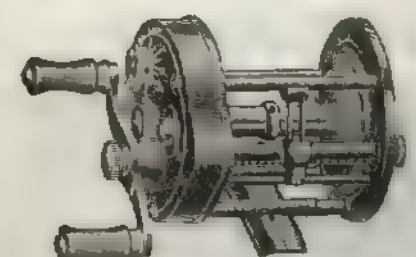


Non-tarnishable nickel silver. Tempered bronze gear; steel pinions; phosphor bronze bearings; polished steel gear post; one piece tempered bronze double thread shaft housing; phosphor bronze line guide block with extra long bearing surface that travels full width of spool laying the line close to each flange avoiding back lashes. Amber pyralin double handle crank. Sliding click. One piece phosphor bronze click spring. Cross plate conforms to and fits on the reel seats of any standard rod. Stainless steel tempered wire line guide loop. 1⅞ inch pillar; 2 inch plate. Capacity 75 to 200 yards according to size of line. Each

No. 1993J—Jeweled; wt each 8 ozs $22 05

One in chamois bag in cardboard box.

PFLUEGER SUPREME, Level Winding.



Anti-Back-Lash Casting. Quadruple Multiplying.

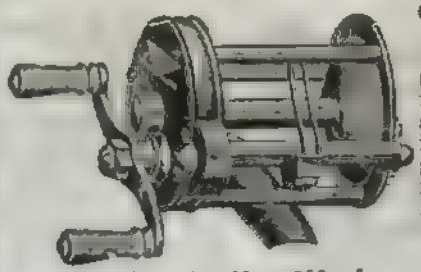
Nickalum, satin finish tempered phosphor bronze gears with generated spiral teeth; tempered steel pinions and pivots; phosphor bronze bearings; Pyralin ivory handles; 1⅞ in pillar; 2¼ in disks. Has anti-back-lash and automatically thumbs the spool and stops the instant the bait strikes the water. Each

No. 1573 Capacity 75 to 200 yds $54 75

One in Chamois leather bag packed in cardboard box; wt each ½ lb.

FISHING REELS

PFLUEGER, Akron Level Winding.



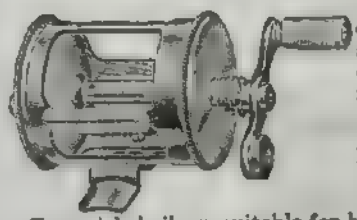
Quadruple Multiplying.

Combination satin and polished nickel finish. Selected tool steel pivots and pinions; tempered bronze gear and pivot bearings. Double white ivoroid handles, 1⅞ inch pillar; 2 inch plate. Each

No. 1893—Capacity 60 to 100 yds according to size of line used $13 20

One in cardboard box; wt each 7 ozs.

—BLUE GRASS—SIMPLEX



Gears are cut from hard drawn brass rod and pinions are of the finest stub steel drill rod, tempered and polished.

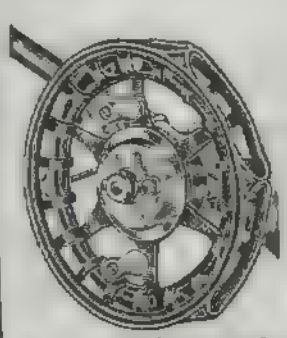
Has handle forward of the bottom and sliding click located on back end of reel. Both click and spring are of finest oil tempered steel.

Best nickel silver, suitable for bait casting, bass fishing and for trolling pike, muskalonge and other large fish. Capacity 120 yards of No. 5 Kingfisher line. Each

No. BG33—Diam of spool 1⅝ ins; length of spool 1⅝ ins; wt each 12 ozs $26 25

One in cardboard box.

WINONA



The spool is moulded in one piece, of Redmanol (a glossy black material similar to hard rubber, but much stronger); It runs on tool steel shaft. The guard is of bronze, nickel plated. Other parts are aluminum; Ivoroid handles, securely fastened; adjustable drag and regular click, can be taken apart by removing one screw. Capacity 100 yds. of 15 lb. test silk line; diameter spool 5 inches. Each

No. 105—Without guard $10 95

No. 108—With guard 16 50

One in cardboard box; wt each 6 ozs.

MARTIN, Automatic, with Line Protector.

Aluminum, and duraluminum all working parts are of brass, highly polished. Equipped with special line protecter made of tungsten steel, mounted beside one of the reel posts. Spool is of rigid construction and closely fitted, eliminating all danger of line fouling between spool and side plates. Each

No. 1LP—Cap 75 ft of G line $12 45

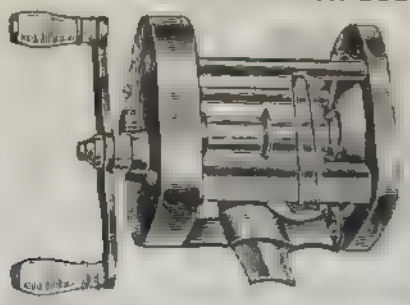
No. 2LP—Cap 90 ft of G line 13 50

No. 3LP—Cap 150 ft of G line 14 70

One in cardboard box; wt each 8 ozs.

FISHING REELS

MEISSELBACH BULL'S EYE



Level Winding, Quadruple, Multiplying.

Nickel plated brass frame with brass arbor and nickel silver spool flanges; Permo end plates (a tough tenacious) material, light, strong and not affected by water or oil.

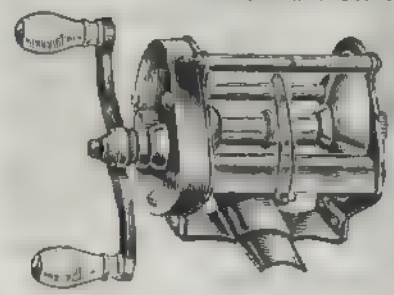
Nickel steel rust resisting pivots run in phosphor bronze bearings which are both adjustable and removable, enabling user to take up any play which may develop in spool. Adjustable click and drag.

Double crank handle with white ivoroid grips. Each

No. M100—Capacity 100 yds; diam spool 1¾ ins; length spool 1⅞ ins.....$10 95

One in cardboard box; wt each 7½ ozs.

MEISSELBACH FLYER



Level Winding, Quadruple, Multiplying.

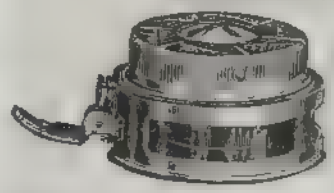
Nickel plated brass frame and end plates with brass arbor and nickel silver spool flanges. Nickel steel rust-resisting pivots run in phosphor bronze bearings which are adjustable and removable, enabling user to take up any play which may develop in spool.

Adjustable click and drag. Double crank handle with white ivoroid grips. Each

No. 645—Capacity 100 yds; diam spool 1¾ ins; length spool 1⅞ ins.....$16 50

One in chamois bag in cardboard box; wt each 7½ ozs.

MEISSELBACH AUTOMATIC



Rust-proof light weight metal case with a strongly constructed winding mechanism fully enclosed.

Paying out the line winds up the reel and a feather touch on lever reels in the fish.

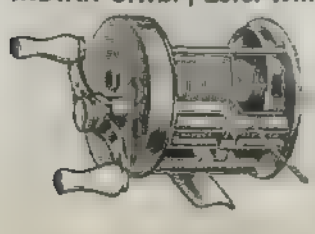
If angler wishes to wind up the spring without disturbing his line, he has simply to turn drum on top of reel. Each

No. 656—Capacity 50 of F line yds; diam case 3⅛ ins; width 1⅞ ins.....$10 95

One in cardboard box; wt each 7 ozs.

JAMES HEDDON & SON

INDIAN CHIEF, Level Winding. Quadruple Multiplying.



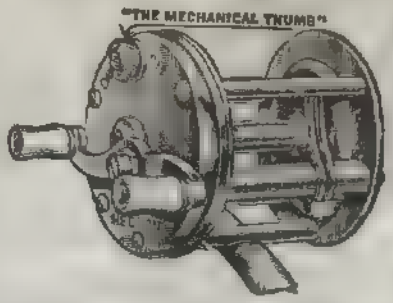
Duraluminum frame; tempered steel shaft, running on nickel silver bearings; reversing screw of level wind device is of phosphor bronze to prevent rust; line carriage is of special alloy and reinforced by patented steady bar; nickel silver alloy bushings; white ivoroid double crank handles. Each

No. 3—Capacity 100 yds; length 1⅞ ins; diam 1½ ins..$18 45

One in cardboard box; wt each 7⅛ ozs.

FISHING REELS

JAMES HEDDON & SON—CHIEF DOWAGIAC ANTI-BACK LASH, LEVEL WINDING

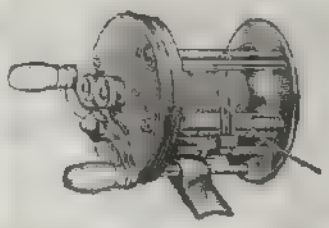


Nickel plated and highly polished head and rear plates; nickel silver spool. Hardened steel click on tail plate with phosphor bronze spring. Screw caps covering spool pivots are adjustable, and have genuine agate jewel bearings. Level winding mechism plated with chromium, the hardest wearing metal known, non-rusting and non-tarnishing. The mechanical thumb anti-back lash device is adjustable to any weight of bait, relieving the constant thumbing. Double crank handle with white ivoroid grips. Each

No. 4—Capacity 100 yds; diam spool 2⅛ ins; length spool 1¾ ins.....23 70

One in cardboard box; wt each 8 ozs. *$10 75*

JAMES HEDDON & SON—ANTI-BACK LASH WALTONIAN, Level Winding. Quadruple Multiplying.



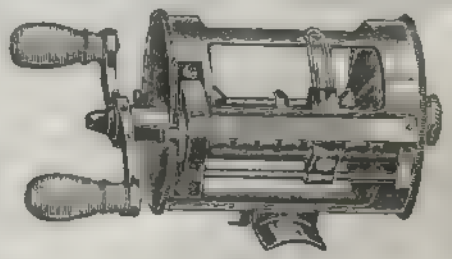
Duraluminum frame, French gray satin finish; hard bronze bearings; adjustable screw cap; drawn brass gears; steel pinion and pivots; line carriage and reversing screw reinforced by steady bar, all hard bronze nickeled. Adjustable anti-back lash brake, positive and double acting durable click on special click-pinion; white ivoroid double crank handles. Each

No. 31AB—Capacity 100 yds; length 1¾ ins; diam 1⅛ ins.....$27 45

One in cardboard box; wt each 7 ozs.

MEISSELBACH CATUCCI'S

Symploreel. Level Winding. Quadruple Multiplying.



Nickel plated satin finish head and rear plates; nickel silver spool, easily taken apart; adjustable reciprocating shaft bearing; adjustable click and drag. Double crank handle with white ivoroid grip. Each

No. 252—Capacity 100 yds; diam spool 2 ins; length spool 1½ ins.....$22 05

One in cardboard box; wt each 12 ozs.

MEISSELBACH CATUCCI'S SYMPLOREEL

Level Winding. Quadruple Multiplying.

Nickel plated satin finish frame with black "Catucci" end plates; phosphor bronze double cone shape bearings; nickel silver spool flanges; adjustable click and drag. Double crank handle with white ivoroid grips. Each

No. 552—Capacity 100 yds; diam spool 2¼ ins; length spool 1⅝ ins.....$21 00

One in cardboard box; wt each 10 ozs.

REEL SEATS

HANDY

Brass nickel plated and polished. Easily applied to rods of any diameter. Requires no cutting or fitting as it adjusts itself and fastens to rod with tapered sliding bands to hold large or small reels.

Per Doz

No. 1H—Length 6½ ins; width ¾ in $7 50

One doz in cardboard box; wt per doz 1¼ lbs.

SOUTH BEND LEVEL WINDING, ANTI BACK LASH

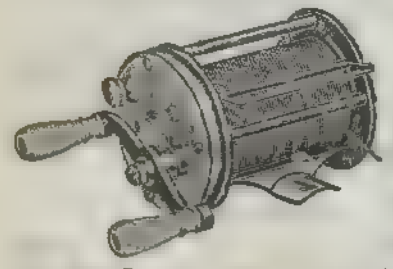
Nickel plated brass frame with double grip black ivoroid riveted to crank. Quadruple multiplying gears of the hunting tooth train type that equalizes the wear on all teeth. Spool bearings run in bronze bushings. Adjustable spool caps. Automatically spools itself, can not back lash, snarl or tangle, winds the line smooth and even.

Each

No. 550—Capacity 100 yds, 18 lb test silk casting line; diam spool 1¾ inches; width 1¾ ins $12 00

One in cardboard box; wt each 8½ ozs.

SOUTH BEND—ORENO ANTI-BACK LASH



Quadruple Multiplying.

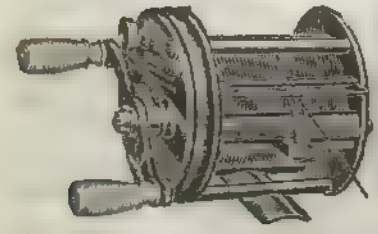
Liberty silver frame, satin finish; white ivoroid handle grips. Can be operated as an Anti-Back-Lash. By adjustment it is converted into a reel of the ordinary type.

Each

No. 900—Capacity 100 yds 16 to 20 lb test silk casting line; diam spool 1½ ins; width 1⅞ ins $14 25

One in cardboard box; wt each 8 ozs.

SOUTH BEND—ORENO LEVEL WINDING ANTI-BACK LASH



Quadruple Multiplying.

Liberty silver frame, bright silvered finish; white ivoroid handle grips. Will not back-lash, snarl or tangle; automatically spools itself winding the line smooth and even. By adjustment can be converted into a straight level winding reel.

Each

No. 1000—Capacity 100 yds 16 to 20 lb test silk casting line; diam spool 1½ ins; width 1¹⁵⁄₁₆ ins. $19 50

One in cardboard box; wt each 9 ozs.

FISHING REELS

SOUTH BEND—ANTI BACK LASH

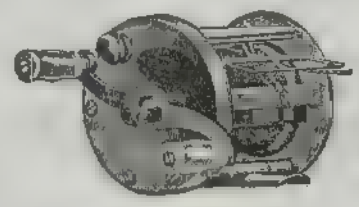
Solid nickel silver frame; special steel gear and bearings. End thrust supported by adjusted jeweled spool-journal; screw off pattern caps. Drawn brass hunting tooth train gearings; tool steel pinion; accurately balanced crank bushed with bronze; hardened tool steel click. Operated by a thumb button on tail plate, actuated by a phosphor bronze spring.

Each

No. 1131—Capacity 100 yds; length of pillars 1⅜ ins; diam of disk 2 ins $21 75

One in cardboard box; wt each 7 ozs.

SOUTH BEND—ANTI-BACK LASH LEVEL WINDING



Quadruple Multiplying.

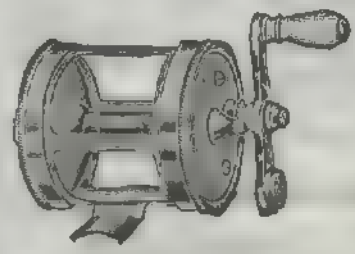
Liberty silver frame, satin finish; screw off pattern. Agate jeweled spool caps, white ivoroid handle grips. Will not back-lash; perfect level winding or spooling device. One casting weight with each reel.

Each

No. 1200—Capacity 100 yds; length of pillars 1⅝ ins; diam of disk 1⅝ ins $43 95

One in cardboard box; wt each 8 ozs.

MEISSELBACH TRIPART



Quadruple Multiplying.

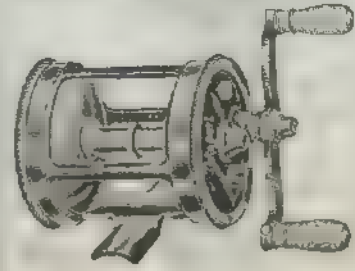
Nickel plated satin finish head and rear plates nickel silver spool. Easily taken apart by unscrewing retaining ring and lifting out parts through the end on which handle is attached. Capacity 80 to 100 yards; diameter spool 1¾ inches; length spool 1⅜ inches.

Each

No. 5-80—Wt each 6¼ ozs $13 20

One in cardboard box.

MEISSELBACH TRIPART



Quadruple Multiplying.

Nickel plated satin finish head and rear plates; nickel silver spool. Easily taken apart by unscrewing retaining ring and lifting out parts through end on which handle is attached. Capacity 80 to 100 yds; diameter spool 1¾ inches; length spool 1⅜ inches.

Each

No. 5-82—With double handles $14 25

One in cardboard box.

Cars fit any coupler and any gauge track

First New York Now Chicago!

The 1930 TOY FAIR SENSATION!

METALCRAFT

TRAIN CONSTRUCTION SETS

The center of interest at the New York Toy Show is now duplicating its triumph in Chicago. Seasoned buyers declare that the Metalcraft Train Construction Set is outstanding—that it has leaped into the select circle of staple toys over night.

A READY MADE MARKET

Boys everywhere will greet these fascinating sets with enthusiasm. Every owner of a railroad track is a preferred prospect as the variety and thrill of construction guarantee him new pleasure and enjoyment.

Set No. 980
Builds five cars.....$1.00

Set No. 981
Builds eight cars 3.00

Set No. 982
Builds twelve cars. 5.00

CHICAGO
TOY SHOW
Room 724
Palmer House

METALCRAFT

TRAIN CONSTRUCTION SETS

5101 PENROSE AVE. ST. LOUIS, U. S. A.

New York Show Room: 200 Fifth Avenue, New York City

Start your letter right: "I saw your ad in PLAYTHINGS."

BING-WOLF CORPORATION
215 Fourth Avenue
New York, N. Y.
The Leaders in High Grade Imported
SPECIALTIES

BING WERKE PRODUCTS
DORCO RUBBER TOYS
AND FLOATS
"Built like a ship in water-tight compartments"
Send for our beautiful new circular printed in full colors

PAUSE AEROPLANES
"Fly the furthest and last the longest"

CHICAGO TOY FAIR
April 28th to May 10th
LEO STRAUSS
WM. VAIL

The Modern Screen-Grid Nine-Tube A. C. Electric Radio

MINERVA

PRACTICAL GIFTS THAT BRING HAPPINESS

"Remember the Tone"

Humless Operation
245 Tube-Push-Pull Audio

MINERVA MODEL No. 7J36

Minerva Console with cabinet of selected Walnut and enriched with overlay of Curly Maple. Exquisitely figured and beautifully grained. Effective in contrast and very attractive and charming in appearance.

Eight tubes including one rectifier, two 245 in Push-Pull and five 227. The popular Magnavox Dynamic Speaker is used in this model. Height, 38½ inches. Width, 26¾ inches. Depth, 17½ inches.

It is of very finest workmanship and finish throughout. Quality considered it is priced very low in this selling. Makes a highly acceptable Christmas or Birthday Gift.

No. 7J39. Minerva Model less tubes. List Price $178.70
No. 7J32. Tube Equipment. List Price 27.90

THE NEW MINERVA RADIO

Just Plug in the Electric Light Circuit and Enjoy Real Radio Reception

Minerva A. C. Stage Shielded Radio Receiving Sets at Factory Prices

For Operation on 50–60-Cycle, 110–120-Volt Alternating Current

The New Minerva Radio is the result of long exhaustive tests with the best materials available on the radio market. It is unlike many other receivers.

It is a brand new set built to fit the new improved A.C. tubes, not merely a redesigned chassis to allow the use of these new and startlingly efficient tubes. The Minerva radio is sold solely on its performance and stability, which after all is the one requirement for perfect radio satisfaction. Only the very best of everything is used in its construction. The tone quality is beyond comparison except with the best. You will marvel at the fidelity with which the programs are brought to you.

All Minerva Radio Receivers are single dial control, merely a knob to turn the dial, and a volume control so simple a child can tune it with ease.

The Minerva Radio has been designed by the best engineering talent available and extensive tests of every nature have been applied to it to prove that it is the outstanding value on the radio market.

MINERVA MODEL No. 7J31
(Closed)

Height, 50 inches
Width, 27½ inches; Depth, 17 inches

THE MINERVA 9-Tube
Screen-Grid Chassis
Completely Shielded

THE MINERVA NINE-TUBE SCREEN-GRID CHASSIS
Completely Shielded

The Minerva Chassis pictured above is a marvel of mechanical and radio engineering skill. It is expertly built of solid steel giving it strength far beyond demand. Every circuit is completely shielded to prevent interstage coupling of any kind. Maximum sensitivity and selectivity are assured. There are four stages of radio frequency amplification, three of which are very sharply tuned, a power detector, a first audio stage, and push-pull 245 tubes in the last or power stage. These tubes insure the wonderful tone quality that make you

"REMEMBER THE TONE"

227 type heater tubes are used throughout giving HUM LESS, trouble free reception at all times. This radio operates on any 110-volt 50-cycle lighting circuit and supplies all power to the 2800 "Ohm" dynamic speaker with which it is used.

Selectivity	Range
Tone	Volume
Ease of Tuning	Quality
Appearance	Exceptional Value

are the salient features which characterize the construction of this popular make.

GREAT SAVING

There's a great saving to be effected in purchasing a MINERVA RADIO, as it is jobbed through Wholesalers only at a slight advance above factory cost. This SAVING is passed to you.

MINERVA MODEL No. 7J31

The Minerva Model No. 7J31 is portrayed to right in both the open and closed models. It is a design of stateliness and unusual charm. The symmetrical and well-balanced cabinet is made of choicest Walnut, exquisitely grained and beautifully figured. The overlays and trimmings, which immensely enhance appearance of cabinet, are of genuine wood carvings.

Nine-tube Receiver, using two screen grid, two 245 in Push-Pull Audio, four 227 and one 280 Rectifier. Powerful Magnavox Dynamic Speaker is used in this model.

Height, 50 inches; Width, 27½ inches; Depth, 17 inches.

In this model you have richness of design, faultless construction and perfect reception—a radio with a rich musical mellow tone which will delight you.

No. 7J31. Minerva Model, less tubes. List Price $202.80
No. 7J28. Tube Equipment. List Price 33.60

MINERVA MODEL No. 7J31
(Open)

Excellent Values in Correctly Designed Radio Cabinets

The Radio cabinets portrayed in the interesting display below are designed for installation of practically all makes of receiving sets. They are manufactured of carefully selected woods and veneers, yet popular in price. Each is equipped with a baffle board for dynamic speakers. Dial panels will be machined to fit your set. Just advise style and model number when ordering and state you want panel bored. These designs are not only artistic, but embody every advanced feature which fosters convenience and service.

Inc. 1889 1930

No. 7Y/1000 RADIO CABINET

You will be proud to possess this attractive radio cabinet at the remarkable low price it is offered at this time. It is sturdily constructed, excellent grade and nicely finished throughout. Width 25¼ inches, depth 15½ inches, height 35½ inches. Speaker compartment 24¼x11¾x13⅜ inches. Chassis compartment 24¼x11¾x13⅜ inches. Walnut veneered cabinet with solid parts fashioned from select gumwood. Slot veneer overlays. Equipped with baffle board, speaker vent decorated with fancy wood scroll and grill cloth and panel which will be machined to fit your radio. Just mention style and model number. Finished in American Walnut dull lacquer.

No. 7Y/1000 Each $30.25

No. 7Y/1001 RADIO CABINET

Same as above except equipped with two-way matched Satinwood veneered sliding doors. This feature changes inside dimensions as follows: Speaker compartment 24¼x11¾x13⅜ inches. Chassis compartment 24¼x11¾x13⅜ inches.

No. 7Y/1001 Each..... $35.75

No. 7Y/1400S RADIO TABLE

This is a most unique Radio Table in that it is manufactured with a speaker compartment. This compartment is equipped with a speaker vent artistically decorated with fancy wood scroll and grill cloth, and a baffle board to accommodate dynamic speakers. Panel will be machined to accommodate your set. Just specify style and Model number. It is a pleasing design with nicely turned legs, of substantial construction and excellent finish. Height 31 inches. Top measures 35¾x15 inches which affords ample room for large or small radio set, especially constructed of American Walnut veneers beautifully grained and cleverly decorated with carvings. Solid parts from select gum cabinet wood. Artistically finished in American Walnut dull lacquer. It is a popular model and very supportive and appropriate as an ideal gift item.

No. 7Y/1400S Each $12.45

No. 7Y/1003 RADIO CABINET

A very unusual charming design of pleasing proportions, the overall size and finish. Width 25½ inches. Depth 15¾ inches. Height 42¾ inches. Speaker compartment measures 24¼x11¾x13⅜ inches, the chassis compartment 24¼x11¾x13⅜ inches. This is a Walnut veneered cabinet with sliding doors faced with two-way matched Satinwood veneer and overlays of straight laid rosewood. All parts are of gum cabinet wood. Equipped with baffle board, speaker vent decorated with fancy wood scroll and grill cloth, and panel which will be machined to accommodate your radio. Just mention style and model number. Finished in American Walnut, dull lacquer. The factory price prevailing is interestingly low.

No. 7Y/1003 Each $41.25

No. 7Y/1002 RADIO CABINET

Same as above except it is of open panel front construction similar to No. 7Y/1000 illustrated to left and does not have the sliding doors. This feature changes inside dimensions as follows: Speaker Compartment 24¼x12¾x13⅜ inches. Chassis Compartment 24¼x12¾x10 inches.

No. 7Y/1002 Each $36.75

PRACTICAL GIFTS THAT BRING HAPPINESS

Ideal as a Christmas or Birthday Gift

No. 7Y/1402C RADIO OR RADIO-PHONOGRAPH CABINET

An artistically designed cabinet of dual purpose. The phonograph drawer measures 25¾ inches in width, 14 inches in depth and 8 inches in height. It rests over and hidden by the doors is the radio chassis compartment which measures 25¼x13¾x10 inches. Directly above the chassis compartment is the speaker space which measures 16¼x13¾x9¾ inches. On either side is a record compartment each of 6¼x13¾x13¾ inches. Phonograph and radio when installed can both be easily connected to your dynamic speaker. Cabinet measures 30¾ inches in width, 14 inches in depth and 44¾ inches in height. Veneered with American Walnut with special figured Walnut doors. Solid parts are gum cabinet wood, finished in American Walnut, dull lacquer. Equipped with baffle board, speaker vent decorated with artistic wood scroll and grill cloth panel which will be machined to fit your radio. Just mention style and model number. This is a very substantial and well constructed cabinet.

No. 7Y/1402C Each $68.75

No. 7Y/1404C CONSOLE RADIO CABINET

A genuinely designed console cabinet fashioned with a drop front and shaped top. This is a high grade radio cabinet which is expertly constructed and finely finished throughout. Length 30½ inches depth 15½ inches and height 38 inches. Speaker compartment 24x13 inches. Chassis compartment 27x13½x13¾ inches. Walnut veneered with solid parts of gum cabinet wood. Carvings and fancy moldings add a pleasing touch. Finished in American Walnut dull lacquer. Equipped with baffle board for dynamic speaker, speaker vent decorated with fancy wood scroll and grill cloth and panel which will be machined to accommodate your particular radio. Just mention style and model number. The drop door when lowered affords a most comfortable arm rest and can also be used as a small desk.

No. 7Y/1404C Each $30.25

F.O.B INDIANA FACTORY

No. 7Y/1403C RADIO OR RADIO-PHONOGRAPH CABINET

Another clever design of dual purpose which will grace the home with charm and prove exceptionally serviceable. The phonograph drawer measures 25¾x14¾ inches. Radio chassis compartment 26¼x13¾ inches, speaker compartment 26¼x13¾x10 inches, cabinet measures 28¾ inches in width 15¾ inches in depth and 32½ inches in height. Equipped with baffle board for dynamic speaker, speaker vent decorated with fancy wood scroll and grill cloth and panel which will be machined to accommodate your particular radio. Just mention style and model number. Butt Walnut veneer front with sliding doors of four-way matched Satinwood veneer.

Other veneered surfaces are American Walnut and solid parts gum cabinet wood. Decorated with rich carvings, moldings and ball turnings. Finished American Walnut dull lacquer. Phonograph and radio when installed can be easily connected to your power speaker.

No. 7Y/1403C Each..... $66.00

New and Attractive Furnishings for the Home

Portrayed below are various practical articles which abide in true harmony with other furnishings in the "Better Appointed" homes. Authorities on interior decorating unhesitatingly advocate the use of such articles.

PLATED SMOKING STAND
Artistic simplicity is just the term to describe the atmosphere often sought. This pattern will certainly find a place among your furnishings where you can perform a real service that bespeaks comfort. It is Plated Polished Brass finish and 5-inch orange glass tray are very effective. Height 26 inches. Packed one in a carton. Weight 10 lbs.
No. 8Z/135 Smoker Each $3.10

MODERNISTIC SMOKING STAND
You will be pleased with this modified modernistic design. First glance convinces one that it is up-to-the-minute in style. A well balanced and sturdily constructed stand in plated Swedish Iron finish. Top has three triangular receivable ash trays and a cigarette lighter handle. Height 28 inches. Packed one in a carton. Weight 12 lbs.
No. 8Z/132 Smoker, Each $6.10

MODERNISTIC SMOKING STAND
This attractive smoker is one of the new designs this season. It is gracefully modernistic in design and very captivating to appearance, of precise workmanship and fit. Plated Swedish Iron or Polished Brass plated finish. Has three receivable ash trays and cigarette lighter. This stand measures 28 inches in height. Packed one in a carton. Weight 12 lbs.
No. 8Z/132 Smoker, Each..... $3.10

ORNATE SMOKING STAND
This design with its rich carvings and lustrous brass details will take up the living room decoration just the piece to place next to the plain Taupe Mohair chair. While outstanding with artful details is the 6 inch black glass bowl shaped ash tray, cigar and matchbox holders strike a real practicability. Polished Brass plated. Measures 28 inches in height. Packed one in a carton. Weight 5 lbs.
No. 8Z 136 Smoker Each $7.55

MODERNISTIC SMOKING STAND
Art and practicability are carefully interwoven into this charming modernistic design with its plated Swedish Iron finish of hammered steel. The glass ball handle; the two black six inch bowl shaped ash trays; the match box holder and holder for package of cigarettes equally express the practical facilities afforded. Height of stand 24 inches. Packed one in a carton. Weight 12 lbs.
No. 8Z/141 Smoker, Each.. $5.50

ROMAN BENCH
In your home express your own individuality. This ornamental, though serviceable Roman Bench will prove attractive and interesting to your friends. Plated finish Polished Brass. Modernistic designed ends with Red Velour cushion seat which is removable very near ok for the bottle is used as a radio seat. Packed one in a carton. Weight 26 lbs. It is stardy built and made to offer a real appreciable service. It is offered at a price which should prove exceptionally interesting.
No. 8Z/925 Bench Each $10.10

COMBINATION CELLARET AND SMOKING STAND
Your hospitality will certainly be more complete and greatly facilitated with the possession of this modern piece of furniture. This combination Cellaret and Smoker has a plated Swedish Iron finish with metal cover or separator, decorated hexagon 13 inch glass top and is fitted with a glass decanter, six individual glasses, cigarette holder, match box holder and ash trays. Height 26 inches. At the low prevailing price you cannot be without one. Packed one in a carton. Weight 35 lbs.
No. 8Z/556 Cellaret and Smoker Each $24.80

MAGAZINE CARRIER
An artistic and practical article for the home. Wrought Iron, all metal two-pocket Magazine Basket. Attractively finished in Polished Brass, plated with decorative work finished in Polished Brass, plated with decorative work on both sides. Height 17 inches. Strongly riveted and braced throughout. It is a genuine basket with prove to be one of the most useful of new household furnishings. Packed one in a carton. Weight 12 lbs.
No. 8Z/782 Magazine Carrier Each .. $7.55

MAGAZINE BASKET
A Metal beautifully finished in your choice of Swedish Iron or Polished Brass, plated. The design contains a wealth of artistic detail which, together with the low prevailing price, makes it an outstanding value. Very charming and graceful. Height 17 inches. Width 12 inches. This rack will hold any size magazine. A most practical gift item. Packed one in a carton. Weight 7 lbs.
No. 8Z 781 Magazine Basket Each $7.65
F.O.B. CHICAGO FACTORY

MAGAZINE BASKET
A very artistic Wrought Iron magazine basket offered at an extremely low price. Heavy banded iron, beautifully finished in Black and Gold lacquered. Two pockets locked ends. Will hold any size magazine. Packed one in a carton. Weight 8 lbs. Will permeate dignity and refinement in the home.
No. 8Z/777 Magazine Basket Each $5.10

New Designs in "Verona" Smoking Stands at Factory Prices

This showing comprises designs which are distinctive and exclusive and of a superior quality. Obtainable in various colors, which are bright, attractive and pleasing, in harmony with the trend of today. The workmanship and finish is of an unusual high character and the prices prevailing are reasonably low.

Distinctive design in ascending of futuristic art moderne. The colors are Carmine Red or Jade Green on base and upper tray and Ebony Black on twisted stem. Has the celebrated "NEVASMOK" ash receiver, a modern method of extinguishing cigars or cigarettes, and eliminating odor or smoke. Upper part of ash receiver is in polished brass underneath. Height, 26½ inches. Base, 9¼ inches. One on carton. Ship. wt., 14 lbs.
No. 9U/1018R Carmine Red. Each $11.50
No. 9U/1018G Jade Green. Each. 11.50

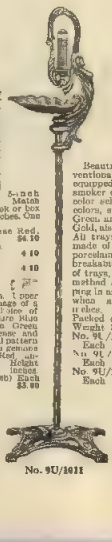
When seated in your easy chair with your favorite cigar or pipe, what could add more comfort than this unique and attractive table smoker. Its uprights are fashioned from formed steel finished in Green, the shelf and frame in Black and Gold and the handles in Red. The 8-inch square decorated glass top with cigarette jar to match is very pleasing. Complete as illustrated. Packed one in a carton, weight, 12 lbs.
No. 9U/1040 Smoker Table. Each $9.55

Beautiful design in art moderne in effective hand-wrought type. This smoker is equipped with a 5-inch colored glass tray. The finish is obtainable in Natural Brass Plate or Pistachio Green with touches of color on base and tray. Height, 30 inches. Base, 10 inches. Packed one in a carton. Weight, 9½ lbs. Very stately design.
No. 9L/1025B Brass Plate. Each $10.25
No. 9L/1025S Pistachio Green. Each $9.10

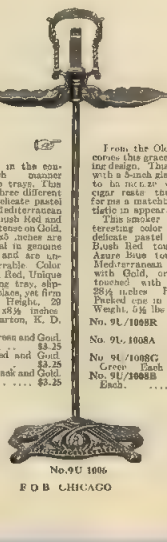
From the trend of the times we received this artistic smoker of the modified modernistic type. This has proved to be a item of acceptable number. The handle rising from the top center is very convenient when moving the smoker from one position to another. Furnished in either Swedish Iron or Brass Plate finish. The cigarette jar is of crystal glass with lacquered top. Complete as illustrated. Packed one in a carton, weight 14 lbs.
No 9U/1020S Swedish Iron Each $8.70
No 9U/1020B Brass Plated Each. 10.25

An exquisite design in a lowpriced manner. Artistic base, lamp, tubing, handle and shell tray is finished in three amazing color combinations of these Red, Ceramina Green, or a pretty Black, richly antiqued with gold high-lights and colored glass trays. Match 7 will take either book or box of shes. Height, 26½ inches. Can be carton.
No. 9U 519HT/R Chinese Red, Each $6.10
No. 9L 519HT/G Green Each 4 10
No 9L 519HT/B Black Each 4 10

Mark me motif in design. Upper part of smoker carries image of a mermaid as shown. Choice of Rush Red and Gold, Azure Blue and Old Mediterranean Green and Gold, or Black Intense and Gold. Any tray of 6 shell pattern in cast metal covered with genuine porcelain in Minerva Red, unbreakable and unmarrable. Height 31½ inches. Base, 7 inches.
No. 9U/1011 (Slate Finish) Each $3.80



Beautiful design in the conventional French manner equipped with two trays. This smoker comes in three different color schemes of delicate pastel colors, such as Mediterranean Green and Gold, Rush Red and Gold, also Black Intense on Gold. All trays size 4½x5 inches are made of cast metal in genuine porcelain enamel, and are unbreakable or unmarrable. Color of trays, Mandarin Red, Unique method of attaching tray, shipping in and out of place, yet firm when attached. Height, 20 inches. Base 6¾x8½ inches. Packed one in a carton, K. D. Weight 8 lbs.
No. 9L /1006G Green and Gold. Each $3.25
No. 9L /1006R Red and Gold. Each $3.25
No. 9U/1006B Black and Gold. Each $3.25



From the Old French School comes this graceful and interesting design. This smoker is fitted with a 5-inch glass tray in colors to harmonize with stand. An cigar rests the handle, which forms a matchbox holder is artistic in appearance and design.
This smoker comes in four interesting color combinations of delicate pastel shade, such as Rush Red touched with Gold, Azure Blue touched with Gold Mediterranean Green touched with Gold, or Black Intense touched with Gold Finish. 28½ inches Base, 9x9 inches Packed one in a carton, K. D. Weight, 5½ lbs.
No. 9L /1008R Blush Red Each $2.80
No. 9L /1008A Azure Blue Each $2.80
No. 9L /1008G Mediterranean Green Each $2.80
No. 9L /1008B Black Intense Each $2.80

"Trianon" smoker of the Old French School. Charming and graceful design. 6-inch glass or hammered copper tray height 27 inches. Spread at base 8¾ inches. Finished in brass plate or Swedish iron enriched with effective touches of color harmony. One to carton. Ship. wt. 7¾ lbs. Fine workmanship.
No. 9U 1013BP Brass Plate. Each $8.85
No. 9U/1013L Swedish Iron. Each. $8.85

No. 9U 519HT — No. 9U/1011 — No.9U 1006 — No. 9U/1008 — No 9U 1013

F O B CHICAGO

ANOTHER BUDDY "L" TRIUMPH

The New BUDDY "L" HAND CAR

Did you See it at the CHICAGO TOY FAIR?

This full size all-steel SIDEWALK VEHICLE is meeting a popular demand.
You should have complete information *right* now... just ask us for it!

BUDDY "L" QUALITY TOYS

MOLINE PRESSED STEEL CO.
Factory and General Offices
East Moline .. Illinois

NEW YORK SALES OFFICE . . .
Room 320 Fifth Avenue Building
200 Fifth Avenue

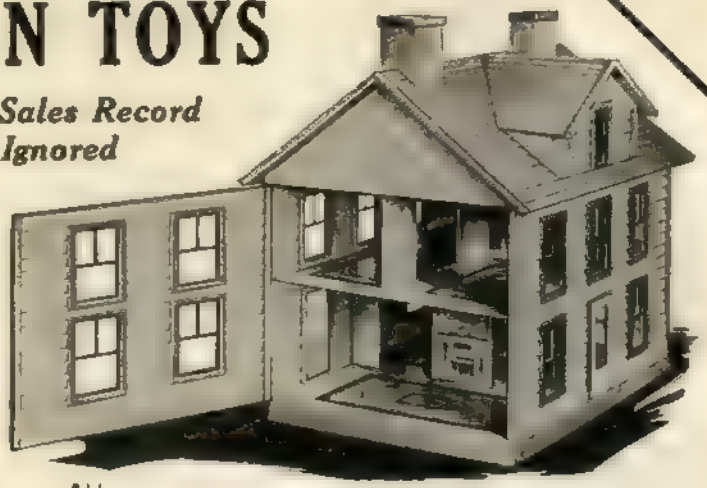
WESTERN SALES OFFICE . . . .
M. SWEYD, 788 Mission Street
San Francisco,

THERE'S ONLY ONE BUDDY L LINE

Start your letter right: "I saw your ad in PLAYTHINGS."

BRINKMAN TOYS

Hava a Successful Sales Record
That Can't Be Ignored



FEATURE THEM THE YEAR 'ROUND AS WELL AS DURING THE HOLIDAYS

THE SKOOTER SKATE!

IT'S HOT!

They're All Talking About the New

BRINKMAN DOLL HOUSES

And no wonder! For at last, here is a line of modern, practical and durable Doll Houses at a sensible price. Made entirely of steel, handsomely finished in bright colors. Every part is carefully and accurately made, easily put together. Don't fail to see these new Brinkman Creations

JUST THE ITEM YOU NEED AT THIS TIME

A new and entirely different toy and this is the season for it. Adjustable for children of from 6 to 12 years of age. Live rubber wheels that eliminate noise.

Ask Us About Our Toy Telephones

with Rubber Cushion

Patent Pending

No. 825 POOL TABLE

"The Pool Table DeLuxe": Rubber cushion. Size 17x4x-11½ in. Triangle. 16 marbles, 2 cue sticks. Packed 1 doz Shipping weight 44 lbs.

See Our Display
Room 420, Hotel McAlpin
During Summer Toy Week

No. 900 BABY RACK

Size 15½x5¾x6¼ in 4 balls Packed 1 doz. Shipping weight 28 lbs

BOWLING ALLEY

Man size for dad and the boy. 48 in. long. Also other sizes. 24 in. and 16 in.

Write for Our New Catalog

The BRINKMAN ENGINEERING CO.

DAYTON OHIO

The Montgomery Lathe

Eight Inch Swing

THE NEW MONTGOMERY LATHE has been designed to meet the wants of a large class of customers who want a good Lathe at a reasonable price. It is made entirely of steel and cast iron. Will turn a piece sixteen inches in length by eight in diameter. The head spindle runs in adjustable bearings, so that it can at all times be kept tight, and is bored with the dead center, and has a ¾ inch hole through it. The new section cone pulley is made to run at one inch *flat belt*, giving much more power than the ordinary step belt run in grooves, as given in all Lathes on sale. The face plate screws on the end of the spindle and the centers are fitted to each. Four steps of belt. Each Lathe is furnished without extra charge with one face plate, two pair centers, one center for turning wood, one step center or drill pad, one bark chuck for holding a small chuck and two T rests. The foot power can be had at any time by ordering the same that we use on our large high-price Lathes. The bearings of the wheels are hard polished and the crank is counterbalanced. The table is of hard wood well seasoned, the edges rounded so that it is easy to move, and the whole is finished in the most thorough manner, and is strong and elegant in design and forms a handsome ornament to the room of the student or the workshop of the mechanic.

Lathe weighs 60 lbs. Stand weighs 130 lbs.

Prices

Foot Lathe, complete, as cut	$35.00
Lathe without the table	14.00
Table alone	7.00
Countershaft	

We are prepared to furnish all kinds of Tools and attachments at the best market price.

Send a list of what you want and we will quote prices promptly.

We charge $2.00 each for fitting chucks to this Lathe.

Slide Rests

No. 8 for Tools ¾ in. x ⅜ in.
Price each $10.00

A well made tool adapted to 8 inch swing Lathes only. Longitudinal motion 5 inch, transverse motion 2¾ inch.

No. 6, for Tools ¼ in. x ⅜ in.
Price each $5.35

Suitable for any Lathe 6 inch to 8 inch swing, as it can be raised or lowered in its socket. Longitudinal motion 3 inch, transverse motion 1¾ inch.

[illegible] Rods, strips or made into wheels.

105 FULTON STREET, NEW YORK CITY
When ordering from this page, mention "MONTGOMERY & CO., 105 Fulton St., New York City."

LATHE TOOL RACKS

This is a very handy and useful appliance to put on any lathe. It is not necessary to drill holes. Just clamp it to the side of the bed. A monkey-wrench is all that is needed to do the job. It provides a place for the tools, wrenches, oil cans, waste and blue-prints. It saves them from being knocked on the floor and they are where you can always find them.

"A PLACE FOR EVERYTHING AND EVERYTHING IN ITS PLACE."

Price, $4.75 Net. **Weight, boxed for shipment, 60 lbs.**

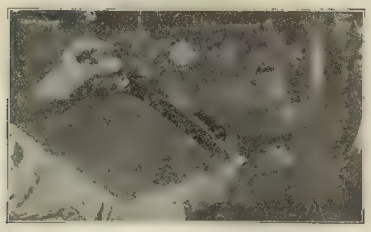
MONTGOMERY & CO., 105 FULTON STREET, NEW YORK CITY
Consult Index. Mention "Tool Monger" No. 30 when ordering from this book.

SCREWS [illegible] list of what you want and get our [illegible]

AUTOMOBILE JACKS L

VEE GEE SPRING JACKS

For the Model A Ford

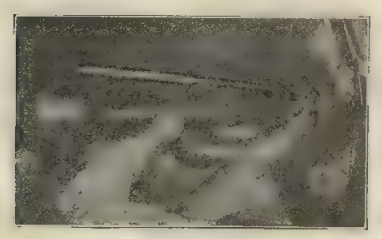


Rear Spring Jack

One-inch case hardened nut operating on three-quarter threaded shaft. Lifter lug is of special gray iron. Tube is seamless and case hardened steel.

The Rear Spring Jack is designed to simplify the removal of and rebushing of the spring shackles without necessitating the use of a hoist. Simply place the wedge on the axle housing with the inclined surface resting against the under side of shackle with the end of tube placed over the top center housing screw head. The nut on the tool shaft is then turned in such a direction as to force lug wedge under shackle, raising it to an exact height and placing the lug shoulder against the shackle, jacking the draw strain so that the shackle can be easily removed with the fingers. This is by far the most efficient and quickest way of doing this operation and requires very little effort.

NO.		EACH
Rear Spring Jack	.....	$5.00



Front Spring Jack

The Front Spring Jack is designed for the same purpose as the rear, only that it operates on a draw and can be used on both Model T and Model A Ford cars. Is quick and efficient for removing shackles, rebushing, etc., without hoisting. To operate remove pin from lug, place on top of axle with inclined surface resting against under side of shackle. Place fork of tool astride axle from underneath, slip rear bar of fork through U in front of front radius rod, align holes in end of fork with hole in lug and insert pin. Point of screw is then turned against radius rod boss underneath as shown in cut until shackle is in position to be removed.

NO.		EACH
Front Spring Jack	.....	$3.75

MOON BROS. ALL STEEL JACK

Here is a sturdy, neat and light all steel jack that is typical of Moon Bros. quality products. Its exclusive features make it stand out as the "Jack of Jacks"—and best of all it is priced right; just the kind of "buy" the average car owner wants. You'll like it.

Specifications

Capacity, one ton; lifting range, 8½ to 14½ in.; weight, without handle, 3 lbs. Jack is finished in black enamel. Handle is our round edge planished steel, finished in black enamel. This thorough finish makes the Moon Bros. No. 202 All Steel Jack as beautiful as it is efficient. Gross weight of 100, 435 lbs.

NO.		EACH
202	.....	$1.00

Packed 50 and 100 to the case.

A double-screw ball bearing balloon jack, for any weight of passenger car and any size of balloon or standard tire. Jack extended to full height 15½ in. Will raise the largest of balloon tires clear off the ground.

NO.	Cap. Ton	Ht. In.	Raise In.	lb Each		EACH
999	2	7½	8¼	10	..	$3.00

Packed as wanted.

Eureka

This jack is the same design and construction as No. 1E with the exception that it is heavier and of greater capacity.

NO.	Cap. Ton	Ht. In	Raise In.	lb Each			EACH
5E	5	13	8	15	.	....	$6.00

L JACKS

REES

200 Rees

215 & 220 Rees

The 200 Series have a double range with single lift malleable iron bevel gear drive screw jacks with adjustable bases one turn of the handle raises the jack to the axle. Are geared to operate easily, long crank handle, folds for the tool box.

NO.	Cap. Tons	Min. Hgt. In.	Max. Hgt. In.	Lbs. Ea	Std. Pkg.	EACH
200	1	7¼	15¼	7¼	12	$3.30
215	1½	7 15/16	18 7/16	16	6	7.15
220	2½	8¼	18½	18	6	8.85

All of these jacks embody Rees principle of double worm gear which allows of great lifting capacity and range with minimum weight and effort of operation.

7

8

Strong yet light, compact and easily operated models, particularly adapted to automobile use. Have 4-foot folding handles.

NO.	Cap. Ton	Ht. In.	Raise In.	lb Each	EACH
7	1	9¾	6	9½	$6.00
8	2	10¼	5¼	13	9.00

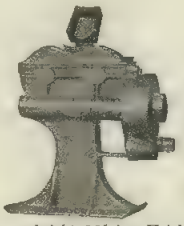
One in a box.

REES

No. 5A and 2A are for the ½ and 1-ton pneumatic tired speed wagon, or extra heavy passenger car service. Equipped with ratchet and step.

NO.	Cap. Ton	Ht. In.	Raise In.	lb Each	EACH
5A	2½	10¾	6	14	$11.00
2A	4	10¾	6	22	13.50

One in a box.



Capacity, 4 tons; height, 10¼ in. Height with cap, 11¼ in. Lift, 6¾ in. Weight (with handle), 30 lbs. Stand. pkg. 6 jacks. Weight of pkg. 190 lbs.

Made especially for buses, after exhaustive tests and extensive investigation of bus requirements. Suitable for road or shop use. Operates with substantial telescoping crank handle measuring 40 in. from crank to jack—longer handle can be furnished at slight increase in cost.

NO.	Cap. Tons	Ht. In.	Lift In.	Lbs. Each	EACH
12	4	10¾	6¾	50	$16.00

No. 3A is a truck jack, and lends itself particularly to truck and garage use.

NO.	Cap. Ton	Ht. In.	Raise In	lb Each	EACH
3A	6	12¾	6	27	$17.50

Old Morgantown Glass

Barcelona Etched Pattern
Crystal Bowl, Green Stem and Foot

Marilyn Etched Pattern
Good Quality Crystal

Barcelona Etched Pattern

Crystal Bowl, Green Stem and Foot

		per. doz.
A	Goblet	$14.66
B	Saucer Champagne	14.66
C	Footed Ice Tea	14.66
D	Footed Lemonade	13.46
E	Cocktail	13.94
F	Finger Bowl	14.66
G	7¼" Salad Plate	16.70

Marilyn Etched Pattern

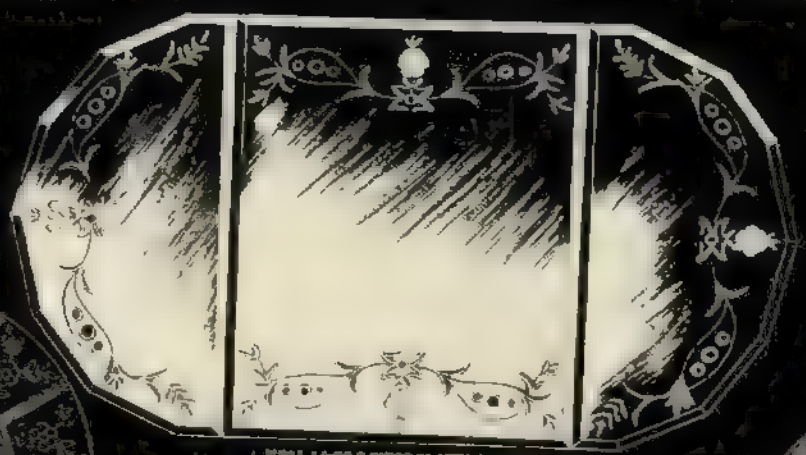
Good Quality Crystal

		per doz
H	Goblet	$13.10
I	Saucer Champagne	13 10
J	Footed Ice Tea	13.10
L	Footed Lemonade	12.10
M	Cocktail	12.50
N	Finger Bowl	13.10
O	7¼" Salad Plate	19.00

Newton's Rock Crystal Cut

Ringing Crystal—Bowling Green Pattern

A7633 GOBLET, $22.50 DOZ.



K8102 2½-OZ. $21.00 DOZ.

W8791 12-OZ. ICE TEA, $33.00 DOZ.
W8791 10-OZ. JUICE, $27.00 DOZ.

W1182 CREAM & SUGAR, $4.00 EA.

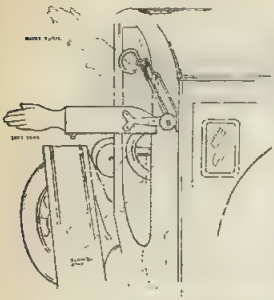
K81 3-PIECE PLATEAU, $16.75

L33 SALAD PLATE, $37.50 DOZ.
W30 CREAM SOUP, $34.50 DOZ.

W1182 BREAD & BUTTER, $16.50 DOZ.
G500 14" CHOP PLATE $18.00 EA.

L

HAND SIGNALS



Bussey

This signal is made for hard truck service. Simple to operate and will stay in any given position until released by the operator. The signal is constructed of steel with bronze ratchet quadrant. The arm is 20 in. long, formed from 18 gauge sheet reinforced. Black japanned bracket with nickeled handle, black japanned arm with flesh colored hand.

NO	lb Each	EACH
316	3½	$5.50

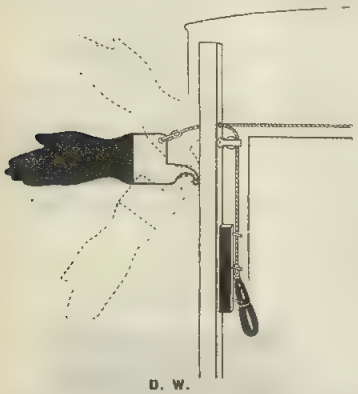
For Closed Cabs

NO.	Lgth. In	EACH
2	5	$10.00

Extension for Above

No.	Length In.	lb Each	EACH
0	12	¼	$1.00
00	16	⅜	1.00

Packed as wanted.



D. W.

The D. W. Safety Signal fits any style of cab, simply in operation, operates from the inside, lasts indefinitely. Nothing to get out of order, both hands are free for steering. Same signal can be operated from left or right hand drive. Legal everywhere.

NO.	Lbs Ea	EACH
12	12	$3 50
20	20	3.75
27	27	4.00
33	33	4.25

WINDSHIELD WIPERS

McCONNELL—ELECTRIC

Operates from battery, assuring uniform speed under all driving conditions.

Requires no more current than headlight bulb.

A powerful electric motor operates an extra long wiper, cleaning an arc 21 inches wide approximately two-thirds of the windshield, giving the driver ample vision to observe traffic approaching on his right.

Mounted above windshield frame, wiper stays up out of range when not in use, preventing obstruction of driver's vision.

The only type that can be operated while the car is parked with engine idle.

Easily installed. One-hole installation. No holes to drill in windshield frame.

Model C—Inside Mounting

Fits all cars where offset above frame of windshield does not exceed 1½ inches.

NO.	Style	Volts	lb Each	EACH
CI	Std.	6	3	$5.00

Model C—Outside Mounting

NO.				EACH
CO	Std.	6	3	$5.50
CF	Model A Ford	6	3	5.50

McConnell—Electric—Double

Double wiper for swinging or vertical type windshield wiper. Will cover twice space covered by single wiper.

NO.	Style	Volts	Wt. Each	EACH
D	Univ.	6	4 lb	$10.00

Extra Parts for McConnell Wipers

NO.	Part	Style	lb Each	EACH
7	Wiper	Std.	¼	$0.30
9	Arm with holder	Std.	½	.50

All packed one in a box.

WARNING SIGNALS

L

MOTOR DRIVEN HORNS

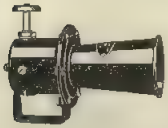
Klaxon

One of the most popular warning signals. Motor driven, compact and sturdy. Has a surprisingly powerful tone. Length, 10¼ inches. Furnished with either motor or dash mounting brackets. Baked black enamel finish.

NO.	Volts	Lgth. Over All In.	Bracket	lb Each	EACH
8-8M	6	10¼	Motor	6¾	$3.50

One in a box; 10 in a carton.

HAND HORNS



Klaxon

Hand-operated with vertical push rod. Same principle as the electric Klaxons and has the same commanding note. Dependable, sturdy, and durable.

NO.	Lgth. Over All In.	lb Each	EACH
3V	8	4¼	$4.00

One in a box; 10 in a carton.

Klaxon

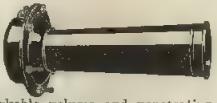
Horizontal push rod, in every other respect the same as No. 3V.

NO.	Lgth Over All In.	lb Each	EACH
3	8	4¼	$4.00

One in a box; 10 in a carton.

HIGH FREQUENCY HORNS

Klaxon



A quality warning signal of the high-frequency type 12 inches long. Finished in high-gloss, baked black enamel and has a smooth, stinging vibratone of remarkable volume and penetrating power. Furnished with motor mounting bracket for operation on either 6 or 12 volts; black finish only.

NO.	Volts	Lgth. Over All In.	lb Each	EACH
11-8M	6	12	3¼	$1 00

MOTOR DRIVEN SIGNALS

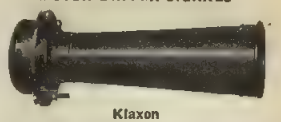
Klaxon

A thoroughly dependable motor driven instrument with exceptional volume—a warning signal that will meet all needs. For quality and volume of tone and reliability of operation, it is unequalled by any other horn in its price class. Furnished with either the motor or dash mounting bracket. Length, 12¾ inches; finish, baked black enamel only.

NO.	Volts	Lgth. Over All In.	Bracket	lb Each	EACH
12C-8M	6	12¾	Motor	5¼	$5.00
12C-8T	6	12¾	Tripod	5¼	5.00

One in a box; 10 in a carton.

MOTOR DRIVEN SIGNALS



Klaxon

Quick acting, reliable, commanding, finds a ready market. High frequency (or magnetic) type with a sharp, stinging note. Sturdy construction. Length, 14 inches. Baked black enamel finish only. Furnished with motor bracket. Six or 12 volt types.

NO.	Volts	Lgth. Over All In.	lb Each	EACH
14	6	14	3¾	$4.00

One in a box; 10 in a carton.

HORN MOUNTINGS

Motor

Ajax, Buick Std. Six, Cadillac, Chandler, Dodge—12 volt, 1 wire, Dort—4 cylinder, Ford—1 wire, Ford, Gardner, Hudson, Hupmobile, Jewett, McFarland, Maxwell—before 1922, 12 volt, Maxwell—1922-23, 6 volt, Nash, Oakland, Overland, Peerless, Star, Wescott, White, Willys Overland.

Tripod Dash

Buick Master Six, Chevrolet, Cleveland, Cole, Dort 6 cylinder, Durant, Essex, Kleiber, Moon, Nash 4 & 6 cyl., Oldsmobile, Willys-Knight.

Specify whether motor or tripod mounting is wanted.

MOTOVOX WARNING SIGNAL

For the Automobile

To be mounted on rod between headlights. Weight 3¾ lb. Packed five to a carton.

NO	EACH
747	$9.50

MOTO-VOX HORN

High frequency horn made to hang between the head lamps.

NO.	EACH
9	$9.50

LEADER

All Black Enamel finish.

NO.	Length In.	Dia. In.	lb. Each	EACH
L	12	5	3	$2.50

Packed 20 in a carton

CHICAGO TOY FAIR

MORRISON HOTEL ROOM 737
Ed. Steiner, Rep.

STUFFED TOYS & TEDDY BEARS

FOR JOBBERS, DEPARTMENT STORES, CHAIN STORES AND CONFECTIONERY TRADE

Featuring

Rayon Crushed Mohair and Long Pile Plushes

New York Stuffed Toy Co., Inc.

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From **50c** *Retail Up*

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YOU play it with PROFITS

No other new Game has ever received such a tremendous reception. It fascinates, thrills and educates.

Every sale means a dozen encores.

80 MILLION MOVIE FANS are eager buyers. We are tipping them off in Movie and General Magazines for your benefit.

It's the old KEENO or LOTTO with a modern slant. Contains eight large Keeno cards, 16 Stars on each, eight large Movie Star Photographs and 48 Movie Star Calling Cards. Nationally advertised in Photoplay, Motion Picture, Smart Set, American Legion, The Tourist and T. P. A. Travel Magazines.

Post Yourself on this New Game—Write for Sample and Catalog of other Games

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We appreciate you courtesy in mentioning PLAYTHINGS

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HEALTH BALL

Is One of Your Best Bets
For Spring and Summer
Hurry Your Order Along Now!

The Ball with the BOUNCE!

Moulded from Best Grade Auto Tire Stock
Guaranteed Against Deflation
In Your Stock for 9 Months

The Nation's Most Popular RUBBER BALL

E-ZEE TREE CLIPS

are the most practical and best selling articles of their kind. Make a note now to get your 1930 order in early.

Year after year the sale of WEAVER HEALTH BALLS continues to increase. Plan now to feature these dependable sellers during the coming outdoor season. There's a size for every pocketbook and the retail price range of 25c to $3.00 is right for every class of trade. Get your order off today.

See Us at the Chicago Toy Fair
Palmer House ROOM 726

C. B. WEBB COMPANY
39 NORTH 2nd STREET PHILADELPHIA, PA.

1870 To 1930—And Selli ng Better Than Ever!

M. REDGRAVE'S NEW IMPROVED ORIGINAL

PARLOR BAGATELLE

Made in Seven Sizes

Pegatelle

Redgrave's Bagatelle is one of the few games that you played as a boy that continues to keep pace with today's best selling games. It is as necessary to the game department as sugar and coffee to the grocery store. Each game is individually packed in eye-catching display boxes and retails at prices well within the reach of everybody.

And an Entirely New Game Hit

"PEGATE LLE"

To Retail at $3.00

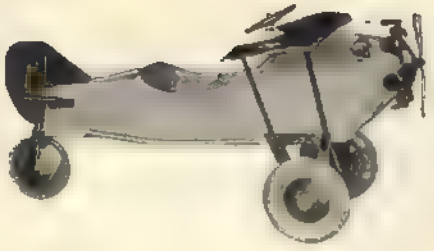
Here is a new hilarious fun producer consisting of a large red, white and blue clown with an opening in his throat to admit balls skilfully tossed by the players. A series of wooden pegs down the entire front of the figure introduces the element of chance in determining the amount scored. Any number can play. Packed in individual display boxes.

CHICAGO TOY FAIR ROOM 783 PALMER HOUSE

M. Redgrave's Bagatelle Co.

Mfrs. of Original Bagatelle Since 1870

5 Lienau Place Jersey City, N. J.



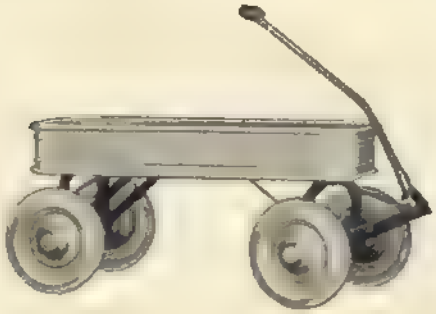
The complete Murray-Ohio Steelcraft Line of pedal propelled vehicles and miniature pull-toys offers you a full measure of value, salability and purchasing convenience.

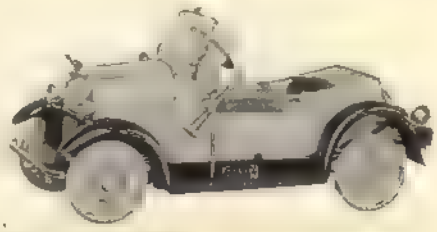
Steelcraft standards of design, workmanship and materials are recognized for their high quality and unusual value.

During the New York Toy Fair, June 9th to 14th, the Steelcraft Line will be on display at Room 518. Fifth Avenue Building, 200-5th Avenue, New York City. You are cordially invited to visit the Steelcraft display at this time. The complete line will be on display.

THE MURRAY-OHIO MFG. CO.
1115 East 152nd St., Cleveland, Ohio

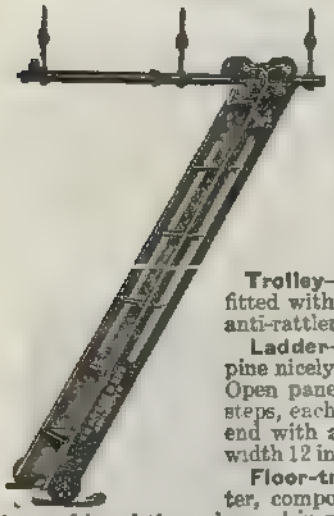
PERMANENT DISPLAYS
200 Fifth Ave., New York City—1040 American Furniture Mart, Chicago
788 Mission St., San Francisco





STORE LADDERS

MYERS'



Track—double angle steel rail, suspended from ceiling by means of lag screws, either jointed or rigid, or by flanged plates and wood screws. By this means the track is placed close to the ceiling and can be leveled on an uneven ceiling without the least trouble and without any blocking or bridging.

Trolley—self-adjusting, malleable iron, fitted with turned steel bearings, 3 inch anti-rattler wheels with rubber tires.

Ladder—constructed of clear Georgia pine nicely finished, filled and varnished. Open panel sides 5 inches wide, 5 inch steps, each step being supported at each end with a special malleable dowel-tee; width 12 inches.

Floor-travelers—5 inches in diameter, composed of metal sides with rubber cushioned tires, clamped in such a position as to be impossible to come loose or work off. They are laced on a steel axle which revolves with one of the wheels, the other running loose. In this manner the ladder will adjust itself to the floor.

In ordering, observe the following instructions:
1st.—Give exact perpendicular height from floor to ceiling.
2nd.—Give entire length of track required.

	Each
No. 1ML—Ladder and hanger, complete without track; for ceilings 14 ft or less in height; wt each 60 lbs	✦$66 00
	Per Ft
For each additional foot of ladder or fraction there of for ceilings in excess of 14 ft	$3 60
	Per Ft
No. 1MT—Track and hanger bolts; wt per ft 2½ lbs	✦$0 93

Shipped wrapped with castings protected by cleats.

MILBRADT'S

Made to order, any shape and length necessary to fit shelving, of good oak lumber, in the best possible workmanlike manner, finished in first class style. They are made in various styles to suit all kinds of shelving.

Bent Shelf Ladders.

Runs on steel track; has rubber rollers attached near the lower end that run against the edge of base shelf; nickel plated malleable iron trimmings.

The track should be fastened to a shelf that is about 3 feet from the top.

In ordering, observe the following instructions:
1st.—Give the exact height from floor to top of ledge.
2nd.—Give the exact width or projection of base shelf.
3rd.—Give the exact perpendicular height from the top of ledge to the top of shelf to which track is to be fastened.
4th.—Give entire length of each run of track and number of uprights for each run.
5th.—Give dimensions of uprights, also distance of uprights from center to center.
6th.—State if uprights are straight faced or turned spindle.

	Each
No. 1—Complete with fixtures; wt each 50 lbs	✦$66 00
Steel Track.	Per Ft
No. 8—Steel track for brackets not over 4 ft apart; complete with brackets and screws; wt per ft 1 lb.	✦$1 14

Ladders and track crated.

✦Myers—F. O. B. Ohio Factory Only.
✦Milbradt's—F. O. B. Missouri Factory Only.

STORE LADDERS

MILBRADT'S

Trolley Ladder.

Has a suitable fixture with wheels at the top that run on a track, fastened to the ceiling. It also has attached at the bottom cushion tired wheels that run on the floor. This ladder is very strongly built and is especially adapted for hardware stores or any place of business where heavy goods are handled.

This ladder can be made to operate on any possible kind of curve by using special swivel wheels and track curves.

In ordering, observe the following instructions:
1st.—Give exact perpendicular height from floor to ceiling.
2nd.—Give entire length of track required.

	Each
No. 15—Complete with fixtures; wt each 50 lbs	✦$66 00
Steel Track.	Per Foot
No. 11—Ceiling or trolley track; complete with brackets and screws; wt per ft ½ lb	✦$1 14
	Per Ladder
Extra For Swivel Wheels	$8 25
	Per Curve
Extra For Track Curves	$6 75

Ladders and track crated.

MILBRADT'S

Bent Ladder.

Intended for shelving that is not very strong, as most of the weight rests on the floor. This ladder runs on a hardwood track fastened to shelving near the top to guide it and has attached at the bottom cushion tired wheels that run on the floor, but no track is used on the floor.

The track should be fastened to a shelf that is about 3 feet down from the top.

In ordering, observe the following instructions:
1st.—Give the exact height from floor to top of ledge.
2nd.—Give the exact width or projection of base shelf.
3rd.—Give the exact perpendicular height from the top of ledge to the top of shelf to which track is to be fastened.
4th.—Give entire length of each run of track and number of uprights for each run.
5th.—Give dimensions of uprights, also distance of uprights from center to center.
6th.—State if uprights are straight faced or turned spindle.

	Each
No. 2—Complete with fixtures; wt each 50 lbs	✦$66 00
Wood Track.	Per Ft
No. 7—No brackets needed; complete with screws; wt per ft ½ lb	✦$0 99

Ladders and track crated.

✦F. O. B. Missouri Factory Only.

A Size to Fit Each Purse

The Best Doll That Is Made

THE CHASE STOCKINET DOLL

A glorified rag doll. A high grade doll made of the best materials and with the best workmanship. A doll that children love the best of all dolls.

CHASE STOCKINET DOLL TRADE MARK.

M. J. CHASE, PAWTUCKET, R. I.

EASTMAN LINE CHILDREN'S FURNITURE

EASTMAN LINE
CHILDREN'S FURNITURE

KNOWN FROM COAST TO COAST FOR

QUALITY AND SERVICE

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Uhlen Carriage Co., Rochester, New York
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Madmar Puzzles

(NATIONALLY ADVERTISED)

entertain and educate

MADMAR PUZZLES

are made for all ages

Send for Catalog

MADMAR QUALITY COMPANY

UTICA, NEW YORK

D 2

HOG RINGERS AND RINGS

WOLVERINE RINGERS

Japanned cast iron, wrought iron rivet at joint. For Wolverine rings Nos. W1 and W2.

Per Doz

No. 10—Length 7¾ ins $5 40

Half doz in cardboard box; wt per doz 9 lbs.

WOLVERINE RINGS

Stamped from sheet steel, coppered.

Per Doz Boxes

No. W1—For pigs $4 65

No. W2—For hogs 4 65

One hundred in cardboard box, one doz boxes in package.

BLAIRS RINGERS

Japanned cast iron, closes all Blair rings.

Per Doz

No. 58—Length 7 ins $6 00

Half doz in cardboard box; wt per box 3 lbs.

BLAIRS RINGS

Coppered soft steel wire; circular shape when closed.

Per Doz Boxes

No. 81—Pig Rings 100 in box $3 45

No. 28—Hog Rings 100 in box 3 45

One doz boxes in pkg; wt about 6 lbs

STEWART RINGERS

Malleable iron, reinforced at all points. The adjusting screw is equipped with a lock nut which enables the user to lock the screw after it is properly adjusted.

Per Doz

No. 57—Length 7¼ ins $7 20

One doz in cardboard box; wt per doz 7½ lbs.

STEWART RINGS

Standard.

Coppered steel wire; triangular shape when closed. On the front of the ring is welded at right angles a piece of same size wire which is of sufficient length to cover the snout. When the animal lifts on a wire it slides down the snout and engages the cross piece, or in rooting comes in contact with the ground, which causes temporary pain.

Per Doz Boxes

No. S1—Pig Rings 24 in box $6 30

No. S2—Shoat Rings 20 in box 6 30

No. S3—Hog Rings 12 in box 6 30

One doz boxes in pkg; wt per doz 3 lbs.

Special.

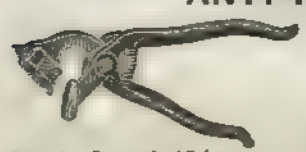
This ring differs from the standard ring in having the bar bent outward and standing parallel to the ground in place of horizontally when attached in the snout. The only device that will sucessfully stop hogs from catching chickens.

Per Doz Boxes

No. S4—Hog Rings 12 in box $22 50

Three doz boxes in shipping case; wt per doz 3 lbs.

ANTI-ROOTERS



NEW IDEAL

Blades are of oil tempered steel, with copper base or anvil to cut on; aluminum finish.

Does not injure the nerves of the snout or rooter.

Per Doz

No. 1—Length 12 ins $33 00

One in cardboard box; wt per doz 24 lbs.

HOG TONGS

HILL'S PATTERN

Malleable iron, japanned and painted; suitable for all size hogs.

Per Doz

No. 2—Length 14 ins; width between jaws 3 ins $12 75

Half doz in cardboard box; wt per doz 16 lbs.

PIG FORCEPS

PRATT'S

Best quality steel, nickel plated and polished.

Per Doz

No. 10—Length 14 ins ..... ✣$38 25

One in cardboard box; wt per doz 8 lbs.

MEDICATED SALT BRICK

DR. BLACKMAN'S

Live stock conditioner and tonic.

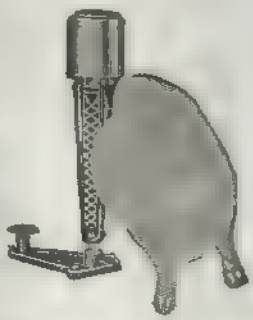
Per Doz

No. 5BMSB—Size 2⅝x3⅝x7 ins $6 60

One doz in fibre board container; wt per doz 35 lbs.

HOG OILERS

NATIONAL AUTOMATIC



Built entirely of solid cast iron.

Distributes the oil on the belly and in the arm pits as well as on the backs of large and small hogs

Each

No. N5—Oil capacity 1½ gallon; height over all 35 ins ..... ✣$29 25

Crated; shipping wt each 50 lbs.

BULL RINGS

THE NEW IDEAL

Polished copper, self piercing; to insert, back small screw out until it is clear of the lower half of the ring, open the ring up and insert in the animal's nose.

Per Doz

No. 10—Diam of bowl 2½ ins $10 20

Half doz in cardboard box; wt per doz 8¾ lbs.

STANDARD

Polished copper; 5/16 inch metal, with set screw joint, fastener and steel wire screw driver.

Nos.	4	5	6
Diam ins	2	2½	3
Wt per doz, lbs	1¼	2¼	2⅞
Per Doz	$6 45	8 10	8 85

One doz in cardboard box.

ALUMINUM

Light and strong; 5/16 inch metal, with set screw joint, fastener and wire screw driver.

Per Doz

No. 51—Diam 2½ ins $7 35

One doz in cardboard box; wt per doz 1 lb.

SELF-PIERCING

Polished copper; complete with set screw and wire screw driver.

Per Doz

No. 50SP—Standard Pattern, 5/16 in. metal; diam 2½ ins $9 15

No. 60SP—Extra heavy pattern, ⅜ in. metal; diam 3 ins 13 50

One doz in cardboard box; wt per doz about 1½ lbs.

✣No. 10—F. O. B. Illinois Factory Only.

✣No. N5—F. O. B. Indiana Factory Only.

STRIKING BAG PLATFORMS

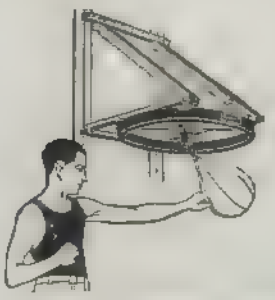
TEX

Walnut frame, with hardwood rim; natural finish. Rim attached to frame by strong metal japanned stirrups; fitted with springs between frame and rim, which eliminates much of the jar and vibration and makes the platform practically noiseless.

Price Does Not Include Bag.	Each
No. 90—Diam rim 23 ins	$15 45

Packed loose; wt each 10 lbs.

NONPARIEL



Hardwood frame, securely bolted, finished in a medium dark oak stain.

Rebound ring made of a flat band of steel, black enameled; lower end formed into a rounded angularly disposed in-turned flange, which possesses the necessary resiliency to effect a rapid rebound of the striking bag. Especially suitable for home use; platform can be attached to any wall or post.

Price Does Not Include Bag.	Each
No. 2—Diam of rim 23 ins	$11 25

One in carton; wt each 13 lbs.

EXERCISERS

WHITELY

HAND GRIPS

Steel spring, highly polished; black enameled wood handles. Handles securely screwed to steel parts.

	Per Pair
No. 26—For individual or class use	$3 30

One pair in cardboard box; wt per pair 1 lb.

Elastic.

Consists of a pure gum cable of many strands, covered to protect it from the weather, adjustable handles and swiveled attachments, running over noiseless and cone-bearing adjustable pulleys. Arranged as to be readily suspended in various positions on small hooks attached to door jam, window casing or any other convenient wood work. Strong steel wire hooks. No straps to buckle; no weights to change; resistance self-adjustable.

	Each
No. 00—Medium cables; black japanned wood pulleys; wt each 16 ozs	$ 4 35
No. 0—Medium and heavy cables; black japanned wood pulleys; wt each 20 ozs	6 60
No. 1—Medium and heavy cables; bright pressed steel pulleys; wt each 25 ozs	8 85
No. 2—Heavy cables; highly polished wood pulleys; wt each 27 ozs	10 95

One in cardboard box.

EXERCISERS

WHITELY

SPRINGS

Heavily nickel plated, oil tempered steel spiral springs; steel handles, ebony finished grips. Convenient loops fitted to each end of springs and can be easily changed from a wall exerciser to a chest pull; with safety chain and hooks.

	Each
No. 6—Medium	$6 60
No. 7—Heavy	7 65

One in cardboard box; wt each 2½ lbs.

PITCHING SHOES

ALLITH, Guaranteed Not To Break.

Malleable iron, perfectly balanced and correctly designed. To distinguish the shoes in playing, the numbers 1 and 2 are cast in them; the No. 1 shoe being finished in black and No. 2 in red. Complete with official pitching rules.

Nos.	Black	Red
	D6301	D6302
Wt per pair, lbs	5	5
Per Pair	$2 25	2 25

One pair in cardboard box.

PITCHING STAKES

ALLITH Per Pair

No. D6200-2—Malleable iron, black finish; diameter 1 in; length 20 ins $3 30

One pair in cardboard box; wt per pair 7¾ lbs.

PITCHING HORSE SHOES

NATIONAL STANDARD
Standard Regulations, Size and Weight.
Guaranteed for one year.

Dropped forged, all in one piece, correctly designed, perfectly balanced and tempered by a new heat treating process which insures against breakage and bending. Smooth polished finish

Nos.	D2-4	D2-4½	D2-5	D2-6
Wt pair	4 lbs 8 ozs	4 lbs 9 ozs	4 lbs 10 ozs	4 lbs 12 ozs
Per Pair	$5 25			

Nos.	D2-7	D2-7½	D2-8
Wt pair	4 lbs 14 ozs	4 lbs 15 ozs	6 lbs
Per Pair	$5 25		

One pair in cardboard box.

PITCHING STAKES Per Pair

No. D301 Wrought steel, black finish; length 30 ins; diam 1 in $4 05

One pair in bundle; wt per pair 18 lbs.

BICYCLES

Electric Lamp is fitted with snap on and off switch on front of battery box, easy to reach from saddle.

—BLUE GRASS—MEN'S MOTORBIKE DE LUXE MODEL—FULLY EQUIPPED

Beautifully finished in attractive colors and striped. Equipped with tool tank, electric light, horn, luggage carrier, all enameled to match and nickel plated tire pump. Handle bars and saddle are of the new Motorbike type and appeal to everyone. The drop bar frame allows seat adjustment.

Handle bars adjustable and are securely braced by cross bar. The tool tank between bars is large and roomy providing ample space for carrying wrenches, tire repairing material, etc.

Description.

Frame—1 inch seamless, steel tubing.
Sprocket—Front 26 tooth; rear 10 tooth.
Coaster Brake—New Departure.
Wheel Rims—28 inch; 36 spokes in both (steel clincher rims) wheels.
Chain—Diamond roller.
Mud Guards—Heavy drop sides.
Stand—As illustrated.

With Blue Grass No. BG021 Trade Mark Tread G&J Style Clincher Tires.

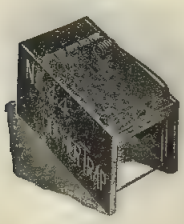
	Each
No. BG-01RE-$^{21}/_{19}$—Finished in ox-blood enamel, striped in black and white	$107 25
No. BG-01BE-$^{21}/_{19}$—Finished in blue enamel, striped in black and white	107 25

One in crate; average shipping weight 65 lbs

The most popular type Bicycle of today is the Motorbike. More and more children as well as grown-ups are using them.

TRAPS

GOPHER

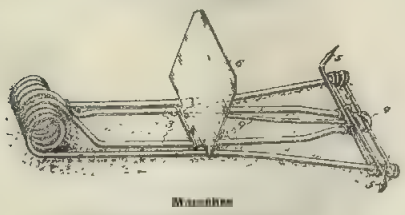


California Pocket

Wood box 3¼x3x6¾ in., coppered steel wire spring. Never fails to catch if properly set.

NO.	Wt. Doz.	DOZEN
44	10 lb.	$4.25

Twelve dozen in a case.



Steel spring wire, japanned.

NO.	Wt. Doz.	DOZEN
2	8 lb.	$3.00

Two dozen in a carton.

BEE SMOKERS F

Bingham's Direct Draft

Bellows made of selected wood and sheep skin, barrel and removable funnel of heavy tin.

Conqueror

NO.		Barrel	DOZEN
1	Conqueror	3x7 in.	$28.00

Doctor and Smoke Engine

NO.		Barrel	DOZEN
8	Doctor	3½x6½ in.	$35.00
4	Smoke Engine	4 x7 in.	40.00

Little Wonder

NO.		Barrel	DOZEN
5	Little Wonder	2½x6 in.	$24.00

GOPHER GUN

Never-Fail

Kills gophers, moles, rats, squirrels and all burrowing pests. Positive destruction. Avoids cruelty. Gun uses .38 S. & W. blank. Concussion kills every time. Four guns mounted on display card.

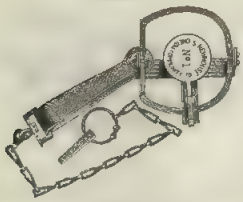
NO.	Length In.	lb. Doz.	DOZEN
38	8½	8	$24 00

One dozen in a carton.

F

TRAPS

GAME



Newhouse

Wrought bolted frame, single spring, with flat link steel safety chain.

NO.		Spread	Wt. Doz.	DOZEN
0	Rat	3½ in.	5½ lb.	$ 6.00
1	Muskrat	4 in.	7½ lb.	7.50
1½	Mink	4½ in	11½ lb.	11.50

Bear

Wrought bolted frame, extra heavy with offset jaws; heavy wrought chain on base bar, heavy double spring for bear.

NO.	Spread	Wt. Doz.	DOZEN
5	11½ in.	228 lb.	$215.00

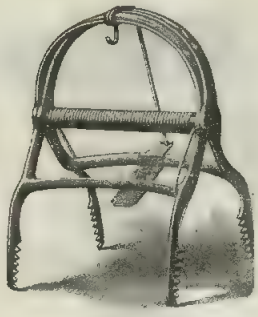
Heavy wrought bolted frame, double spring, with flat link steel safety chain.

NO.		Spread	Wt. Doz.	DOZEN
2	Fox	4½ in.	17 lb.	$17.00
3	Otter	5½ in.	28 lb.	23.00

Heavy wrought bolted frame, double spring, with flat link steel safety chain.

NO.	Spread	Wt. Doz.	DOZEN
4	6½ in.	33 lb.	$28.50

MOLE

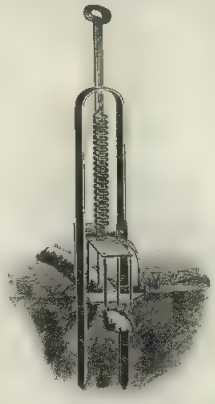


Out-'O-Sight

Malleable iron frame, japanned, No. 4 gauge steel wire spring and trigger, steel lever. Five teeth in each jaw.

NO.	Width In.	Ht. In.	lb Doz.	DOZEN
1	5½	8	24	$28.00

PACKED ONE IN BOX



Reddick's

The frame is ⅜-inch flat steel, has 6 tinned steel prongs 4¾ inches long, japanned coil spring; length over all 24 inches; width 3½ inches.

NO.		DOZEN
12R	38 lb.	$20.50

HALF DOZEN IN A CRATE

TRAPS

F

RAT

Sure Catch—Mouse and Rat

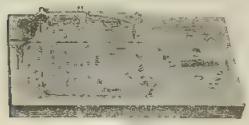
Wood base, metal trigger, steel wire spring.

NO.	Wt. Doz.	DOZEN
20—Mouse	1½ lb.	$0.60
40—Rat	3 lb.	2.00

Official

Wood base, steel wire spring.

NO.	Size	Wt. Doz.	DOZEN
10	3½x7 in.	6 lb.	$2.50



Dead Easy

Hardwood base. Coppered steel spring.

NO.	Size In.	Wt. Doz.	DOZEN
30	3½x7	6	$2.40

Six dozen in a carton.

HOLD'EM MOUSE

Coppered steel wire, flat metal ribs. The tilt has a steel flange with pointed wires on the outer rim as a protection against escape. The safety door is operated from the top, which allows animal to be let out without difficulty. Size 9x5x4 inches.

NO.	Wt. Doz.	DOZEN
954	8 lb.	$10.00

TWO DOZEN IN A CRATE

HOLD 'EM RAT

Constructed the same as Hold-Em Mouse Traps, but have in addition two wire extension frames on the bottom to prevent tipping over.

NO.	Size	Wt. Doz.	DOZEN
1H	15½x9 x7 in.	25 lb.	$15.00
2H	18 x9½x7½ in.	35 lb.	18.00
3H	20 x10x7½ in.	40 lb.	20.00

HALF DOZEN IN A CRATE

GAME

Victor

Flat steel bent frame, single spring, with wire chain

NO.		Spread	Wt. Doz.	DOZEN
0V	Rat	3½ in.	5½ lb.	$2.25
1V	Muskrat	4 in.	7½ lb.	3.00
1½V	Mink	4½ in.	11½ lb.	5.00

Flat steel bent frame, double spring, with wire chain.

NO.		Spread	Wt. Doz.	DOZEN
2V	Fox	4½ in.	14½ lb.	$ 7.00
3V	Otter	5½ in.	22 lb.	10.00

Heavy wrought base bar with riveted frame double spring with wire chain for coyote, beaver, wolf, etc.

NO.	Spread	Wt. Doz.	DOZEN
4V	6½ in.	25 lb.	$14.00

Oneida Jump

A high grade light trap. Lies very flat and is easily secreted in the runways of animals. Jaws have full wide meeting faces which are not likely to break the animal's leg.

NO.	Wt. Doz.	DOZEN
1J	6½ lb.	$4.00
1½J	6½ lb.	6.50

(Double spring otherwise as above)

2J	9½ lb	$9.00

NEW HAVEN CLOCKS

EIGHT-DAY HOUR AND HALF HOUR STRIKE MANTLE CLOCKS

"PETITE DORIC" NO. 1

Height, 7¾ inches. Base, 5½ inches. 3½ inch Silvered Dial with Raised Numerals. 8 Day Pendulum Gong Strike, Carved Wood Case, Hand Colored. Convex Crystal **$27.50**

"PETITE DORIC" NO. 2

Height, 7¾ inches. Base, 5½ inches. 3½ inch Silvered Dial with Raised Numerals. 8 Day Pendulum Gong Strike, Solid Mahogany, Antique Finish with Black Panel and Base, Convex Crystal **$26.40**

"PANDORA"

Height, 7½ inches, width, 6¼ inches. 3½ inch Silverd Dial with raised numerals, polished sash, solid Mahogany, antique finish with panels 8 day pendulum hour and half hour strike **$33.00**

"PETITE GOTHIC"

Height, 7½ inches. Width 5½ inches. 3½ inch Silvered Dial with Raised Numerals. 8 Day Pendulum Gong Strike, Mahogany Moulded Case, Convex Crystal **$26.40**

"EMPIRE"

Height, 7½ inches. Base, 13½ inches. 3½ inch Silvered Dial with Raised Numerals 8 Day Pendulum Gong Strike Green Panel Carved Case, Hand Colored, Convex Crystal **$27.60**

"VERMONT"

Height, 11 inches. Width, 9 inches. 5½ inch Dial Mahogany, Fancy Inlaid Case of Colonial Design Decorated Panel 8 Day Pendulum Hour and Half hour Rod Strike **$20.80**

"PETITE TAMBOUR" NO 2

Height, 6¾ inches. Base 18 inches. 3½ inch Silvered Dial with Raised Numerals 8 Day Pendulum Gong Strike, Solid Mahogany Antique Finish with Dark Panels and Base, Convex Crystal **$28.40**

'HARMONIOUS"

Height, 9¼ inches. Width, 20 inches. 5½ inch Silvered Dial with Raised Numerals. 8 Day Duo Strike Movement, Self Adjusting Hour and Half-hour Strike Mahogany finished Case, Cast Sash, Beveled Convex Crystal **$23.10**

"HARMONISTE"

Height, 9¼ inches. Width 20 inches. 5½ inch Silvered Dial with Raised Numerals. 8 Day Duo Strike Movement, Self Adjusting Hour and Half hour Strike Mahogany finished Case, Cast Sash, Beveled Convex Crystal **$23.10**

"TAMBOUR" 94

Height, 9¼ inches. Width, 20 inches. 5½ inch Silvered Dial with Raised Numerals. 8 Day Hour and Half hour Strike, Mahogany Finished Case, Convex Crystal **$16.95**

'TAMBOUR" 96

Height, 9¼ inches. Width 20 inches. 5½ inch Silvered Dial with Raised Numerals. 8 Day Hour and Half hour Strike, Mahogany Finished Case, Convex Crystal **$16.95**

ALL CASES SOLID WOOD WITHOUT VENEER, DUCO FINISHED, HAND RUBBED.

NEW HAVEN BANJO CLOCKS

"WARING"
Height, 36 inches. Width, 11½ inches. Silvered Dial, 8½ inches. Mahogany Finished Case. Hard Rubbed Brass Side Ornaments. Eagle Top. 8 Day Pendulum Movement. Hour and Half Hour Strike.
List $33.00

All Cases Are Solid Wood, Hand Rubbed, Duco Finish. No Veneers Used.

"WHITNEY" No. 1
Height 40 ½ inches. Width, 9½ inches. Silvered Dial 6 inches. Mahogany Finished Case. Brass Side Ornaments. Eagle Top. 8 Day Pendulum Movement, Single Box Strike.
List $26.40

"WINHAM"
Height 15½ inches. Width 7 ½ inches. 3½ inch Silvered Dial cast dash, Futuristic Design, Silver finish with highlights and decorated panels to match. 8 Day Pendulum Time Piece.
List $22.80

WHITNEY No. 2
Height, 30½ inches. Width, 9½ inches. Silvered Dial 6 inches. Mahogany Finished Case. Brass Side Ornaments. Eagle Top. 8 Day Pendulum Two Tone Box Strike.
List $27.50

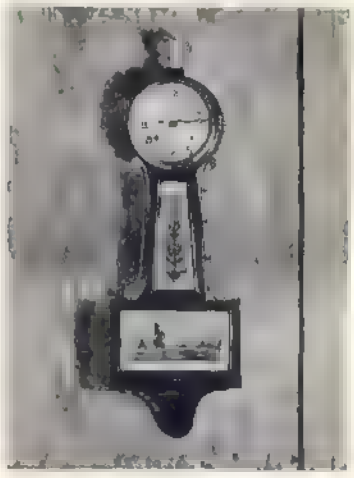
"WARWICK"
Height, 22½ inches. Width, 7½ inches, 6 inch Dial, Cream color with Bright Buffed Sash Convex Crystal. 8 Day lever timepiece movement with steel cut pinions. Brass side ornaments. Decorated Panels, Colors, Rose, Green, Blue, Yellow or Mahogany.
List $15.40

NEW HAVEN BANJO CLOCKS

"WARING"

Height 36 inches. Width, 11½ inches. Silvered Dial, 8½ inches. Mahogany Finished Case, Hand Rubbed Brass Side Ornaments, Eight Day Two Jewel Lever Movement. Hour and Half Hour Strike.

List $33 00



All Cases Are Solid Wood, Hand Rubbed, Duco Finish. No Veneers Used.

"WHITNEY" No. 1

Height 30 inches. Width 9½ inches. Silvered Dial 6 inches. Mahogany Finished Case, with Brass Side Ornaments, Eight Day Lever Movement, Single Hour Strike.

List $26.40

"WINHAM"

Height 15½ inches. Width 6½ inches. 3½ inch Silvered Dial, Attractive Design. Silver Finished Hour Hands are Illuminated Dots to mark Minutes. Porcelain Time Piece.

List $30 80

WHITNEY" No 2

Height 30 inches. Width, 9½ inches. Silvered Dial 6 inches. Mahogany Finished Case, Brass Side Ornaments, Eight Day Lever Movement, Single Hour Strike.

List $27 80

"WARWICK"

Height, 22 inches. Width, 7½ inches. 6 Inch Dial, Cream Color Steel Bight Bailed Case. Convex Crystal. 8 Day lever movement with steel pinions. Brass side ornaments. Decorated Dial. Black Rose Green, Dip Yellow Mahogany .....

List $15 40

NEW HAVEN CLOCKS

EIGHT-DAY HOUR AND HALF HOUR STRIKE MANTLE CLOCKS

"PETITE DORIC" NO. 1

Height [illegible] Inches, Base 5½ inches, 3½ inch Silvered Dial with Raised Numerals, 8 Day Pendulum Hang Strike, Carved Wood Case, Hand Colored, Convex Crystal **$27.60**

"PETITE DORIC" NO. 2

Height [illegible] Inches, Base, 5½ inches, 3½ inch Silvered Dial with Raised Numerals, 8 Day Pendulum Gong Strike, Solid Mahogany Antique Finish Case with Panel on Base, Convex Crystal **$26.40**

"PANDORA"

Height, [illegible] inches, width, 6½ inches, 3½ inch Silvered dial with raised numerals, polished sash, solid Mahogany antique finish with panels, 8 day pendulum hour and half hour strike **$33.00**

"PETITE GOTHIC"

Height [illegible] inches, Width, 5½ inches, 3½ inch Silvered Dial with Raised Numerals, 8 Day Pendulum Gong Strike, Mahogany Molded Case, Convex Crystal **$26.40**

"EMPIRE"

Height [illegible] inches, Base [illegible] inches, 3½ inch Silvered Dial with Raised Numerals, 8 Day Pendulum Hour and Half Hour Strike, Gong, Cast Case, Hand Colored, Convex Crystal **$27.80**

"VERMONT"

Height 14" [illegible] Wide 9 inches, 6½ inch Dial, Mahogany Finished Case, Cathedral Design, Pendulum Hour and Half Hour Strike **$20.80**

"PETITE TAMBOUR" NO. 2

Height [illegible] inches, Base [illegible] 3½ inch Silvered Dial with Raised Numerals, 8 Day Pendulum Gong Strike, Solid Mahogany Antique Finish with Dark Panels and Base, Convex Crystal **$26.40**

"HARMONIOUS"

Height 9½ inches, Width 21 [illegible] 5½ inch Silvered [illegible] with Raised Numerals, 8 Day Striking Movement, Striking Hour and Half Hour Strike, Mahogany Finished Cast Case, Bevel Convex Crystal **$23.10**

"HARMONISTE"

Height 9½ inches, Width 21 [illegible] 5½ inch Silvered Dial with Raised Numerals, 8 Day Striking Movement, Striking Hour and Half Hour Strike, Mahogany Finished Case, Sash, Bevelled Convex [illegible] **$23.10**

"TAMBOUR" 94

Height 9½ [illegible] Width [illegible] inch Silvered Dial with Raised Numerals, 8 Day Hour and Half Hour Strike, Mahogany Finished [illegible] Crystal **$16.95**

TAMBOUR" 96

Height 9½ [illegible] Width [illegible] 5½ inch Silvered Dial with Raised Numerals, 8 Day Hour and Half [illegible] Strike, Mahogany Finished Case, Convex Crystal **$16.95**

ALL CASES SOLID WOOD WITHOUT VENEER, DUCO FINISHED, HAND RUBBED.

FULL WESTMINSTER CHIMES WITH CHORDED STRIKE

Time Melodiously Told

Chimes on silver-toned rods at the quarter, half-hour, third quarter and hour. Eight-day, self-adjusting chime and strike with easily removable main springs. The flexible steel-feather control is an exclusive feature found only in New Haven chimes. Hand-rubbed cases of solid mahogany. Duco Finish. Requires six-inch mantel.

"Time Melodiously Told"

"ABBEY" Westminster Chime

Height, 14½ inches. Base, 7 inches. Dial, 6 inches. 8-Day Pendulum Chime Movement. Cast Sash, Beveled Convex Crystal. Silvered Dial with Raised Numerals. Solid Mahogany Case. Antique Finish.

List $97.10

"INGLEWOOD" Westminster Chime

Height ... inches. Base, 8½ inches. Dial, 5 inches. 8-Day Pendulum Chime Movement. Beveled Convex Crystal, Cast Sash, Silvered Dial with Raised Numerals.

List ..$58.20

"AMIENS" Westminster Chime

Height 12 inches. Width 10 inches. 6-inch Silvered Dial with Raised Numerals. Cast Sash, Beveled Convex Crystal. Solid Mahogany, Antique Finish with Two-Tone Panels. 8-Day Pendulum Chime Movement.

List $97.10

"CHESTER" Westminster Chime

Height, 10¾ inches. Base, 22½ inches. 8-Day Pendulum Chime Movement. 6-inch Silvered Dial with Raised Numerals. Beveled Convex Crystal. Cast Sash. Solid Mahogany. Antique Finish with Dark Panels and Base.

List $81.40

"ORLEANS" Westminster Chime

Height, 9¾ inches. Base, 20¾ inches. 8-Day Pendulum Chime Movement. Silvered Dial with Raised Numerals. Beveled Convex Crystal. Cast Sash. Solid Mahogany. Antique Finish with Dark Panels and Base.

List $78.10

"INGOMAR" Westminster Chime

Height, 10 inches. Base, 20 inches. Dial, 6 inches. 8-Day Pendulum Chime Movement. Cast Sash, Beveled Convex Crystal. Solid Mahogany Case. Antique Finish. Silvered Dial with Raised Numerals.

List $97.10

by New Haven.

FULL WESTMINSTER CHIMES

Full Westminster Chime on Silver-Toned Rods with Self-Adjusting Chorded Strike. Solid Mahogany, Hand Rubbed, Durable Duco Finish.

"GAMMA" Westminster Chime

Height 9½ inches. Base 21 inches. 8 inch Silvered Dial with Raised Numerals. 8-Day Pendulum Chime Movement. Convex Crystal. Polished Solid Mahogany Finished Case. Solid Mahogany Front with Modernistic Design.

List $45.55

"THETA" Westminster Chime

Height, 9½ inches. Base 21 inches. 8 inch Silvered Dial with Raised Numerals. 8-Day Pendulum Chime Movement. Convex Crystal. Polished Case. Mahogany-Finished Case. Solid Mahogany Front with Modernistic Design.

List $45.55

"SIGMA" Westminster Chime

Height 9½ inches. Base 21 inches. 8 inch Silvered Dial with Raised Numerals. 8-Day Pendulum Chime Movement. Convex Crystal. Polished Case. Mahogany-Finished Case. Solid Mahogany Front with Modernistic Design.

List $45.55

"TOLEDO" Westminster Chime

Height, 9 inches. Base 9 inches. Dial 5 inches. 8-Day Pendulum Chime Movement. Silvered Dial with Raised Numerals. Convex Crystal. Polished Case. Solid Mahogany Antique Finish with Dark Panels and Base.

List $48.95

"HARKNESS" Westminster Chime

Height, 9 inches. Base 21 inches. Dial, 6 inches. 8-Day Pendulum Chime Movement. Silvered Dial with Raised Numerals. Beveled Convex Crystal. Cast Solid Solid Mahogany Case with Dark Panels.

List $58.75

"LINCOLN" Westminster Chime

Height 9½ inches. Base 21 inches. Dial 6 inches. 8-Day Pendulum Chime Movement. Silvered Dial with Raised Numerals. Beveled Convex Crystal. Cast Solid Solid Mahogany Case with Dark Panels.

List $58.75

SINGLE BARREL TRAP GUNS

NEW ITHACA. HAMMERLESS

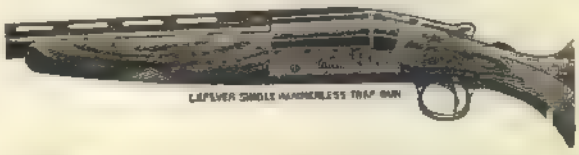
VICTORY GRADE.

12 Gauge

Made in the following specifications only: stock, straight grip, 14½ inches long, 1⅞ inches drop at heel, 1½ inches drop at comb; fitted with matted ventilated top rib, beavertail forend; grip of stock and forend checkered by hand. Made in 12 gauge only; 32 inch barrel. Furnished with soft rubber recoil pad and Lyman ivory sights.

Victory Grade. Wt. each, 7½ lbs.....Each $100 00

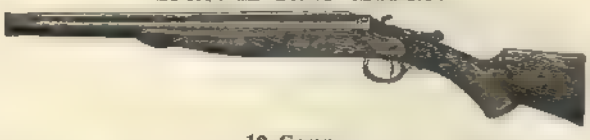
LEFEVER. HAMMERLESS



12 Gauge. Made in the following specifications only: Black walnut stock, 14½ inches long; drop at heel 1⅞ inches; drop at comb 1½ inches; full pistol grip; automatic ejector; elevated ventilated rib; large forend; made in 12 gauge only; 32 inch barrel; soft rubber recoil pad; ivory front and rear sights. Wt. ea. 8 lbs....Each $35 00

IVER JOHNSON

SPECIAL TRAP MODEL.



12 Gauge

32 inch barrel, with ventilated matted top rib, fitted with two Lyman sights; automatic ejector; length of stock, about 14½ inches; drop at comb about 1½ inches; drop at heel about 2 inches.

No. 26. Wt. ea. 7 lbs.....Each $16 00

SINGLE BARREL SHOT GUNS

IVER JOHNSON

CHAMPION MODEL

12, 16, 20 and .410 Gauge. Automatic Ejector

Three piece take down gun with real black walnut stock and trap style forend; full pistol grip; genuine hard rubber butt plate. The barrel is full choke, highly polished and browned, and the frame case hardened; all beautifully finished.

No. 312. 12 Ga. 30 in. barrel. Wt. ea. 6¼ lbs..Each $10 25
No. 316. 16 Ga. 30 in. barrel. Wt. ea. 5¾ lbs. Each $10 25
No. 320. 20 Ga. 28 in. barrel. Wt. ea. 5¾ lbs..Each $10 25
No. 341. .410 Ga. 26 in. barrel. Wt. ea. 5¾ lbs..Each $10 25

SINGLE BARREL SHOT GUNS

IVER JOHNSON

EXCEL MODEL

12, 16, 20 and .410 Gauge. Automatic Ejector.

The special features are hammer forged barrel, lug and other parts; patented lock to take up wear; coiled wire springs where necessary; walnut finish stock and large Trap style forend. The barrel is full choke

12 Gauge. 30 in. barrel. Wt. ea. 6¼ lbs.....Each $9 00
16 Gauge. 30 in. barrel. Wt. ea. 5¾ lbs. ....Each $9 00
20 Gauge. 28 in. barrel. Wt. ea. 5¾ lbs. ....Each $9 00
.410 Gauge. 26 in. barrel. Wt. ea. 5¾ lbs.....Each $9 00

H. & R. HANDY

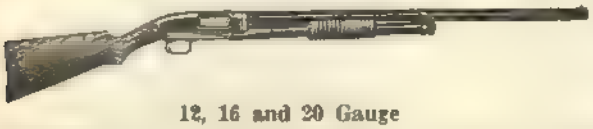
.410 Gauge

The new H. & R. "Handy Gun" is offered as a weapon of defense for the home, office and bank and as a small game gun for the hunter. Also for the automobilist for protection against "hold-ups." When shooting in the dark or from a moving vehicle, making aim difficult or impossible, the spreading charge of shot has several chances of scoring as against one chance for a single bullet. A second shot can be fired very quickly, the automatic ejector throwing the fired shell clear of the gun. Whether or not accustomed to firearms, any person can use the "Handy Gun" because of its extreme simplicity of operation. The hammer is rebounding, therefore always in the safety notch, the safest "safety" yet devised.

.410 Gauge. Chambered for 2½ inch shells; 8 and 12¼ inch barrel; will also take without change .44 W. C. F. shot cartridge. Wt. each, with 8 in. bbl., 37 ozs....Each $12 00

REPEATING SHOT GUNS
WINCHESTER

MODEL 12. HAMMERLESS TAKE DOWN STANDARD



12, 16 and 20 Gauge

12 Gauge. 30 or 32 inch nickel steel barrel; full choke; chambered for 2¾ inch shells; pistol grip stock of selected walnut, not checked; plain walnut action slide handle; rubber butt plate; length of pull 13¾ inches; drop at comb 1 11/16 inches, and drop at heel 2½ inches; the magazine holds five shells which, with one shell in chamber, makes it a six shot gun. Wt. ea., 7¼ lbs. .....Each **$49 25**

12 Gauge. With raised matted rib barrel. Otherwise same as above .....Each **$57 70**

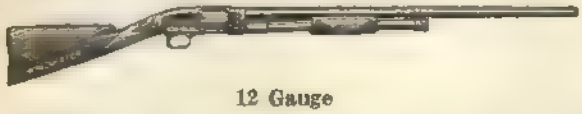
16 Gauge. 28-inch barrel only; chambered for 2 9/16 inch shell; length of stock 13⅝ inches; drop at comb 1½ inches, and drop at heel 2½ inches; otherwise same as 12 Gauge. Wt. ea., 6 lbs. .....Each **$49 25**

16 Gauge. With raised matted rib barrel. Otherwise same as above .....Each **$57 70**

20 Gauge. 28-inch barrel only; chambered for 2¾ inch shell; otherwise same as 16 Gauge. Wt. each, 5¾ lbs. .....Each **$49 25**

20 Gauge. With raised matted rib barrel. Otherwise same as above .....Each **$57 70**

MODEL 12. HAMMERLESS TAKE DOWN TOURNAMENT



12 Gauge

12 Gauge. 30 inch nickel steel barrel, with raised matted rib; full choke; chambered for 2¾ inch shells; stock of selected walnut, oil finished, with straight grip checked; rubber butt plate; length of pull 14 inches; drop at comb 1½ inches, and drop at heel 1¾ inches. The magazine holds five shells which, with one shell in chamber, makes it a six-shot gun. Wt. ea., 7½ lbs. .....Each **$74 65**

MODEL 12. HAMMERLESS TAKE DOWN TOURNAMENT WITH VENTILATED RIB

12 Gauge

12 Gauge. 30 inch barrel only; nickel steel, with ventilated rib; red rubber recoil pad; length of pull 14 inches; drop at comb 1⅝ inches, and drop at heel 1⅞ inches; otherwise same as regular Tournament gun. Wt. each, 7¾ lbs. .....Each **$139 95**

MODEL 12. HAMMERLESS TAKE DOWN TOURNAMENT, WITH VENTILATED RIB AND SPECIAL EXTENSION SLIDE HANDLE

12 Gauge

12 Gauge. 30 inch barrel only; nickel steel, with ventilated rib; extension slide handle; red rubber recoil pad; otherwise same as regular Tournament Grade. Wt. each, 7¾ lbs. .....Each **$149 55**

REPEATING SHOT GUNS
WINCHESTER

MODEL 12. HAMMERLESS TAKE DOWN, TRAP

***12 Gauge.** 30 inch nickel steel barrel, full choke, with solid raised matted rib; selected fancy walnut, hand made, oil finished stock, with straight or pistol grip checked; rubber butt plate; fancy walnut, oil finished, checked slide action handle. Standard stock dimensions: length of pull 14 inches; drop at comb 1½ inches, and drop at heel 1¾ inches. Stocks are hand made. Special dimension stock, cylinder bore or modified choke, 26, 28 or 32 inch barrel, will be furnished from factory without extra charge if so specified. Wt. ea., 7¾ lbs. .....Each **$91 65**

MODEL 12. HAMMERLESS TAKE DOWN TRAP, WITH VENTILATED RIB

***12 Gauge.** 30 inch barrel only; nickel steel, with ventilated rib; red rubber recoil pad; otherwise same as regular Trap Grade. Wt. ea., 7¾ lbs. .....Each **$148 70**

MODEL 97. HAMMER TAKE DOWN STANDARD

12 Gauge

12 Gauge. 30 or 32 inch rolled steel barrel; full choke; chambered for 2¾ inch shells; pistol grip stock of plain walnut, not checkered; plain walnut slide action handle; rubber butt plate; length of stock 13⅞ inches; drop at comb 1¾ inches, and drop at heel 2⅝ inches; the magazine holds five shells which, with the one that can be put in chamber, places six shots at the shooter's command. Wt. each, 7¾ lbs. .....Each **$43 30**

MODEL 97. HAMMER TAKE DOWN TOURNAMENT

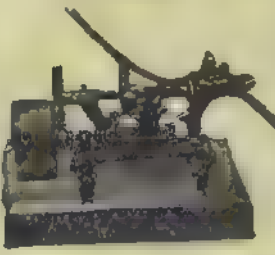
12 Gauge

***12 Gauge.** 30 or 32 inch rolled steel barrel, handsomely matted on the top; chambered for 2¾ inch shells; stock of selected walnut, with straight grip checked; length of pull 14 inches; drop at comb 1⅝ inches, and drop at heel 1⅞ inches; slide action handle is of selected, oil finish walnut and checked; rubber butt plate; magazine holds five shells which, with the one that can be put in chamber, places six shots at the shooter's command. This gun is standardized in the above specifications; stocks not more than one inch shorter than the standard and with not more than one inch extra drop at heel furnished at additional cost, for shipment from factory only. Wt. each, 7¾ lbs.....Each **$71 05**

NOTE. Model 97 guns can be furnished with modified choke or cylinder bore barrel also with 26 or 28 inch barrel without extra charge, for shipment from factory only.

*For factory shipment only.

"New Reliable" Automatic Band-Saw Sharpener



If you have a band-saw, it requires sharpening twice a week or perhaps more. Every time it is filed it costs you 25 cents or $26.00 per year at the very lowest. Now just add $10.00 more to that amount, and you have the price of a machine which will do this work for a lifetime with practically no repairs. Gross weight, 75 lbs. Price, $36.00 net.

"Ideal" Band-Saw Sharpener

This machine, which is similar to the New Reliable power machine, is adapted for filing band saws, ranging in size up to and including saws with teeth 7/16 inch from point to point and 1¼ width of blade.

This machine can be run either by hand or power, and occupies only a small space, the saws being hung on a peg overhead, thus dispensing with filing wheels and all other such apparatus, which in many machines occupy at least six square yards. Gross weight, 35 lbs. Price, $16.50 net.

"Reliable" Band-Saw Setter

It accommodates saws from ⅛ to 1½ inch width. Can be operated by hand or power, and sets 200 teeth a minute.

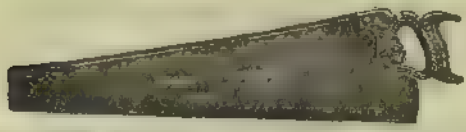
Simplicity

A great feature of this machine, and which no other machine possesses, is that on old saws the teeth of uneven height or length all get the very same amount of set. Any one who can turn a crank can set a saw in a few minutes more perfectly than could be done by hand in an hour. Gross weight, 25 lbs. Price, $16.50 net.

Can be returned after 10 days trial if not entirely satisfactory.

(Consult Index). Mention "Tool Monger" No. 30 when ordering from this book

Montgomery & Co.'s "Leader" Saws



A first class All Saw. If it had the name of a prominent maker it would sell for nearly double what we ask. It is the best value for the money that we know of.

All Leader Saws are made from extra refined spring steel, polished blades, taper ground, thin back, full bevel filed, apple handles, five improved brass screws on all sizes above 26 inches. Smaller sizes four screws.

Can furnish straight or skew back as desired.

16	18	20	22	24	26	28	30 Inches
$0 85	0 97	1 06	1 19	1 27	1 33	1 47	1 69 each

We have

18-inch and 20-inch rip [illegible], 6, 7 points to inch
22-inch and 24-inch rip [illegible] 5, 5½, 6 points to inch
26-inch rip [illegible] points to inch
28-inch and [illegible]-inch rip [illegible], 4½, 5, 5½ points to inch
16-inch 18-inch 20-inch 22-inch crosscut 8, 9, 10, 11, 12 points to inch.
24-inch crosscut 7, 8, 9, 10, 11, 12 points to inch
26-inch crosscut 6, 7, 8, 9, 10, 11 points to inch
28-inch crosscut, 6, 7 points to inch

Leader Saws Are Absolutely Warranted

Hand Saws

The teeth of a crosscut saw should be filed so true that on holding it up to the eye and looking along its edge, it will show a central groove down which a fine needle will slide freely the entire length; this groove must be angular in shape and equal on each side or the saw is not filed properly and will not run true.

The proper amount of bevel to give the teeth is very important, for if too much bevel is given, the points will score so deeply that the fibres severed from the main body will not crumble out as severed, but be removed by continued rasping, particularly in hard woods, as they require less bevel as well as pitch, than soft wood.

SETTING SAWS.—This is an important part of the work of keeping a saw in order and should always be done after the teeth are pointed and before filing. In all cases the set should be perfectly uniform, as the good working of the saw depends as much on this as on the filing. Whether the saw is fine or coarse the depth of set should not go, at the most, lower than half the length of the tooth, as it is certain to spring the body of saw if not break the tooth out.

[illegible] stock [illegible]

M... (Consult Index). Mention Tool Monger... when ordering from this book.

New "Speed Models" Tennis Rackets

A feature of outstanding merit in the Wilson line of rackets is the use of moisture-proof stringing in all numbers, from the top numbers down to the most moderate priced models. Moisture-proof stringing as its name implies, is not affected by dampness or climatic conditions and is stronger and more durable than gut at the same prices. All Wilson rackets strung with moisture-proof stringing carry a metal tag specifying the kind and tensile strength of the strings used

G426+1 Geo. Agutter Forest Hills Model. Geo. Agutter featured Forest Hills Country Club Pro designed and made each of these rackets. Has the new, improved, new open throat model. Second growth ash, strongly re-enforced with cable cord and rawhide. Strung with moisture-proof stringing. A fine fast racket giving maximum speed with all possible strength..... **$21.30**

G426+2 Laminated "Speedwood" AAA racket. This represents our very latest development in tennis rackets. Laminated throughout of carefully selected second growth white ash and dogwood. Strung with 140% Crest purple waterproof strings, improved with a center square of white lock strings. Frame is attractively trimmed at shoulders with white celluloid and blue and white cable cord, making a very attractive appearance and substantial tennis racket **$21.30**

G426+3 Super Stroke. Three-piece frame construction. The racket with the perfect feel and balance. Finest second growth white ash. Duco finished. Triple reinforced and bound at throat and shoulders. Four-sided white basswood handle. Strung with moisture proof strings **$19.20**

G426+4 Wimbledon. A very beautiful racket, frame of three piece construction, laminated throughout with white celluloid bow, white interlocking trim, harmonizing beautifully with the trim on the frame **$16.25**

G426+5 Onwentsia. Has a full beveled one-piece frame of hickory, tastily constructed, reinforced at shoulder. Ash grip with laminations of walnut veneer. The cable cord trimming of blue and orange at the shoulder accentuates beautifully with the red silk stringing and white interlocking trimming **$11.50**

G426+6 Golden State Racket. High grade type of second growth white ash. Upper half of the bow is beveled both inside and out, reinforced at throat and shoulders and top of grip with green fibroloid wrappings at shoulders. **$9.25**

G426+7 Wilson Indestructo steel racket. The new Wilson Indestructo Steel frame racket, being the most modern steel racket at a popular price. Sturdy tubular steel frame, perfect balance. A special waterproof cork grip steel stringing that has the feel of gut and will not become loose from dampness or atmospheric changes. Can be supplied in light medium and heavy weights **$9.10**

G426+8 Premier. This is the first wood racket ever offered at this price with the new improved construction. Laminated throughout, white ash frame, shoulders are reinforced with white celluloid and trimmed with green cable cord. Strung with good quality oriental strings. A full sized racket suitable for beginners or juvenile tennis players. **$4.25**

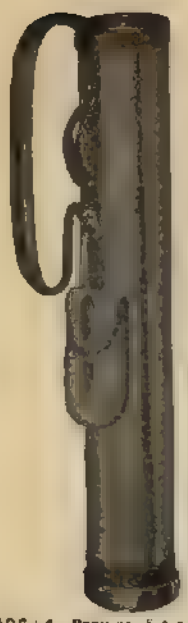
G426+9 Phoenix. A durable, popular priced racket, fine quality, white ash with laminated bow, reinforced with purple celluloid and white cable cord trimming at shoulders, purple cable cord at throat, strung with good grade waterproof gut. The new feature of this racket is the method which secures one of the bow cords to the grip, thus holding it in place and preventing it from slipping. This is a very handsome racket for the money **$7.50**

NOTICE

All our tennis rackets are now finished in a clear, colorless **Duco** that enhances the beauty of the natural wood in a natural finish. Duco is especially adapted for tennis rackets as it is tougher than ordinary varnish, stands up better, is not affected by moisture and climatic conditions than ordinary varnish and thus is more preserving to the racket than ordinary varnish

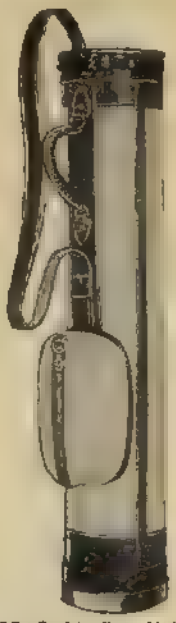
Golf Bags—In Every Grade and Price

A Complete Line of Big Selling Numbers



G425+1 Popular Steel Stayed Bag Made of a new closely woven fawn colored material that is very durable, trimmed in tan, fitted with steel stays, metal bottom, heavy leather sling strap **$4.25**

G425+2 Bag made of a substantial water-proofed brown color fabric with rich brown trimming, genuine leather top, aluminum metal bottom, padded leather sling strap and large roomy ball pocket. 5-inch diameter **$4.80**



G425+3 Nice Bag. Made of a fine quality water proofed material in a rich golf cloth green trimmed in chamois leather and snappy looking bag fitted with nickel steel stays, hookless fastener, pocket all around bottom, genuine leather top and genuine leather sling strap. 5-inch diameter **$6.10**

G425+4 6 Inch Hooded Bag made of a pearl gray colored water proof fabric with rich tan trim, three steel stays, fitted with special cushion top and metal bottom, genuine tan fur padded sling strap and large roomy ball pocket equipped with hookless fastener, telescope hood and lock **$8.50**

G425+5 A Fine Bag for the golfer who wants something good with a hood. 5-inches in diameter. Brown frontier body trimmed throughout with grain leather in a shade of brown that harmonizes very nicely with the color of the body featuring the rubber bottom hookless fastener ball pocket sweater strap, club division strap and padded sling strap with pitcher shaped handle **$11.40**

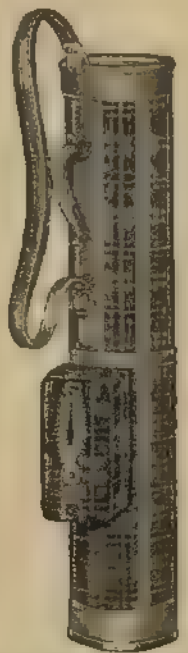
G425+6 Golf Bag Made of green English serge cloth, fitted with rubber top and bottom, large size hookless ball pocket, cushioned strap, sweater strap, padded sling strap, 6 inches in diameter **$10.00**

G425-7 Golf Bag Same as above equipped with hood and lock **$12.80**

G425+8 A Beautiful Hooded Bag made of brownish grey English whipcord waterproof material, trimmed in black, fitted with extra large bill head top and bottom with white celluloid the new cushioned top and bottom, has four steel stays, padded sling strap, large roomy ball pocket with hookless fastener, sweater strap. This is a dignified appearing bag and will give excellent service **$16.00**

G425+9 6-inch Bag with Brown Frontier Body Fine water proofed material with waterproof leather bottom in a shade of brown which harmonizes very attractively with the color of the body. Equipped with rubber bottom, large roomy ball pocket with hookless fastener, sweater strap, club division strap and hood with hookless fastener and lock **$17.50**

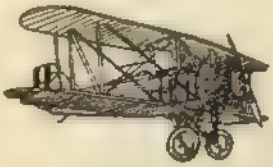
G425+10 A Splendid Value in Men's High Quality Heavy Brown Genuine Cowhide Bag Leather fitted with cushioned padded sling strap, comfortable large strap handle, club dividers, rain proof cover in pocket with hookless fastener, cushion rubber top and bottom, full roomy hood with hookless fastener and lock, white inching at top and bottom. 7 inches in diameter **$46.20**



G425-11 Ladies 5-Inch Bag body made of waterproofed plaid material, equipped with three steel stays, padded sling strap, oak tanned leather pocket and all metal bottom. This bag is furnished with three different color trimmings, red, blue or green to all cases the predominating color of the plaid body matches the color of the trimming **$6.40**

THE ABOVE PRICES ARE SUBJECT TO THE REGULAR DISCOUNT.

IF ANY ARTICLE PROVES UNSATISFACTORY, RETURN AT ONCE. WE WILL EXCHANGE OR REFUND MONEY.



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MORRISON BRUSHES, Inc,
GLENS FALLS NEW YORK

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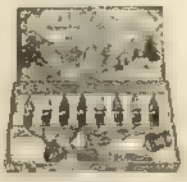
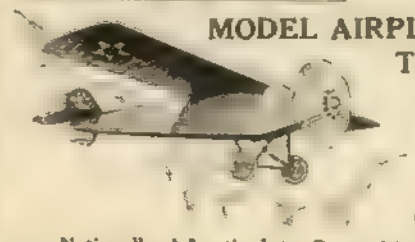
with Mazda Lamps
Electric Christmas Novelties



NOMA ELECTRIC CORPORATION
340 Hudson St. New York
Chicago Office: 140 W. Adams St.

The MOCAR IMPROVED L-100



MODEL AIRPLANES THAT FLY

Only $1.25 List

Aluminum Construction

Nationally Advertised to Over 10,000,000 Boys

Also the New Big Mocar—a 34" cambered wing model aluminum construction outfit. Wonderful value—only $2.50 list. Write for samples and prices.

The Mount Carmel Mfg. Co. Dept. A New Haven, Conn.

Penn Products for Big Profits

"LIALLA" DOLLS
in all sizes. New faces and original costumes.

"QUAKER" STUFFED TOYS
of all varieties

CHICAGO TOY FAIR
ROOM 686—PALMER HOUSE
Mary Lou Kirkland, Rep.

PENN STUFFED TOY CO., Inc.
90-94 Grand St. Phone: Canal 7916 New York City

KEYSTONE VEHICLES

Just What You Want
In Wheel Goods

From popular-priced numbers to the finest De-Luxe Models, we have just what you want at prices that merit your consideration before you place your next Wheel Goods order.

CHILDREN'S VEHICLE DEPARTMENT
KEYSTONE LANTERN CO.
Tacony, Philadelphia, Pa.

—NEW!
Rapid Fire Machine Gun made by Littlefield

The big Rapid fire repeating gun. No. 2 . . . Shoots seven shots in seven seconds. The gun is 18¼ inches high and 8¾ inches long.

Retail Price $1.00

At the left—Attractive 4 color display package—sells on sight. See your jobber now or write us.

Also Kangru-Springaku, Quarterback and a host of popular games.

LITTLEFIELD MFG. CO.

702 N. HALSTED STREET — CHICAGO, ILL.
New York Office, R. Wunderlich, 799 Broadway, New York City
Pacific Coast, I. L. Jacobs, 340 Sutter St. San Francisco Cal

"The Little Housekeeper" "Mothers-Helpmate"
Leading the Field of
TOY HOUSECLEANING SETS

BAKER & BENNETT CO.
873 BROADWAY, NEW YORK
Distributors

Manufactured by
KIDDIE BRUSH & TOY CO.
BRYAN, OHIO — JONESVILLE, MICH.

Big Values In BLACKBOARDS
Produced on a volume basis, resulting in the utmost values to the consumer. They retail at popular prices and allow a generous profit to Jobbers and Dealers.

And Many New Numbers and Finishes in

GAMES	TOOL CHESTS
TRUNKS	TOOL CABINETS
PIANOS	FOLDING CHAIRS
BOATS	GROCERY STORES
DESKS	KITCHEN CABINETS
ICE BOXES	POOL TABLES

MASON & PARKER MFG. CO.
Factories:
Winchendon, Mass.
So. Royalston, Mass.

Permanent New York City Display at Bismann, Seabrey Co., 215 Fourth Avenue

SEND FOR CATALOG
on this line of 10 realistic, colorful, fast, miniature boats.

Bolster your Summer sales with Playboats.

All Year Sales
Liberty Playboats
Liberty Playthings, Inc.
229 10th St., Niagara Falls, N. Y.

"VELO-KING" VEHICLES
FOR CHILDREN

Quality—Service—Price

Manufactured by
A. MECKY COMPANY
1705 Allegheny Ave. — Philadelphia, Pa.
New York Office, Warehouse and Showrooms
Paragon Furniture Co., 304 East 23rd Street

ON IMPORT AND FROM STOCK
A large variety of
ORIENTAL, EUROPEAN AND DOMESTIC
TOYS—DOLLS—NOVELTIES
NOISEMAKERS, Etc.
including a wide range of quick selling novelties for the Carnival and Concession Trade

S. LISK & BRO.
Manufacturers and Importers
14 East 15th Street — New York City

Playbest
BLOCKS · CARTS · BOATS

New — Large Size — Colorful!
Created to meet recommendations of authorities on child play.

Write for information on the complete PLAYBEST line.

MODERN CRAFTERS, INC.
318 Sycamore St., Cincinnati, Ohio

NOVELTY DOLL MFG. CO.

54 Greene Street New York City

Successful Makers of High Grade Doll Parts For The Past Seven Years *Now Offer A Complete Line of*

"FAVORITE"

MAMA and BABY DOLLS

For Jobbers, Syndicate Buyers, Chain Stores, Premium Users, Etc.

As makers of the complete doll we are able to offer values that are truly amazing.

ASK ABOUT OUR NEW
MOVING EYE DOLL—16" HIGH
Beautifully Dressed at $1.00 RETAIL

Complete Line on Display in

ROOM 526—MORRISON HOTEL

During Chicago Toy Fair

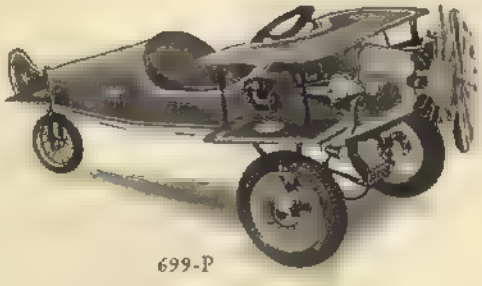
IGNATZ MAYER, IN CHARGE

One good turn deserves another—please mention PLAYTHINGS

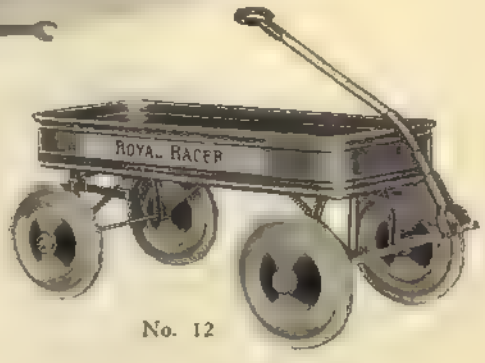
HERE is just one of 329 reasons why the keenest toy buyers of America are pinning their faith on Blue Streak Vehicles. The magnificent Blue Streak Line includes 28 numbers of tubular velocipedes.

Imagine the delight with which the youngsters will examine these "GIGANTIC" hubs—these 1⅜" Auto Tread Tires—this motor-bike truss fork and handle bar. Chromium plating of course. In the window or on the floor, this impressive velocipede will attract every youngster in the neighborhood.

A sensation at the New York Toy Fair, this velocipede, Series 200, will be a feature at our Palmer House Display at the Chicago Toy Fair. See it with the rest of the Blue Streak Line at Rooms 776-777.



699-P



No. 12

The TOLEDO METAL WHEEL CO.

Toledo, Ohio

"DISTINCTIVE CHILDREN'S VEHICLES SINCE 1887"

Start your letter right: "I saw your ad in PLAYTHINGS."

QRS Products ARE Better 16 mm Movie Projectors Clarola . . . . Playasax

Precision movement in low priced movie Projectors—clear illumination—Lamps included—unlimited film sources—all non-inflammable. They project movies perfectly, steady pictures being insured by their precision claw movement, which is similar to those on high priced machines. All machines have the spring film gate that holds the film firmly in position. All machines have a lamp and two 100 ft. reels and provide for rewinding film. Film can be rented, bought or loaned free.

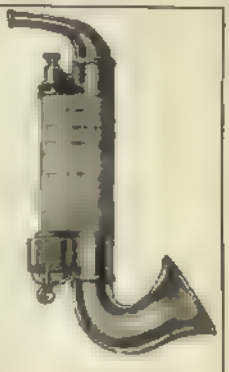
No. 75 PROJECTOR
$7.50 Retail

No. 22 PROJECTOR
$22.00 Retail

CLAROLA
$2.00 Retail

ANYONE can play these wonder Musical Toys — popular with everyone from youngsters to grandfather. Use 16 note Q. R. S. Playasax music rolls

All you have to do is insert a roll, turn the crank and breathe. Over 100 music rolls are available—both popular and standard selections.



PLAYASAX
$3.00 Retail

No. 10 PROJECTOR
$10.00 Retail

KIDDIE FILMS

Comedies, Cartoons, Trained Animals, Westerns, Thrillers, Animated Adventures. Movies for the youngsters made on Home Standard non-inflammable 16 MM Movie Film—complete movies each having a leader title and end title. Each packed in title box in 10, 25, 50 and 100 ft. lengths. Price 6c per foot retail.

Write for catalog and samples

SEE OUR DISPLAY AT CHICAGO TOY FAIR, "A" FLOOR, MORRISON HOTEL

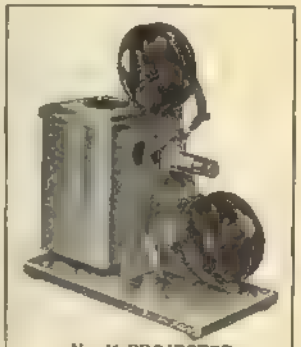
Q.R.S.-De Vry Corporation

(Established 1908)

333 N. MICHIGAN AVE., CHICAGO, ILL.

E. 135th and Walnut Ave.
New York, N. Y.

300-386 - 7th Street
San Francisco



No. 15 PROJECTOR
$15.00 Retail

Introducing Playskool SANDIE

—the "Learning While Playing" version of the ever popular Sand Box

A Modern All-Year Sand Table for Indoor or Outdoor Use . . to help you promote

PROFITABLE SUMMER SALES

in your

Kindergarten Department

Retails at $8.50

Including sturdy, non-tipping bench.

See the complete new line of PLAYSKOOL INSTITUTE PRODUCTS at the Chicago Toy Fair

Room 601 — Palmer House

PLAYSKOOL—The Home Kindergarten is the key product of PLAYSKOOL INSTITUTE. Make it the "key" product of your educational department

Pacific Coast Representatives
ERLACH-LEE CO., 24 California Street
SAN FRANCISCO, CAL

These Features Will Sell Playskool Sandie:

1. It combines the educational benefits of the old fashioned sand pile with the modern Playskool idea of pre-school training in the home.
2. Blocks and Pegs, in the shape of trees and houses, are used with the sand to make kiddies sand play more colorful . . more imaginative . . more creative.
3. With cover on, Sandie makes an ideal play table or desk.
4. Cover also provides a large smooth writing surface which children can use independently.
5. Can be used indoors, outdoors, on the porch, in any room in the house. Sand cannot leak out.
6. When not filled with sand, the box may be used as a storage place for other toys.
7. Is sturdily built. Legs are bolted on to assure rigidity. Finished in pale green enamel . . . easily kept clean.

Playskool SANDIE is being exhibited at the Chicago Toy Fair along with the other "Learning While Playing" playthings which comprise the complete PLAYSKOOL line.

If you miss the Chicago Fair, write for information.

PLAYSKOOL INSTITUTE
594 COMMERCE ST. MILWAUKEE, WIS.
A DIVISION OF JOHN SCHROEDER LUMBER COMPANY

INVALID CHAIRS

NON-RECLINING

With fixed rear swivel whee and folding foot board. Furnished regularly with hand rims on large wheels that will allow patient to propel chair forward and backward or turn in either direction at will.

The graceful outlines of this chair will readily appeal to all as a most comfortable and easy riding chair. One of our most popular patterns.

Height of back from seat, ins	20½
Height of seat from floor, ins	21
Height of seat from foot-board, ins	17¾
Height of arms from seat, ins	9¼
Depth of seat, ins	18
Width of seat between arms, ins	18¾
Diam of front wheels, ins	28
Diam of rear wheel, ins	10
Width over all, ins	29

Bicycle ball-bearings on Nos. 647 or 648, extra steel elliptic springs, extra. If wanted without hand ims, less.

	Each
No. 647—With ¾ inch rubber tires	✦$105 60
No. 648—With 1 inch rubber tires	✦ 113 10

One in crate; wt each 100 lbs.

RECLINING

Solid oak frame, light golden finish; reinforced steel construction throughout. Equipped with double steel spring under seat, Adjustable reclining back and two piece divided independent adjustable leg rest, two rear swivel wheels and furnished with hand rims on large wheels that will allow patient to propel chair forward or backward, or turn in either direction. Extension wood push handle.

No.	626
Size rubber tires, ins	¾
Height of back from seat, ins	31
Height of seat from floor, ins	20
Height of seat from foot board, ins	17
Length of leg rest from seat when down, ins	17
Length of leg rest from seat when up, ins	24½
Height of arms from seat, ins	9½
Depth of seat, ins	20
Width of seat between arms, ins	19
Diam of large wheels, ins	28
Diam of small wheels, ins	10
Width over all, ins	29
Each	$118 50

Crated; shipping wt each 125 lbs.

✦F. O. B. Ohio Factory Only.

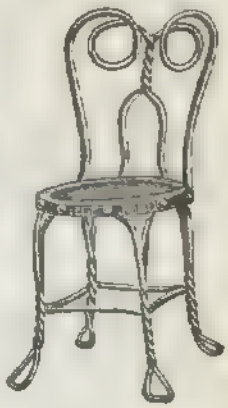
WIRE FURNITURE

SODA FOUNTAIN STOOLS

Antique copper finish frame; quartered oak veneered seat; polished with ring.

	Each
No. 140—Diam 12 ins; height 26 ins; wt each 8 lbs	$6 75

Packed loose.



CHAIRS

Antique copper finish frame; quartered oak veneered seat; polished with ring.

	Each
No. 7—Wt each 10½ lbs	$6 00

Packed loose.

ICE CREAM AND CAFE TABLES

With Rim.

Antique copper finish frame, quartered oak veneered tops. Well braced; strong and steady; easily assembled.

	Each
No. 224—Diam top 24 ins; wt 23 lbs	$19 80
No. 230—Diam " 30 ins; wt 27 "	24 00
No. 236—Diam " 36 ins; wt 40 "	✦ 30 75

Two in bdls.

ICE CREAM AND CAFE TABLES

Antique copper finish frame; solid tops of quartered oak or birch mahogany. Well braced; strong and steady; easily assembled.

	Each
No. 401—Oblong, 30x 48 ins; wt each 50 lbs	✦$34 50

Two in bdle.

ICE CREAM AND CAFE TABLES

Antique copper finish frame; white glass top. Well braced; strong and steady; easily assembled.

	Each
No. M24—Diam 24 ins; wt each 50 lbs	✦$37 50
No. M30—Diam 30 ins; wt each 70 lbs	✦54 00

Two in bundle.

✦F. O. B. Illinois Factory Only.

D 14

SODA FOUNTAIN AND RESTAURANT FURNITURE

White enamel porcelain top; heavy gauge steel legs. Height over all 31 inches.

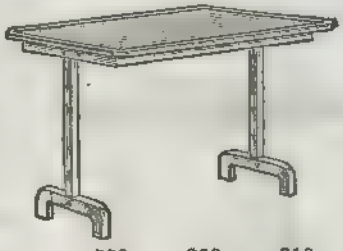
	Each
No 1025—Diam top 25 ins; wt each 21 lbs	$18 75
No. 1030—Diam top 30 ins; wt each 25 lb	22 50

Two. in crate K. D.

SANI-PRODUCTS

Sani-Onyx table tops are made by melting crushed Onyx at a temperature of 2600 degrees Fahrenheit, they are absolutely impervious to water, liquids and even the strongest acids.

Sani-Metal is a combination of iron and porcelain enamel. It can be cleaned instantly with a damp cloth.



Tables.

Sani-Onyx top with Sani-Metal base. Especially designed for soda fountain and restaurant use.

Nos.	308	309	310
Size top, ins	24x36	30x48	30x60
Height, ins	30½	30½	30½
Wt each, lbs	63	67	78
Each	+$94 50	+$119 25	+$157 50

One in crate.

Sani-Onyx top; hardwood base; mahogany finish.

Suitable for soda fountain and restaurant use.

Nos.	3M	4M	5M	6M
Size top, ins	24x36	36x36	30x48	36x72
Height, ins	30	30	30	30
Wt each, lbs	49	52	56	59
Each	+$71 25	+$87 00	+$98 25	+$174 00

One in crate.

Sani-Onyx top with Sani-Metal base. Designed for soda fountain and restaurant use.

Nos.	7	8	9
Size top, ins	30x30	30x48	30x60
Height, ins	29½	29½	29½
Wt each, lbs	50	56	61
Each	+$80 25	+$107 25	+$127 50

One in crate.

+F. O. B. Illinois Factory Only.

SODA FOUNTAIN AND RESTAURANT FURNITURE

SANI-PRODUCTS

Revolving Stools.

Sani-Metal base, porcelian enameled. Hardwood seat set in a 12 inch Sani-Metal ring. Designed for soda fountains and restaurant use. Holes in base for attaching to floor.

Height 25 Inches.

	Each
No. 412R-GO—Hardwood seat; golden gloss finish	+$15 75
No. 412R-M—Hardwood seat; mahogany finish	+ 15 75

Height 27 Inches.

	Each
No. 411R-GO—Hardwood seat; golden gloss finish	+$16 50
No. 411R-M—Hardwood seat; mahogany finish	+ 16 50

Crated; wt each 12 lbs.

Sani-Metal base and seat; porcelain enameled throughout. Holes in base for attaching to floor. Suitable for soda fountains and restaurant use.

Height 25 Inches.

	Each
No. 405R-WE—White enamel finish	+$16 50
No. 405R-M—Mahogany finish	+ 16 50

Height 27 Inches.

	Each
No. 406R-WE—White enamel finish	+$17 25
No. 406R-M—Mahogany finish	+ 17 25

Crated; wt each 19 lbs.

RESTAURANT STOOLS

Japanned iron base; revolving seat; 25 inches high; diameter seat 10 inches.

	Per Doz
No. 31525—Golden oak seat	$70 95

Packed loose; shipping wt per doz about 96 lbs.

COUNTER STOOLS

Revolving Seat.

Hardwood seat; polished, nickel plated rings black enameled iron pedestal.

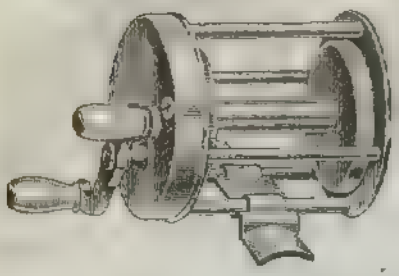
Nos.	721	725	730
Height, ins	21	25	30
Diam seat, ins	12	12	12
Wt each, lbs	10	12	15
Per Doz	+$112 50	+$117 00	+$120 00

Packed loose.

+F. O. B. Illinois Factory Only.

FISHING REELS

BRONSON REEL CO.



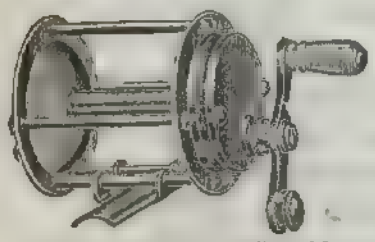
BILTWELL

Quadruple Multiplying.

Brass, nickel plated. Tempered steel bearings. Indestructible click and drag. S shaped crank with double white ivoroid handles.

	Each
No. 2800—Capacity 100 yds; length pillar 1⅛ ins, diam plates 2 ins	$2 40

One in cardboard box; wt each 6¼ ozs.



MONTAGUE CITY LEADER

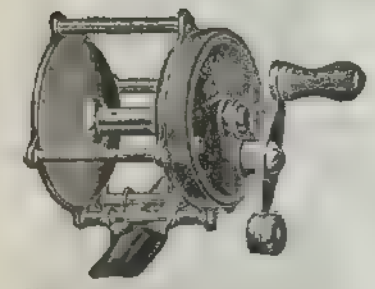
Double Multiplying.

Adjustable click and drag; metal cap; nickel plated; white celluloid handle.

	Each
No. 664—Capacity 80 yds; 1⅛ in pillar; 2½ in. disk	$3 15

One in cardboard box; wt each 7 ozs.

KEYSTONE

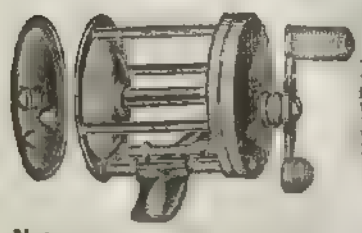


Double Multiplying.

Adjustable back sliding click and drag; fancy oil cup on back plate; balanced crank; polished nickel; white rubberette handle.

Nos.	1142	1143
Capacity, yds	40	60
Pillar, ins	1⅜	1⅜
Diam disk, ins	2	2¼
Wt each, ozs	8	10
Each	$3 45	3 75

One in cardboard box.



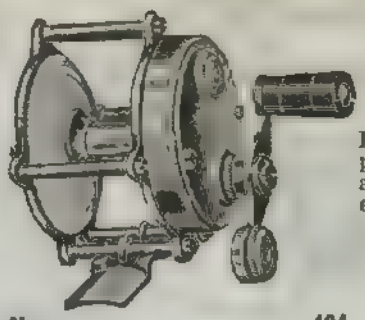
Quadruple Multiplying.

Round pattern; wide spool, steel cog post; adjustable back slidfng click and drag; polished and nickel plated, with white balanced handle.

Nos.	With Jewels 1153J6	Without Jewels 1154J6
Capacity, yds	60	80
Length pillar, ins	1⅝	1⅝
Diam disk, ins	2¼	2½
Wt each, ozs	7½	7½
Each	$4 65	4 95

One in cardboard box.

FISHING REELS



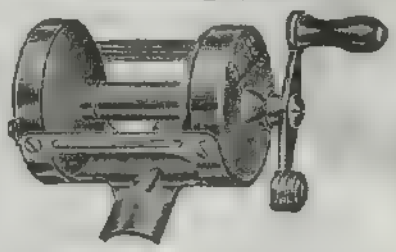
Double Multiplying.

Raised piller, screwed; with patent adjustable slide drag and back sliding click; nickel plated; balance handle.

Nos.	404	406	407
Capacity, yds	40	60	80
Length pillars, ins	1	1	1⅛
Diam disks, ins	2	2¼	2½
Wt each, ozs	5	7½	7½
Each	$3 00	3 30	3 60

One in cardboard box.

ENTERPRISE TOPIC

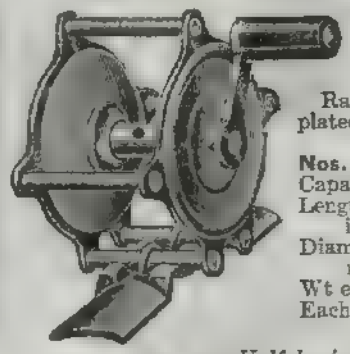


Double Multiplying

Nickel plated and polished; adjustable click; balanced free running crank; black rubberoid single handle. Bushed for bearings. Oil holes provided for oiling front and back pivots.

	Each
No. 123—Capacity 60 yds; length pillar 1⅝ ins; diam disk 1½ ins	$1 65

One in cardboard box; wt each 4 ozs.



Single Acting.

Raised pillar; riveted; nickel plated.

With Click. Nos.	202	204	206
Capacity, yds	25	40	60
Length pillars, ins	1 1/16	1 1/16	1 1/16
Diam disks, ins	1⅝	1⅝	2
Wt each, ozs	2	2	2
Each	$0 87	0 99	1 08

Half doz in cardboard box.

OCEAN CITY MANUFACTURING CO. FORTESCUE, SURF CASTING

For Salt Water Fishing.

Double Multiplying.

Best quaitiy German silver frame, with bakelite discs; hardened and tempered steel pivots running in phosphor bronze bearings; fitted with improved spiral frictionless gears; free-spool throw-off conveniently located at top; balanced crank with black wood handle.

	Each
No. 0C103—Capacity 250 yds; diam of disk 2⅝ ins; length pillar 1¾ ins	$14 25

One in cardboard box; wt each 1¼ lbs.

COMMUNITY PLATE

GUARANTEED FOR 50 YEARS

Fine enough for the most elaborate homes, or even mansions, yet low enough in price to permit those of ordinary circumstances to posess a complete set of this beautiful Silverware. Oneida "Community Plate" is guaranteed for 50 years of service.

The beautiful shapes, finish and patterns of "Community Plate" enrich the table setting and add much charm and individuality to the home atmosphere.

Paul Revere *Adam* *Grosvenor* *Bird of Paradise* *Patrician Moderne*

PAUL REVERE

The delicate floral treatment, lovely pricked engraving are all that is distinct and beautiful. . Named for the patriot whose celebrated midnight ride has by a quirk of fate obscured his reputation as a leading silversmith.

ADAM

This simple, yet lovable, outstanding design with its unusual grace and refinement continues to grow in popularity. It embodies the very essence of that delicate beauty for which the work of those two great Masters, Robert Adams and his brother, James were noted.

BIRD OF PARADISE

Especially designed for those who prefer a more delicately designed tableware—not too elaborate—not too severe—just tasty enough to make it attractive. It's use in the finest homes is just, and overwhelmingly welcomed.

PATRICIAN MODERNE

A design in the modernist manner for which has suddenly developed such an astounding demand. Sweeping planes, stunning simplicity and contrasting finishes. This design has an instant appeal to everyone.

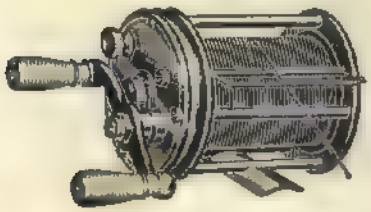
GROSVENOR

This beautiful pattern with it's well proportioned floral design is reproduced from tableware used during the early centuries. It's popularity continues to grow because of its supreme beauty and charmingly attractive design.

REELS

CASTING

ORENO



Anti-Back-Lash.

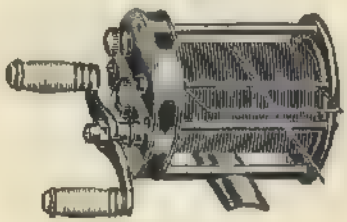
No. 900. Capacity, 100 yards 16 to 20 pound test silk casting line. Of the same general design and operating principles as the famous original South Bend Anti-Back-Lash Reel which has been proven in the hands of anglers for over 17 years, and is priced at a figure that will enable everyone to own a reel of reliable performance.

Like the South Bend Anti-Back-Lash it is of dual use, and can be operated as an Anti-Back-Lash, or by a simple adjustment it is converted into a reel of the ordinary type for those who prefer it. Either way it has a smooth, easy, free-running action.

Highly silvered finish with double grip; new improved rod clip of substantial construction; quadruple multiplying gear. Spool diameter is 1½ inches and 1⅞ inches wide. Weight each, 8 ozs. .....Each $6 50

CASTING

SOUTH BEND



Anti-Back-Lash.

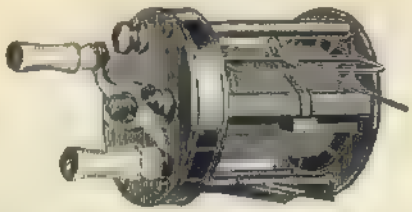
No. 113IA. Capacity is 100 yards, measured by 16 to 20 pound test silk casting line. The original Anti-Back-Lash Reel, which has been proven in the hands of anglers for over 17 years and is guaranteed not to back-lash. The instant the bait hits the water the spool stops running. There are no back-lashes, snarls or tangles—you just start reeling in.

Every cast is perfect; it enables the beginner to cast with the precision of the seasoned angler. The veteran angler experiences the pleasure of casting without thumbing, as the South Bend thumbs itself.

Two reels in one; may or may not be used with the Anti Back-Lash feature. A simple adjustment makes it into a reel of the ordinary type; either way, it has a free, smooth, easy running action. The brake action applies itself only for that fraction of a second when bait hits the water—there is no continuous drag to retard cast or distance.

Made of Liberty Silver, with double Ivoroid grips, and jeweled spool caps, one of which is adjustable. Has quadruple multiplying gear. Spool diameter is 1⅛ inches wide. Wt. each, 8 ozs. .....Each $10 00

SOUTH BEND



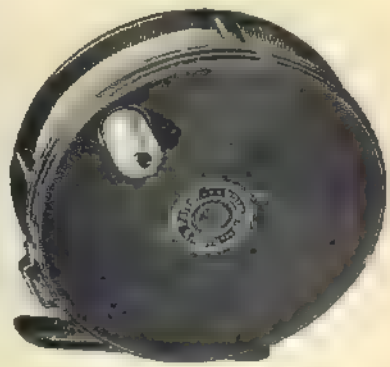
Level Winding, Anti-Back-Lash.

No. 1200. Capacity, 100 yards, measured by 16-to-20 pound test silk casting line. A mechanically perfected combination of the original Anti-Back-Lash device of the South Bend Anti-Back-Lash reel, which has been proven in the hands of anglers for over 17 years, with a perfect level winding device. Thumbing and spooling are entirely eliminated; cannot back-lash, snarl or tangle, and upon reeling in, it automatically spools itself, winding the line perfectly smooth and even. The brake action applies itself only for that fraction of a second when bait hits the water; no continuous drag to retard cast or distance. No attention need be given the spool which permits casting with greater precision than with the ordinary reel. Beginners can cast without previous practice. Liberty Silver, Ivoroid double grip; agate jeweled spool caps, one of which is adjustable. Has quadruple multiplying gearing. Spool diameter, 1½ in., 1 11/16 in. wide. Each reel in genuine chamois bag. Wt. ea. 9 ozs. .....Each $20 00

All above, one in a box.

FLY CASTING

HARDY'S



Ball Bearing. Single Action

PERFECT.

The most perfect form of reel for fly fishing ever devised. The original reel, from which the whole of the present series has been evolved, was made by Hardy Brothers in 1885 and from that time, it has been at various periods altered and improved, until now it stands on a pedestal of fame unapproached by any other.

3 in. Diameter. Line capacity, 40 to 50 yds. Wt. each, 6 ozs. .Each $15 00

3¼ in. Diameter. Line capacity, 50 to 60 yds. Wt. each, 7⅛ ozs. Each $15 50

3½ in. Diameter. Line capacity, 60 to 80 yds. Wt. each, 10½ ozs. Each $18 00

3¾ in. Diameter. Line capacity, 80 to 100 yds. Wt each,12½ ozs. Each $22 00

SPECIAL PERFECT.

Single Action

A type of reel specially designed to meet the wants of those who require a trout reel very light and yet capable of carrying 35 yards of fly line and 60 yards of No. 2 silk backing, making in all 95 yards. It is made on the lines of Hardy's Patent Perfect reel with ball bearings and regulating check.

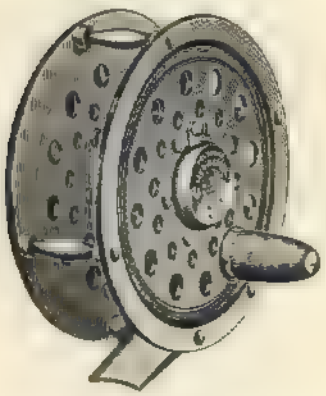
3¼ in. Diameter. Line capacity, 60 yds. Wt. each, 7 ozs.....Each $19 50

All above, one in a box.

REELS

FLY CASTING.

PFLUEGER MEDALIST



Single Action

The Medalist reel is beautiful in design, strong, efficient and free from sharp edges, which would injure the enameled line. The new and novel features of the Medalist make it exceptionally desirable.

Take-A-Part: The spool can be instantly detached by pressure of the finger on a lever which operates a simple latch mechanism on the front flange. All parts are attached so that they cannot be lost or mislaid

Weight of Reel: Less than any other known reel of same line capacity.

Line Dryer: Free ventilation and circulation of air to dry the line while on the spool, is provided through perforated back plate and spool flanges assembled with a pillar hub

Oiling System: Every working part is conveniently accessible for proper oiling

Click Mechanism: The tongue, pin and ratchet are made of polished tool steel, highly tempered to withstand maximum friction.

Axle: Made of tempered phosphor bronze, with a projection of hardened tool steel which acts as a bearing for the latch lever

Handle: Made of mottled Pyralin amber secured to the reel by a nickel-silver cupped bushing, providing a firm anchorage for the handle rivet.

Finish: Satin nickalum, gun metal.

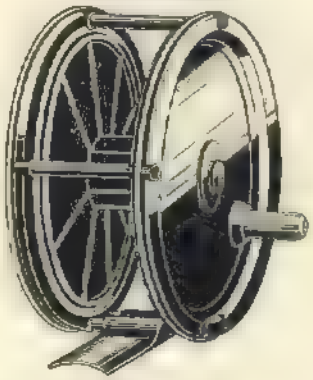
Each reel is wrapped in silver tissue and anti-tarnish paper; one in a fancy card box.

No. 1392 13/16 in. pillar; 2⅞ in plate. Wt. ea 5 ozs. .....Each **$5 00**

No. 1394. 13/16 in. pillar; 3¼ in. plate, Wt. ea. 6 ozs. .....Each **$5 50**

All above, one in a box

SYMPLOREEL.



Single Action.

Made of a composition, practically indestructible: green handles. Spool is specially constructed to allow an air space all around the line, thus drying it better than a reel with air holes on only one side. To take reel apart use a dime, take out center screw and lift out the spool. Click wheel is replaceable by removing one screw and taking the click wheel off by sliding it a bit to the side. No other front reel has this important feature.

No. 370. Size ¾x3 in. Wt. each. 5 ozs. ..... Each **$5 00**

No. 372. Size ¾x3¼ in Wt. each. 6 ozs .....Each **$6 00**

No. 374. Size ¾x3½ ins. Wt ea. 7 ozs ..... Each **$7 50**

No. 376. Size 1⅛x3¾ ins. Wt. ea 8 ozs. ..... Each **$8 50**

MEISSELBACH RAINBOW

Single Action.

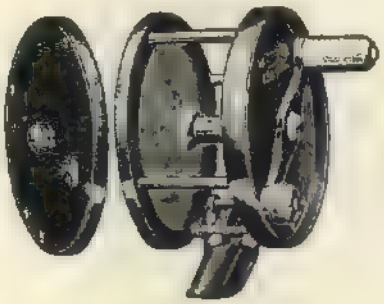
A most perfect single action fly reel, exceptionally light, yet strong enough to stand the hardest usage; compact in size, yet gives good line capacity: quickly and easily taken down, spool simply slips off the spindle; made of aluminum alloy

No. 627. 2⅛ inches in diameter width ¾ in. Wt.ea.,3¼ ozs.Each **$5 00**

No. 631. 3¼ inches in diameter width, ¾ in Wt. ea., 4 ozs Each **$5 50**

All above, one in a box

DELITE.



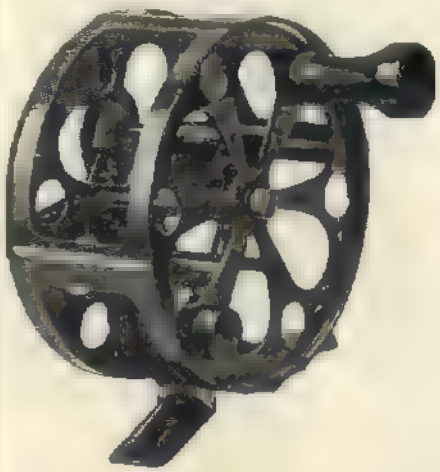
Single Action.

Hard rubber plates, metal bound, bushed for bearings, fancy oil cup on back plate; adjustable back sliding click; flush crank, balanced; black celluloid handle; all exposed parts nickel plated. Each reel wrapped in silver tissue and anti-tarnish paper.

No. 113. 60 yard. 1 inch pillar; 2¼ in. plate. Wt. ea. 4¼ ozs...Each **$2 50**

No. 114. 80 yard. 1 inch pillar, 2½ in. plate. Wt. ea. 5½ ozs...Each **$2 75**

EXPERT PATTERN.



Single Action.

Frame is made of one piece; absolutely no screws to jar loose and become lost; removable spool, back sliding steel click; brass axle and bushing; one of the lightest and strongest reels made; 150 yard capacity; 3x1½ inch spool; black finish.

No. 150B. Wt. ea.. 10 ozs .Each **$3 00**

All above, one in a box.

PLAYING CARDS, POKER CHIPS AND DICE

606 CONGRESS PLAYING CARDS

GOLD EDGES AIR CUSHION FINISH CLUB INDEXES

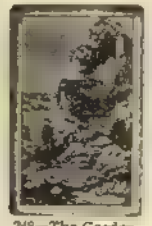
Look for the name "Congress" on every box

235—Ranee
© 1927, U. S. P. C. Co.

245—Comet

... — Blue Bonnet
© 1928, U. S. P. C. Co.

247—The Terrace
©1924, U. S. P. C. Co.


248—The Garden
©1924, U. S. P. C. Co.

254 Olga

Per Dozen

CONGRESS CARDS. Gold edges only air cushion finish, club indexes Ideal for Bridge Finest stock, highly finished An artistic series of backs, in rich colors and gold designed for up-to-date card parties, social and home play. Congress Cards are put up in side slide telescope cases $12 00

BRIDGE SETS

Double Packs

Look for the name "Congress" on every box

Front of Two-Pack Box

	Per Set of 2 Pack Cards
Congress Bridge Sets, Two-Pack Cards	$ 2 50
Bicycle Bridge Sets, Two-Pack Cards	1 75

BICYCLE DERBY CONGRESS CARDS

Front of Box

Front of Box

Front of Box

	Per Doz.
No. 808. Bicycle—the old reliable	$7 50
No. 888. Bicycle Bridge; fancy backs, tinted edges	9 00
Derby Cards, standard size	4 80
Campus Cards, standard size	4 50

Pinochle Packs furnished in following grades at same prices: Congress, 808 Bicycle, Derby.

PLAIN AND ENGRAVED POKER CHIPS

PLAIN POKER CHIPS	Per 1,000
1½ inch, Assorted Colors	$15 00
1½ inch, Wood Chips	11 00
ENGRAVED POKER CHIPS	**Per 1,000**
1½ inch, Owl, Assorted Colors	$40 00
1½ inch, Full Hand	40 00
1½ inch, Wood	15 00

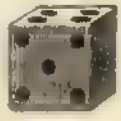
IVORY DICE

IVORY DICE—White with Black Spots

½-inch, per 100	$13 00
⅝ inch, per 100	18 00
¾ inch, per 100	27 00

BONE DICE

No. 4. Bone Dice, 7-16 inch, per 100 ..... $ 4 00



TRANSPARENT DICE

Round Corners, ½-inch, per 100	$17 00
Round Corners, ⅝ inch, per 100	21 00
Round Corners, ¾-inch, per 100	30 00

POKER DICE

Large Ivory Sets, per set ..... $ 1 20

A Wonderful New Toy

With Tremendous Sales Possibilities

PAL PICTURE PLAYER

The Combination "talkie-picture" machine that created a sensation at the New York Toy Fair. Now shown for the first time in the new improved model. Don't fail to see this remarkable toy together with our complete 1930 line of toy phonographs and records at the Chicago Toy Fair—

ROOM 752—PALMER HOUSE

PLAZA MUSIC CO., 10 West 20th Street, New York

"PARCHTEX"
LAMPS OF ENDURING BEAUTY

SPECIALS THAT SELL

We ask that you kindly remember that each and every shade listed on this page is of regular parchtex quality and is in no manner inferior to our regular quality line of parchment shades. The very attractive prices we have placed on this merchandise makes it possible for you to have a fast-moving special that is certain to get a rapid turn-over.

NO TWO ALIKE—PRICKED TO SELL

We illustrate below a group of six most attractive occasional table lamps ever manufactured and there has been a decided trend the past season for table lamps of medium size. The very attractive group of six quality lamps is equipped with brass plated bases approximately 15 inches high and are distinctively new designs. The shades on these lamps are approximately 12 inches in diameter and 8 inches high. The entire height with shade attached being 23½ inches.

9Z-707
$24.00

Bridge Lamp No. 9Z-707 is a striking number exemplifying the semi-modernistic spirit. The six panel leatherette faced 12-inch bridge shade has a stunning transparent design. The colors are brilliant but blend well. The base is a beautiful modern style number of the combination of steel with brass high-lighting and a touch of polychrome color

9Z-603
$7.50

9Z-604
$7.50

9Z-602 **$7.50**

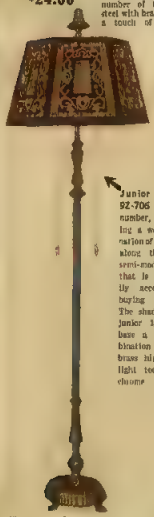
9Z-600
$7.50

9Z-601
$7.50

9Z-605
$7.50

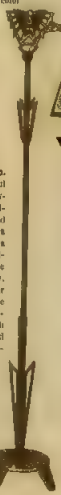
Bridge Lamp No. 9Z-703 is a dainty bridge lamp exquisitely designed. The brass plated base is of the new pedestal type so pleasing to the eye. The oblong curved end four-panel leatherette faced shade is an individual creation of beautiful design.

9Z-703
$19.00



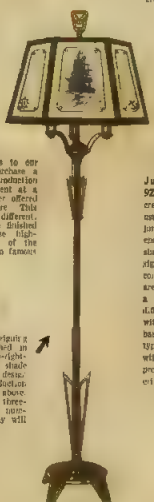
Junior Lamp No. 9Z-706 is a beautiful number, the shade having a wonderful combination of colors designed along the lines of a semi-modernistic idea that is being so readily accepted by the buying public today. The shade is of regular junior lamp size, the base a beautiful combination of steel with brass high-lighting and light touches of polychrome

9Z-706
$26.50



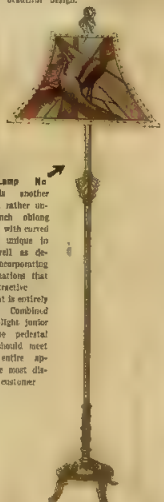
Bridge Lamp No. 9Z-751 offers to our customers an opportunity to purchase a lamp of this type using a reproduction of a genuine etching on parchment at a cost many times below than ever offered on a lamp of this quality before. This lamp is distinctively new and different. The base is a beautiful creation finished in English bronze with bronze high-lighting. The design being one of the most attractive ever produced by a famous designer of lamp bases.

9Z-751
$22.50



Lamp No. 9Z-750, an intriguing three-light floor torchere finished in English bronze with brass high-lighting. The sixteen-inch junior shade of this lamp is of the same design and construction as the reproduction of etching shade described above. There is a decided demand for three-light torchere lamps, and this number added to your floor display will be an especial attraction.

9Z-750
$28.50



Junior Lamp No. 9Z-702 is another creation . . rather unusual 18-inch oblong junior shade with curved ends . . . unique in shape as well as design . . incorporating color combinations that are very attractive a lamp that is entirely different. Combined with a two-light junior base of the pedestal type, this should meet with the entire approval of the most discriminating customer

9Z-702
$21.00

Exquisite Beaded Bags Made in Paris

Expertly constructed of selected quality French cut Steel fine beads. Skillfully worked into a charming and effective defined design and neatly lined with beautiful rich silk, they combine a distinctiveness of style and present an unusual value at these low prices.

Illustrations reduced size.

French Steel Cut Beaded Bag

A [illegible] silver [illegible] gilt [illegible] beads [illegible] Chain handle. Size [illegible] inches.

No. 5810. **Each, $22.50**

French Steel Cut Beaded Bag

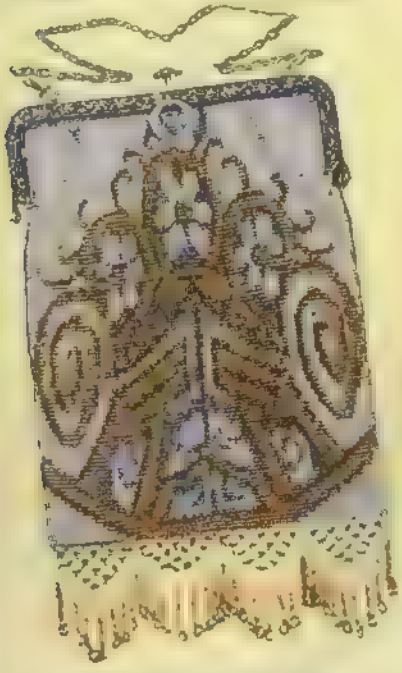
The [illegible] effectively worked [illegible] Silk lined with pocket [illegible] Chain handle. Size [illegible] inches.

No. 5811. **Each, $21.00**

French Steel Cut Beaded Bag

The [illegible] and silk lined [illegible] Chain handle. Size, 7½ x 4½ inches.

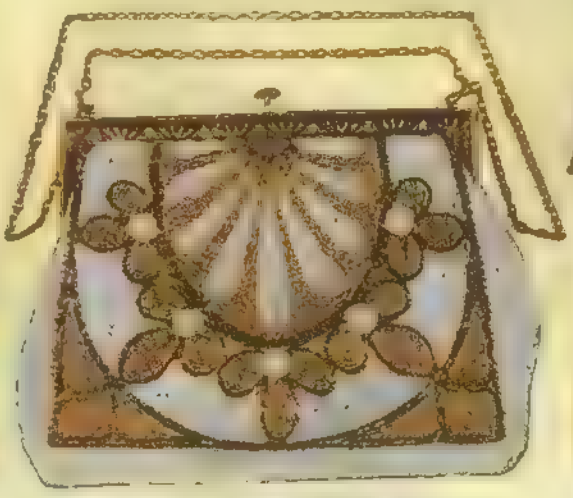
No. 5812. **Each, $18.00**



French Steel Cut Beaded Bag

An [illegible] silver [illegible] Chain handle. Size [illegible] inches. Attractively priced. Size [illegible] inches.

No. 5813. **Each, $13.50**



Ladies' Evening Pouche Bag

Distinctively new [illegible] Beautifully embroidered in gold and silver, [illegible] with [illegible] steel cut beads, [illegible] Purse [illegible] silk lined with pocket [illegible] Chain handle [illegible] inches.

No. 5814 **Each, $11.50**

French Steel Cut Beaded Bag

Exquisite [illegible] beads [illegible] Silver and gold beads [illegible] Chain handle. Size [illegible] inches.

No. 5815 **Each, $9.00**

High Quality French Cut Steel and Embroidered Bags Made in Paris

Exclusive Designs
Finest Workmanship
and Finish

Illustrations Reduced Size
Distinctive Christmas or Birthday Gifts

French Steel Cut Beaded Bag

The charm and [illegible] this attractive bag is [illegible] steel cut beads [illegible] in a most appropriate design. [illegible] Bead [illegible] with purse. Magnificent [illegible] frame. Chain handle. Fashionably made and finished. Size, [illegible] inches.

No. 5816. **Each, $31.50**

Ladies' Dress Bag

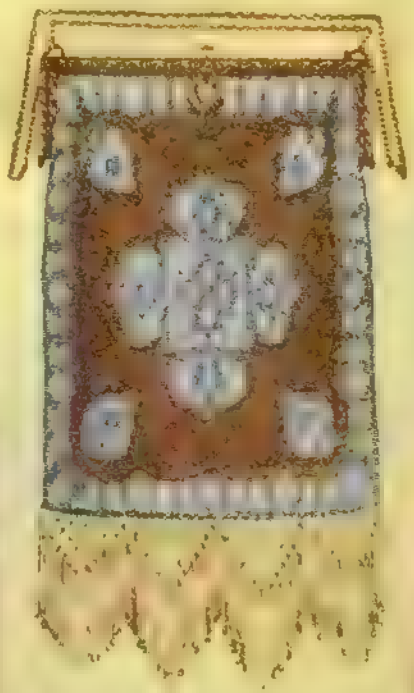
A gorgeous [illegible] Rose [illegible] steel cut beads [illegible] silver background [illegible] gilt [illegible] frame [illegible] and chain. Fine metal [illegible] with puff [illegible] and change [illegible] Size, [illegible] inches. Superb workmanship throughout. Size, [illegible] inches.

No. 5817 **Each, $30.00**

French Steel Cut Beaded Bag

Extra fine quality beaded bag, artistically worked into a most beautiful design, with fine small silver and gold beads predominating. Heavy fancy bottom fringe. Rich [illegible] bag with inside pocket. Neat metal gilt [illegible] frame. Long chain handle. An excellent value [illegible] with [illegible] workmanship. Size, [illegible] inches.

No. 5818. **Each, $30.00**



French Steel Cut Beaded Bag

[illegible] [illegible] [illegible] [

G

PARKER GAMES

PING PONG

Contains two Windsor ooze leather rackets, six best Match Ping Pong Balls, net and two nickeled posts.

NO.	Net In	Box Size In	DOZEN
P2	54	15x7½	$23.00

COUNTRY CLUB SET

Contains two Windsor ooze rackets, two best sanded rackets, twelve Ping Pong Balls. Net and two nickeled posts.

NO.	Lgth. of Net In.	Box Size In.	DOZEN
H3	66	20½x18	$30.00

DE LUXE SET

Contains two leather De Luxe rackets, two best sanded rackets, twelve balls, net, two nickeled extension posts.

NO.	Lgth. of Net In.	Box Size In.	DOZEN
84	66	21½x10¾	$36.00

BASEBALL, FOOTBALL AND CHECKERS

Double game board, including baseball and football, with checkers on the back of the board. Complete with playing pieces and set of checkers.

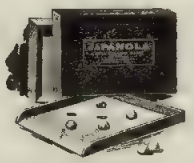
NO.	Size of Box In	DOZEN
463	17x9x1½	$17.50

PEG BASEBALL

A simple, active baseball game in convenient form equipped with dice, dice cup and pegs. Played on a well made raised platform with hole to receive the pegs.

NO.	Size of Box In.	DOZEN
587	12x10¾x1¾	$7.50

JAPANOLA



A ball rolling game from a distance towards the board in an endeavor to hole out as many as possible and into the holes of the highest denominations.

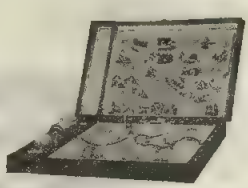
NO	Size of Box In.	DOZEN
23	14x11½x2	$22.50

RADIO QUIZ

Answers all questions by static. Comes complete with battery, speaker and 12 Quiz cards. Place card on the panel and turn left dial to a question, then slowly turn the right dial in any direction and you have your answer by static. Each card contains twenty-four questions and answers. Nothing to get out of order. Only an occasional new battery to buy. Available in color of American walnut, jade green, and mandarine red.

NO.	Color	Lbs Ea.	EACH
100W	American Walnut	2¼	$3.75
100G	Jade Green	2¼	3.75
100R	Mandarine Red	2¼	3.75

ELECTRIC QUESTIONER

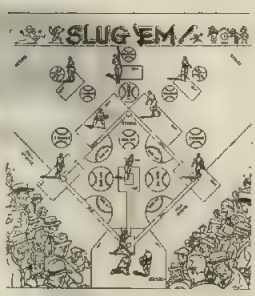


Knapp

The Questioner embodies all the fundamentals of the true game. Asks questions and answers them. Conundrums, jokes, geographic and historical information obtained. Contains a elegraph key and complete set of codes.

NO.	Size In.	lb Each	EACH
225	9½x13¾	3	$3.95

SLUG 'EM



Single target. Lithographed in five colors; eyelet in top for hanging target; four celluloid tipped darts, colored, mounted on target. Darts 5½ inches long with tempered steel point. Rules and sample score card are pasted on inside of box cover.

NO.	Size In	lb Doz.	EACH
32	22x24x1½	58	$2.50

One in an attractive box.

SHOOT 'EM

Single target. Lithographed in five colors; eyelet in top for hanging; four celluloid tipped darts, with steel points. Rules for playnig are pasted on inside of cover.

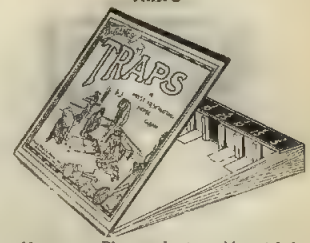
NO.	Size In	lb Doz.	EACH
22	22x24x1½	58	$2.50

STICK'EM

Single target. Lithographed in five coors; eyelet in top for hanging target; four celluloid tipped darts, 5½ inches long, with tempered steel points. Rules for playing the game are pasted on inside of box cover.

NO.	Size In.	lb Doz.	EACH
2	22 x24 x1½	48	$1.25
3	14½x16½x1½	22	2.50

TRAPS



A marble game. Players shoot marbles at holes, which will close if the shot hits the hole. The object being to see how many shots are necessary to close all the traps. Golf can also be played on the board.

NO	Size In.	Lbs Doz	DOZEN
50	22x11½	14	$12 00

BANK

Bank is a new marble game board upon which several variations of the game can be played with marbles against rubber cushioned rails. Players deposit and withdraw sums of money as in a savings bank as the score for each shot; while they can also "bank" their shots as in billiards. Surface board bears a beautiful lithographed design in attractive colors.

NO.	Size of Board In.	Lbs Doz.	DOZEN
60	13x22x1½	25	$18.00

One dozen to the carton.

GOLF SET

Four bright red enameled metal putting discs designed for practical use so that you may play in the house or outdoors without digging any holes in your lawns. There are four red flags with white numbers, two golf putter clubs 26 in. long with metal heads and hardwood handles and rubber golf balls.

NO.	Size of Box In.	Lbs. Ea.	EACH
331	27x7x1½	3	$1.50

Packed six to carton.

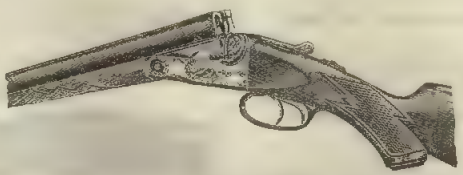
DOUBLE BARREL SHOTGUNS J

PARKER BROS. HAMMERLESS

Parker V. H. E. With Automatic Ejector

The V. H. E. is a general utility gun, built for service and durability. It is of strictly Parker workmanship throughout and is the finest made gun of its grade ever produced. V. H. E. barrels are made of best quality Vulcan steel, a good material in every respect. American walnut stock checkered on grip and forend. Pistol grip. Stocks on this grade outside of our regular prescribed limits of drops and lengths must be hand stocked, for which an extra charge will be made. Line engraving simply, but perfectly executed.

NO.	Gauge	Barrels In.	EACH
VHE12	12	30 or 32	$87.00
VHE16	16	28, 30 or 32	87.00
VHE20	20	28, 30 or 32	87.00



Parker G. H. E. With Automatic Ejector

A moderately priced gun, designed to meet the requirements of the sportsman who wants a hard shooting well made gun, of good finish. A Parker product of increasing popularity. The steel of which these barrels are made is specially selected by us for its high quality. These barrels are strong, well built and of lasting service. The stock is made from figured American walnut, nicely checkered and equipped with best quality hard rubber butt plate Furnished with full pistol grip. Stocks on this grade, outside of our regular prescribed limits of drops and lengths, must be hand stocked, for which an extra charge will be made. The engraving while not as elaborate as found on the higher priced Parker guns is tastefully done.

NO.	Gauge	Barrels In.	EACH
GHE12	12	32	$115.00
GHE16	16	30	115.00
GHE20	20	30	115.00

Parker D. H. E. With Automatic Ejector

The Parker D. H. E. is a handsome gun offered at a popular price, and has proved its exceptional value. There is no gun which can compare with this Parker at the price. It is endorsed by many of the most prominent shooters in the world, and is used afield and at the traps by thousands of well-known sportsmen. The barrels of the D. H. E. are of Titanic Steel, especially adapted to the exacting needs of gun manufacture. The stock is of fancy walnut, selected and figured, with fine checkering which adds to its beauty. Furnished with full pistol grip. It is mounted with a silver shield. The butt plate is skeleton type. Beautifully engraved game scenes set off with scroll enrich the appearance of the D. H. E.

NO.	Gauge	Barrels In.	EACH
DHE12	12	32	$160.00
DHE16	16	30 or 32	160.00
DHE20	20	30	160.00

J DOUBLE BARREL SHOTGUNS

L. C. SMITH HAMMERLESS

CROWN GRADE

Double trigger or Hunter One Trigger. Nitro steel barrels. We can no longer furnish Damascus barrels. Patent rotary bolt. Matted extension rib. Wide breech, top lever and case hardened. Lock plates and frame handsomely engraved, with selected walnut stock, beautifully figured and finished. Finely checkered. Straight or pistol grip. Rubber butt plate.

With Automatic Ejector and Hunter One Trigger

NO.		EACH
*1-C12	12 Gauge, 30 or 32 in. Barrels	$266.75
*1-C16	16 Gauge, 28 or 30 in. Barrels	266.75
*1-C20	20 Gauge, 28 in. Barrels	266.75

With Automatic Ejector and Regular Two Triggers

NO.		EACH
*2-CE12	12 Gauge, 30 or 32 in. Barrels	$230.25
*2-CE16	16 Gauge, 28 or 30 in. Barrels	230.25
*2CE20	20 Gauge, 28 in. Barrels	230.25

One in a heavy cardboard carton.

EAGLE GRADE

Nitro steel barrels, fine scenic and scroll engraving. Highest quality walnut stock. Checkered pistol grip.

With Automatic Ejector and Hunter One Trigger

NO		EACH
*1-312	12 Gauge, 30 or 32 in. Barrels	$199.75
*1-316	16 Gauge, 28 or 30 in. Barrels	199.75
*1-320	20 Gauge, 28 in., Barrels	199 75

With Automatic Ejector and Regular Two Triggers

NO.		EACH
*2-3E12	12 Gauge, 30 in. Barrels	$163.25
*2-3E16	16 Gauge, 28 or 30 in. Barrels	163.25
*2-3E20	20 Gauge, 28 in. Barrels	163.25

One in a heavy cardboard carton.

SPECIALTY GRADE

Nitro steel barrels. Fine scenic and scroll engraving. Selected walnut stock. Checkered full pistol grip.

With Automatic Ejector and Hunter One Trigger

NO.		EACH
*1-212	12 Gauge, 30 or 32 in. Barrels	$143.50
*1-216	16 Gauge, 28 or 30 in. Barrels	143.50
*1-220	20 Gauge, 28 in. Barrels	143.50

With Automatic Ejector and Regular Two Triggers

NO.		EACH
*2-2E12	12 Gauge, 30 in. Barrels	$107.75
*2-2E16	16 Gauge, 28 or 30 in. Barrels	107.75
*2-2E20	20 Gauge, 28 in. Barrels	107.75

One in a heavy cardboard carton.

TRAP GRADE

Crown steel barrels, oil finished selected walnut stock, checkered full pistol or straight grip.

With Automatic Ejector and Hunter One Trigger

NO.	Gauge		EACH
1112	12	30 or 32 in. Barrels	$124.50
1116	16	28 or 30 in. Barrels	124.50
1120	20	20 in Barrels	124.50

With Automatic Ejector and Regular Two Triggers

NO.	Gauge		EACH
21E12	12	30 in Barrels	$88 75
21E16	16	28 or 30 in. Barrels	88 75
21E20	20	28 in. Barrels	88 75

With Beaver Tail Forearm and Ventilated Rib Barrels Automatic Ejector and Regular Two Triggers

NO	Gauge	Barrels In.	EACH
BT12-E	12	30	$140.75
BT16-E	16	30	140 75
BT20-E	20	28	140.75

With Single Trigger

BT816-E	16	30	$176.50

One in a heavy cardboard carton.

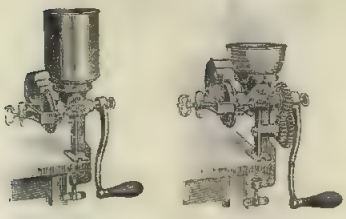
Weights—12 gauge, 6 lb 6 oz. to 8¾ lb. 16 gauge, 6¼ lb to 7 lb 20 gauge, 5¾ lb to 6¼ lb

Shotguns, rifles and revolvers are guaranteed by the factories which make them to be free from imperfections in material and workmanship.

***Not carried in stock. Shipped direct from factory.**

GRINDERS F

CORONA CORN



No. 2 No. 3

Grinds all sorts of grain, wet or dry. Can be used to make the best corn meal, buckwheat flour, entire wheat flour, graham flour; grinds wet and oily foods. Are unexcelled for making peanut butter, Bread Crumb, and Cracker dust. Adjustable grinders regulated by screw in front.

No. 1 is the same as No. 2, except has same size hopper as No. 3.

NO.	Ht. In.	Hopper In. Diam of	lb Doz.	DOZEN
1	14	5¼	142	$ 70.00
2	18½	5¼	154	78.00
3	14	5¼	198	110.00
4	18½	5¼	210	120.00

COFFEE

Parker—Extra Heavy

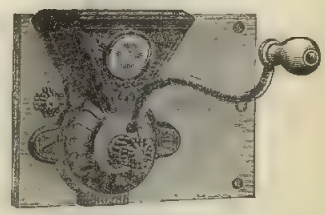
For Steamer, Camp and Farm Use.

Cast iron body; black japanned steel hopper.

NO.	Size Back	Wt. Doz.	DOZEN
090	10½x14	135 lb	$52.00

Half dozen in a box.

COFFEE



Side or Wall

Selected hardwood back, well finished, enameled sheet steel hopper, brass medallion on front, positive lever adjustment, steel alloy grinders.

NO.	Size Back	Wt. Doz.	DOZEN
050	6 x8 in.	35 lb	$12.00
060	6½x8½ in.	40 lb	15.00
070	7½x10 in.	50 lb.	18.00

CANISTER—COFFEE

These mills have bevel knives and flat, sharp teeth, cutting the coffee instead of crushing; adjustable to any granulation and will pulverize.

449 446 444

Screw Cap

Glass canister tumbler holder, metal black enameled

NO.	Capacity	Wt. Doz.	DOZEN
449	1 lb.	64 lb.	$26.00

One in a carton; ½ dozen in a case.

Glass canister, screw cap, new style, tumbler holder, graduated tumbler. Metal white enameled.

NO.	Capacity	Wt. Doz.	DOZEN
446	1 lb.	92 lb.	$47.25

One in a carton; one dozen in a case.

Steel canister, tumbler holder; finish black enamel.

NO.	Capacity	Wt. Doz.	DOZEN
444	1 lb.	44 lb.	$22.00

One in a carton; one dozen in a case.

F GRINDERS

BOX

Coffee

Wood body and top; made with the improved grinders and adjusting nut. Capacity 1 pound.

NO.	Size	Wt. Doz.	DOZEN
855	6¼x6¼x7⅛ in.	52 lb.	$23.25

Half dozen in a box.

Coffee

Body made of wood; top is cast iron, bronze finish; hopper cast iron; capacity 3½ ounces.

NO.	Size	Wt. Doz.	DOZEN
481	6¼x6x8¼ in.	64 lb.	$26.00

Half dozen in a box.

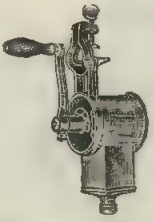
Coffee

Wood body and top; cast iron hopper, japanned; double adjustment; capacity 1⅔ ounce.

NO.	Size	Wt. Doz.	DOZEN
104	6x6x6¼ in.	45 lb.	$16.00

Half dozen in a box.

GRATERS G



Slicer Attachment

Climax

Makes food light and flaky. Perfect for stale bread, crackers, cheese, potatoes, onions and all vegetables. Can't cut your finger tips. Easy to clean. Has glass block, exclusive in Climax graters.

Height above table—9⅜ inches.
Cutter inside barrel—3x3¼ inches.
Hopper—2¼x2½x2¼ inches.
Size over all—5¼x12 inches.

No.	lb Doz.	DOZEN
50	45	$26 50

One in a corrugated container.

Glass Blocks for Climax Graters

NO	lb Doz	DOZEN
[illegible]	11	$4.20

Slicer Attachments for Climax Graters

NO.	lb Doz.	DOZEN
5A	11	$8.40

As new appliances for the kitchen are perfected you will find those of merit in our stock.

No. 1720A—Park timer, 1/5- second, 30-minute register, start, stop and fly back from crown, 6J lever movement

No. 1706 — 1/5-second, $22.00 extra thin and fine quality, special small model 6J lever movement.

Reliable Timers

No. 1722B—Park timer, 1/5- second, 30-minute register, fly back from crown, side slide for starting and stopping, 6J lever movement. $18.50

No. 1721E—Park timer, 1/10- second, 15-minute register, very accurate, 6J lever movement. $18.50

No. 1730—Park timer, $25.00 1/100ths-second. Large hand makes 1 revolution in 100 seconds, extra quality, 6J lever movement.

No. 1722D—Park timer, 1/5- second, 30-minute register, fly back from crown, side slide for starting and stopping, 6J lever movement. $18.50

No. 1728—Chronograph, 1/5- second, fly back and minute register 6J lever movement, solid nickel case $35.00

No. 168—12-size 1/5-second chronograph with minute register, very fine 15J lever movement, fitted in either 14K white gold filled or green gold filled Wadsworth case. $85.00

No. 1726—Park timer, 1/5- second, 30-minute register, start stop and fly back from crown, side button for the split second hand, 6J lever movement $38.00

ACCURATE

C 2976—10½L. W R.P. Goering $28.50
15 Jewel, Lum. Dial, detachable strap

C 2977 [illegible] L.W.R.P. Goering $28.50
15 jewel, Lum. Dial detachable strap

C 2978—$45.00 Goering, Doctor's, 15 jewel, White, 14K Filled Keystone Case
C 2979—$45.00 same Green Filled.

C 2985 [illegible] L. W. R. P. Goering, $28.50
15 jewel, Lum. Dial, detachable strap.

C 2986 [illegible] Ruby jewel, Goering, $32.00
9½L. W. R. P. Engraved, detachable strap.

C 2987—$25.00 Goering, Lum. Dial, 10½L. 15 ruby jewel, White Engraved.
C 2988—$16.50 same, jeweled Elaine.

THE WONDER WATCH OF THE WORLD

C 2980—Goering sport model $32.00
6½L. W R P 15 jewel, fancy dial.

ALL ELAINE GOERING WATCHES ARE WITH CUT BALANCE

C 2989—9½L. White, Elaine, $18.50
jeweled Lum. Dial, detachable strap.

C 2981—White, Engraved, Elaine $15.00
jeweled Lum. dial, detachable strap.

C 2990—White, jeweled Elaine $18.50
9½L. Lum. Dial, detachable strap.

ELAINE GOERING *Watches*

THE name Elaine or Goering on a watch is a guarantee to you. Elaine-Goering, The Wonder Watch of the World.

A watch for the business man, a watch for sport wear. They are made to give satisfaction.

Elaine on the dial denotes six jewels. Goering on the dials fifteen jewels.

C 2987 6½L White, Elaine $20.00
jeweled, Lum Dial, detachable strap.

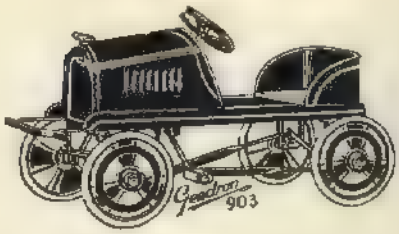
C 2991 Jeweled Lum. Dial, $17.50
Elaine, 10½L. White, metal bracelet.

C 2983—9½L. W R P Elaine $20.00
jeweled, Lum Dial metal bracelet
C 2984 same 15 jewel, Goering $28.50

C 2994—10½L. White, Elaine, $17.50
jeweled Lum. Dial, metal mesh bracelet
in display box.

C 2992 9½L W R P., Elaine, $22.50
jeweled Lum. Dial, metal bracelet
C 2993 same 15 jewel Goering $28.50

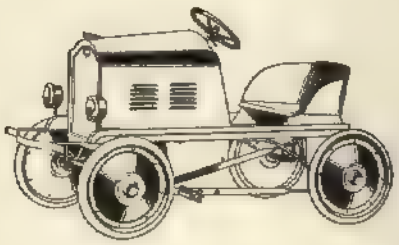
AUTOMOBILES



Length overall 31 inches; finished in orange with black and red stripes and decorations; 8 inch tinned wheels with ⅜ inch rubber tires.

No. 901. Ship. wt. 33 lbs..Each **$10 00**

One in a carton.



Length overall 36 inches; finished in straw color with red and black stripes and decorations; 10 inch disc wheels enameled red and striped yellow with ⅛ inch rubber tires.

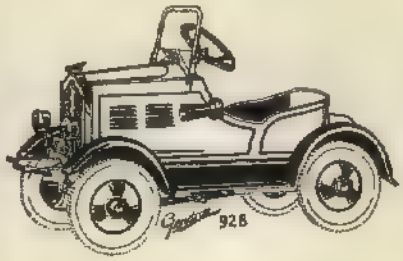
No. 911. Ship. wt. 52 lbs..Each **$15 00**

Spring Gear.

Length overall, 39 inches; finished in maroon with yellow and red stripes and decorations; 10 inch balloon type disc wheels finished in yellow, striped black with 1 inch rubber tires.

No. 916. Ship. wt. 47 lbs..Each **$20 00**

AUTOMOBILES

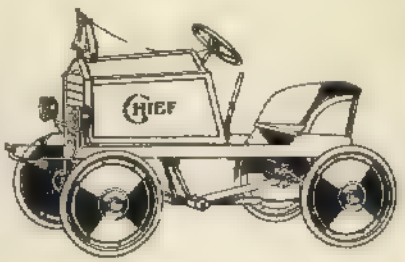


Spring Gear.

Length overall 42 inches; finished in vermillion with cream and green stripes and decorations; cream bands, green fenders; 10 inch balloon type disc wheels, enameled cream, with ¾ inch rubber tires.

No. 928. Ship. wt. 76 lbs..Each **$25 00**

FIRE CHIEF



Spring Gear.

Length overall 37 inches; finished in red with black and yellow stripes and decorations; black fenders; 10 inch disc wheels, enameled red, with 1 inch rubber tires.

No. 962. Ship. wt. 77 lbs..Each **$25 00**

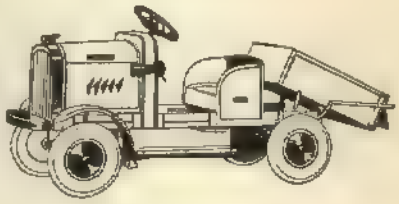
LADDER TRUCK

Length overall 46 inches; finished in red, striped and decorated in yellow and black with cream bands; 10 inch balloon type disc wheels enameled red with ¾ inch rubber tires.

No. 963. Ship. wt. 71 lbs..Each **$25 00**

AUTOMOBILES

DUMP TRUCK



All Steel.

Length overall 53 inches; finished in lichen gray; striped and decorated in orange and black with orange fenders and wheels; spring gear; adjustable rubber pedals; instrument board; dump bed 13x17x5 inches, operated by foot control lever in front of driver's seat; 10 inch balloon type disc wheels with 1 inch rubber tires.

No. 879. Ship. wt. 100 lbs..Each **$35 00**

DUMP TRUCK

Length overall, 48 inches; body, hood and seat finished in gray striped and decorated in silver gray; dump bed and fenders black; wheels yellow with black stripe; dump bed operated by handle beside driver's seat; 10 inch balloon type wheels.

No. 976. Ship. wt. 78 lbs..Each **$25 00**

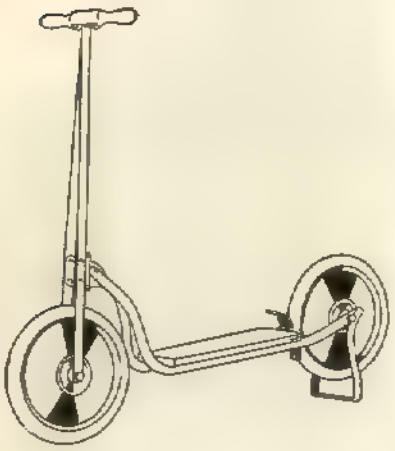
SCOOTERS

Metal frame and footboard enameled royal blue; disc wheels and cross handle enameled red, with plain bearings.

Nos.	103	120
Length overall, in.	32	36
Size of footboard, in.	4½x13	4½x12
Height to top of Hdl, in.	30	36
Diam. of wheels, in.	7	9½
Diam. of tires, in.	⅝	¾
Ship. wt. each, lbs.	8½	15
Each	$3 25	4 00

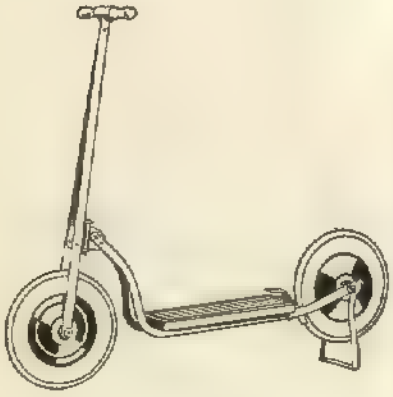
No. 103, four and No. 120, two in a carton.

SCOOTERS



All-steel frame, length overall 36 inches; 5x13 inch wood footboard with rubber mat; 9½ inch disc wheels with roller bearings and 1 inch rubber tires; brake on rear wheel; all metal parts red enameled.

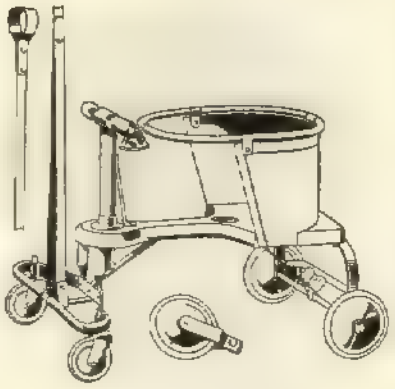
No. 133. Ship. wt. carton of two, 31 lbs. .....Each **$6 00**



All steel frame, length overall 36 inches; 5x13 inch wood footboard with rubber mat; 10 inch disc wheel with roller bearings and ¾ inch rubber tires; brake on rear wheel; all metal parts green enameled.

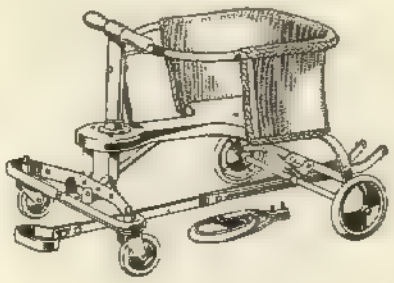
No. 135. Ship. wt. carton of two, 33 lbs ..... Each **$7 00**

TOT WALKERS



Easily converted to a tot bike, by removing front gear and substituting the extra one shown. Enameled steel body with rubber covered enclosing ring at top; wooden seat board finished in Indian buff; body and gears finished in beaver: rear wheels and extra front wheel 4½ inch, with ½ inch rubber tires; 3 inch rubber tired swivel casters on front gear; rubber bumpers front and rear; collapsible handle to attach to either front or rear; seat board 17¼x9½ inches; height to top of seat board 8 inches.

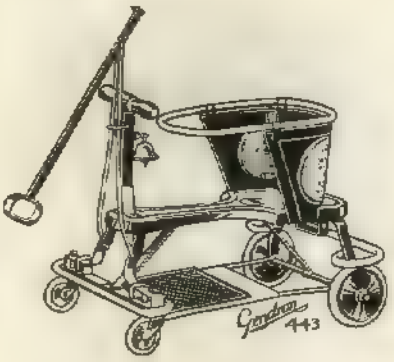
No. 444. Shipping wt. carton of two, 28 lbs. .....Each **$8 00**



Woven fibre body finished in peach with rubber covered enclosing ring at top; 4½ inch rear wheels with ½ inch rubber tires; 3 inch swivel rubber tired casters on front gear; gear finished in light blue; collapsible handle to attach to either front or rear; rubber bumpers front and rear; seat board 17¼ by 9¼ inches; height to top of seat board 8 inches.

No. 448. Shipping wt carton of two, 28 lbs. .....Each **$9 75**

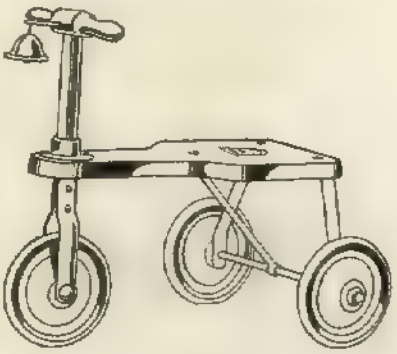
TOT WALKERS



Sheet metal body with rubber covered enclosing ring at top; metal foot rest; 4½ inch rear wheels with ½ inch rubber tires: 3 inch rubber tired swivel casters on front gear; seatboard and rear wheels finished in peach, back and gear in light green; rubber bumpers front and rear; collapsible handle which can be attached to either front or rear; seat board 19x8½ inches; height to top of seat board 8½ inches.

No. 443. Ship. wt. carton of one, 13 lbs . ... Each **$6 50**

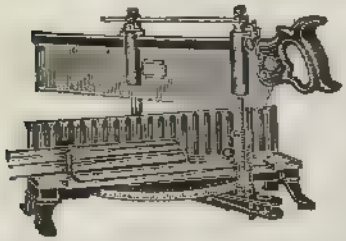
TOT VELOCIPEDES



Seat board 16 inches long by 7 inches wide; 8⅞ inches from floor to top of seat; 5½ inch disc wheels with ½ inch rubber tires; seat handles and wheels enameled light green, striped in yellow; gear enameled cream; bell on handle.

No. 410. Shipping wt carton of four, 25 lbs . .....Each **$3 50**

MITRE BOXES



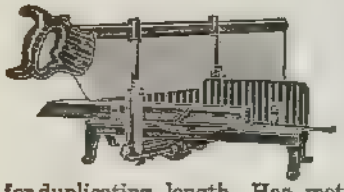
STANLEY
With Saw.

One piece cast iron frame. Swing lever is automatically locked at any angle and a flat spring catch when set, holds the spring lever unlocked. Steel rod saw guides. The uprights, front and back are graduated in sixteenths of inches and are provided with adjustable stops for regulating depth of cut. Has guides for holding work in place for or length gauges in duplicating short pieces, saws at any angle from 30 to 90 with work lying parallel to back of box. The peculiar shape of butt or heel in the mitre saws makes the toothed edge about 2 inches shorter than the full length of the blade.

Nos.	246	358
Size saw, ins	26x4	28x5
Width at right angle, ins	8¼	9½
Width at 45° angle, ins	5½	6½
Wt each, lbs	30	36
Each	$52 50	60 00

One in wood box.

LANGDON ACME



With Saw.

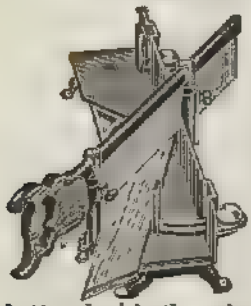
Cast iron frame; all polished parts nickel plated; graduated arc with various degrees marked on; saw can be secured at any angle. Supporting guides for holding work and length gauge for duplicating length. Has metal index plate with degrees marked thereon with each machine.

Has extension posts to give greatest width. Saw at any angle from 7½° to 90°; capacity 10¼ inches at right angle and 7 inches at mitre. The peculiar shape of butt or heel in the mitre saws makes the toothed edge about 2 inches shorter than the full length of the blade.

Nos.	73	74	75
Size	2	2½	2½
Size saw, ins	26x4	28x5	30x5
Length frame, ins	19⅛x4¼	19⅛x4½	19⅛x4½
Wt each, lbs	39	40	41
Each	$51 00	57 00	61 50

One in wood box.

IMPROVED NEW LANGDON



With Saw.

Cast iron frame, painted dark brown; malleable iron legs; corrugated back; polished steel uprights; cuts by using the circular arms or guides, from right angles to 75 degrees on 2½ inch stuff; also cutting from right angles to 45 degrees. The only box adjustable for mitreing circular work to patterns, emery wheels and segments of various kinds.

Capacity 9⅜ ins at right angle, 6¾ ins at mitre. The peculiar shape of butt or heel in the mitre saws makes the toothed edge about 2 inches shorter than the full length of the blade.

Nos.	32	34
Size	2	2½
Size saw, ins	24x4	28x5
Length frame, ins	19⅛x4¼	19⅛x4¼
Wt each, lbs	32	35
Each	$42 75	51 00

One in wood box.

MITRE BOXES

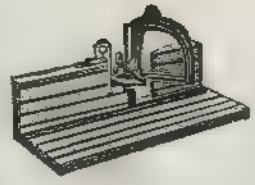
NEW LANGDON, With Saw.

Cast iron frame, painted corrugated back. Malleable iron legs; adjustable saw guides with spring lever clamping device to hold at any angle, notched to lock at regular angles from right angle to 45°; capacity 9⅜ ins at right angle and 6¾ ins at mitre. The peculiar shape of butt or heel in the mitre saws makes the toothed edge about 2 inches shorter than the full length of the blade. Each

No. 23—Size with 24x4 inch saw; length frame 19⅛x4¼ ins $39 00

One in wood box; wt each 27½ lbs.

PERFECTION



Without Saw.

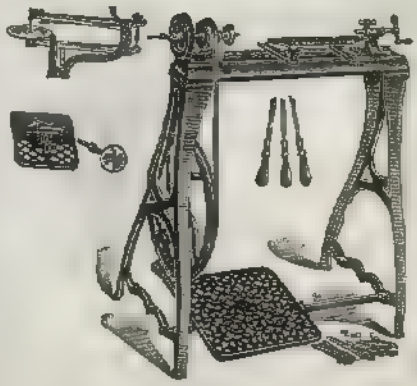
Japanned malleable iron frame; polished cast steel post; varnished inlaid hardwood base, tongued and grooved. Guide is held at any desired angle by sliding key and depth of cut is controlled by clutch on guide post; saws at any angle from 9° to 90° with work lying parallel to back of box. Detachable from wood base and takes hand, panel or back saw. Each

No. 10—Length base 16 ins; width 6 ins; 4x¾ in back $9 00

Two in wood box; wt each 5½ lbs.

LATHE, WITH SCROLL SAW ATTACHMENT

MILLER FALLS CO.



Japanned iron frame, drive wheel and treadle; 7½ inch iron tilting table, 20½ inch hardwood arms, with blower attachment; 13 inch drive wheel, round leather belt. Height 39 inches. Base 25x15 inches, bed 24 inches long; has 2 inch face plate, one spur center and one screw center. The scroll saw can be taken off by loosening one bolt. The tailstock has a screw feed center which is secured at any point desired by a clamping device.

Driving wheel is made with two grooves of different depths to give change of speed, as the belt runs from it to the cone pulley. 4x¾ inch solid emery wheel.

No. 320—Complete with lathe attachment; 12 saw blades, wrench, sheet of designs, long tool rest, short tool rest, 6 drill points, 1 straight turning chisel, 1 skew turning chisel, 1 turning gauge and screw driver (no circular saw attachment included) ..... $72 00 Each

One in wood box; wt each boxed about 75 lbs.

No. 319—Circular saw attachment only ..... $4 05 Each

One in wood box; wt each 3 lbs.

G

AMERICAN NATIONAL DOLL CARRIAGES

Fibre body, reclining back. Rubber tired wheels. Finished in Beaver two-tone design on body and hood. Gear in buff.

NO.	Body In.	Wheels In	Lbs. Ea.	EACH
714	19x9½	7x1⅜	11	$5.75

Packed two to a carton.

Fibre body, reclining back. Rubber tired wheels. Finished in Dove with gear buff.

NO.	Body In.	Wheels In.	Lbs. Ea.	EACH
718	20x10	8x1⅜	16	$7.00

Packed one in a carton.

Fibre body. Reclining back. Rubber tired wheels. Finished in orange with gear black.

NO.	Body In.	Wheels In.	Lbs. Ea.	EACH
709	17½x9	6x1¼	9	$4.00

Packed two to a carton

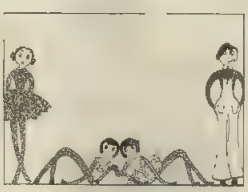
Fibre body. Stationary back. Rubber tired wheels. Finished in buff with gear black.

NO.	Body In.	Wheels In	Lbs. Ea.	EACH
708	16½x8½	6x1¼	9	$3.40

Packed two to a carton.

CHARACTER DOLLS

HOLLYWOOD IMPS



Stuffed character dolls. Filled with Kapoc. Light and flexible. Specify boy or girl.

NO.	Height In.	DOZEN
26	20	$16.50
24	24	16.50

Packed one dozen in a carton.

PEPPY PALS

The Dancing Marionettes

The biggest retail value ever offered to the trade.

Snap them together and they dance—separate them and you have two individual dolls for regular play. Just hold the "Dancing Marionettes" by the string so their feet touch the floor, turn on the radio or phonograph and you'll see all the latest dance steps, with a few original ones thrown in for good measure. And—for regular play purposes, the dolls can be unsnapped in a jiffy. Light in weight and strongly made with unbreakable heads. The "Dancing Marionettes" are dressed in a wide variety of children's costumes cut in the prevailing mode.

NO.	Ht. In.	EACH
201	12	$3.25

AMERICAN NATIONAL DOLL CARRIAGES G

Fibre body, reclining back, reversible gear, extension sides. Bed cushion "A" corduroy. Rubber tired wheels. Finished in orchid. Body design in two colors. Gear buff. Nickel plated handle.

NO.	Body In.	Wheels In.	Lbs. Ea.	EACH
748	23½x12½	10x3	44	$22.00

Packed one to a carton.

Fibre body, reclining back. Reversible gear. Extension sides "B" corduroy. Rubber tired wheels. Finished in Arctic Green with gear buff.

NO.	Body In.	Wheels In.	Lbs. Ea.	EACH
744	21x11	9x3	25	$17.00

Packed one to a carton.

Fibre body, reclining back. Reversible gear. Extension sides. Bed cushion "A" corduroy. Rubber tired wheels. Finished in dove with gear buff.

NO.	Body In.	Wheels In.	Lbs. Ea.	EACH
746	23½x13	9x3	29	$16.25

Packed one to a carton.

Fibre body. Reclining back. "B" corduroy upholstering. Rubber tired wheels. Finished in orchid with gear buff.

NO.	Body In.	Wheels In.	Lbs. Ea.	EACH
740	21x11	9x3	23	$13.50

Packed one to a carton.

Fibre body. Reclining back. Padded seat, back and sides "B" corduroy. Rubber tired wheels. Finished in blue. Belt in two colors. Gear buff.

NO.	Body In.	Wheels In.	Lbs. Ea.	EACH
736	19x11	9x3	20	$11.50

Packed one to a carton.

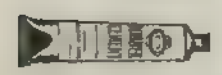
Fibre body, reclining back. Padded seat, back and sides. "B" corduroy. Rubber tired wheels. Finished in Arctic green with gear buff.

NO.	Body In.	Wheels In.	Lbs. Ea.	EACH
734	19½x10	8x3	17	$9.50

Packed one to a carton.

BICYCLE SUNDRIES

—BLUE GRASS—RUBBER CEMENT



	Per Doz	Per Gro
No. BG01—Tubes, ¾x4 ins	$1 35	15 75

One doz tubes in cardboard box; wt per doz 1 lb.

WOOD RIM CEMENT —BLUE GRASS—

The high grade of rubber and the chemicals used, compounded in accordance with exact methods insure the most perfect results. Will give perfect satisfaction to repair men and is guaranteed.

	Per Doz	Per Gro
No. BG3—Contents ¼ pt	$4 80	54 00

One doz cans in wood box; wt per doz 8¾ lbs

	Doz	Gro
No. BG1—Tubes, ¾x4 ins	$1 35	15 75

One doz tubes in box; wt per doz 1 lb.

	Doz	Gro
No. BG7—2 oz. bottle with swabs	$2 70	31 50

One doz bottles in carton; wt per doz 4¼ lbs.

NEVERLEAK TIRE FLUID

By injecting a four ounce tube of Neverleak Tire Fluid into a bicycle tire, it will be made leakproof.

The moment a tire containing "Neverleak" is punctured, the air pressure within forces the fluid into the aperture, and exposure to the outer air coagulated it and instantly closes the vent.

The thread end of the opening of the tube is exactly the right size to screw into the valve stem.

	Per Doz
No. 4T—4 ounce tubes	$5 85

One doz tubes in paper counter display case. We do not break pkg.

TIRE TAPE —BLUE GRASS—

High grade tape, possessing exceptional adhesive qualities; does not dry out easily, is capable of withstanding extreme heat much longer than is required by the most severe tests; ¾ inch wide; there is on an average of about two yards of tape in a one ounce roll.

Nos.	BG-D-1T	BG-D-2T	BG-D-4T	BG-D-8T
Size roll, ozs	1	2	4	8
Rolls to carton	16	8	1	1
Per Lb	$1 16	1 13	1 10	1 10

BICYCLE ENAMEL

—ACME—

Ground in pure linseed oil.

An enamel which will cover perfectly and dry with a beautiful lustrous finish. Only one coat is necessary. Our black enamel is not ordinary asphaltum disolved, but a high grade pigment ground in oil the same as our other colors.

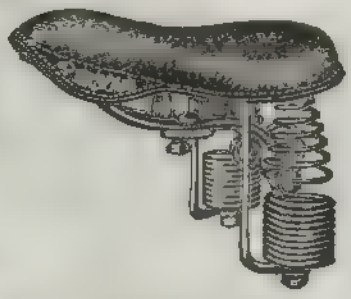
In ¼ lb. friction top cans.

Nos.	20	21	22
Color	Black	Red	Blue
Per Doz	$6 00	8 25	8 25

One doz cans in wood box; average wt per doz 4¼ lbs.

BICYCLE SADDLES

JUVENILE

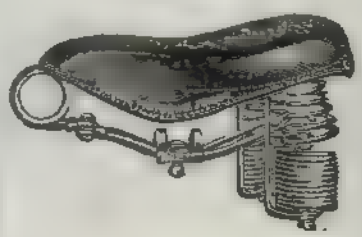


Good quality leather, mahogany color; perfectly formed and stitched around the edge; hair padded seat; nickel plated steel frame, truss and springs; two cushion coil springs in rear.

	Per Doz
No. D103—Length 7½ ins; width 6½ ins	$40 95

Packed loose; wt per doz 24 lbs.

MOTORBIKE STYLE

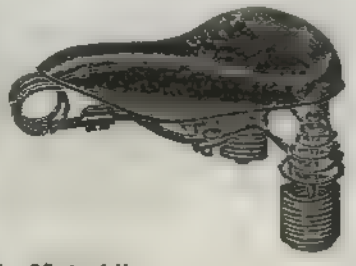


Good quality leather, mahogany color; perfectly formed and stitched around the edge; hair padded seat; metal eyelet for attaching tool bag; black enameled steel frame and springs; two cushion coil springs in rear and nose coil in front.

	Per Doz
No. D6—Length 10 ins; width 8 ins	$49 50

Packed loose; wt per doz 42 lbs.

TROXEL, Tip Top.



Good quality black leather top; frame, springs, and truss of steel, black enameled. Spiral cushion springs at rear, nose coil in front.

	Per Doz
No. D3—Length 9¾ ins; width 7½ ins	$54 00

Packed loose; wt per doz 30 lbs.

TROXEL, Motorbike.

Select quality figured russet leather top, hair padded, stitched and formed to fit the shape over a 5-ply wood veneer base. Frame, springs and truss of best steel, black enameled. Large spiral cushion springs at rear, nose coil in front. Truss is equipped with universal clamp which is easily adjusted and will fit upright or horizontal seat post.

	Per Doz
No. D20—Length 10½ ins; width 8½ ins	$69 00

Packed loose; wt per doz 40 lbs.

BICYCLE TIRES

GENUINE G. & J.
Casings Only, Double Clinch, Corrugated Tread, Road Weight.

Extra quality thread fabric and a high grade friction with an extra high grade tread stock. Casings are made with a double bead and will fit either a single clinch steel rim or a double clinch wood rim. The beads that engage the grooves in the rim and the lap, that goes on the interior of the casing, are a number of plies of fabric, properly frictioned and as the correct hardness to make a perfect joint with the rim. Guaranteed.

Gray Sides, Red Center. Per Pair

No. 1—1¾x28 ins. $11 25
No. 2—1⅝x28 ins. 11 25

Packed loose, average wt per pair 5 lbs.

HOW TO ORDER BICYCLE TIRES, WHEELS, RIMS

You can easily find the correct size tire for your bicycle by measuring the distance from the ground to the top of the tire, when the tire is on the wheel and fully inflated. Or you can measure the diameter in inches between outside edges of the rim and add three inches, which gives you the tire size. For example: Take a rim measuring 25 inches from edge to edge, which takes a 28-inch tire—the standard size on men's and women's bicycles. Juvenile bicycles with 23-inch rims take 26-inch tires or with 21-inch rims take 24-inch tires. The 17-inch rims take 20-inch tires.

INNER TUBES

—BLUE GRASS—

Highest grade Para rubber and are so constructed that the walls consists of several plies of rubber laid on top of another and all vulcanized together, this makes tube stronger in the same way that a laminated rim is stronger than a one piece rim. Is unusually heavy and is very tough and strong.

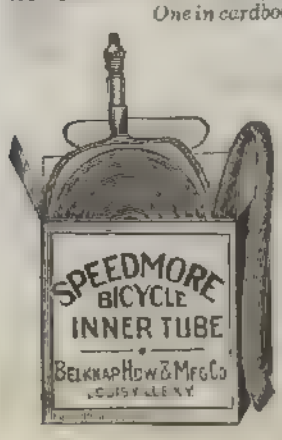
Gray. Per Doz

No. 8BG—M & W. style cemented butt end, 1¼x26 ins. $27 00
No. 9BG—M. & W. style cemented butt end, 1¼x28 ins. 27 00
No. 10BG M. & W. style cemented butt end, 1⅜x28 ins. 27 00
No. 01BG—G. & J. style, 1⅜x28 ins. 25 50

Pure Red Rubber. Per Doz

No. 03BGR G & J style, 1¼x28 ins. $26 25
No. 04BGR—G & J style, 1⅜x28 ins. 26 25

One in cardboard box; wt per doz 6 lbs.



—SPEEDMORE—

High grade Para rubber, so constructed that the walls consists of several plies of rubber laid on top of another, all vulcanized together, making a strong and serviceable tube.

Per Doz

No. 010S—G. & J. style 1¼x26 ins. $23 25
No. 011S—G. & J. style 1⅜x28 ins. 23 25

One in cardboard box; wt per doz 6 lbs.

INNER TUBES

G & J—ENDLESS

Strictly high grade rubber.

Per Doz

No. 1T—1¼x28 ins. $27 75

One in cardboard box; wt per doz about 6 lbs.

BICYCLE SUNDRIES

VALVE CORES, For Schrader Valves.

Brass seat spring washer and screw washer all fastened on shank to fit inside of Schrader valves.

No. B-4000
Less than 1000, Per 100 . . . . . $10 50
1000 and over, Per 1000 . . . . . 97 50

Packed five in tin box; wt per 100 about ¼ lb.

VALVE CAPS, For Schrader Valves.

Brass nickel plated, with knurled edge and slot in top can be used to remove plunger core; rubber washer in top. Length 11/16 inch.

No. B-880
Less than 1000, Per 100 . . . . . $10 50
1000 and over, Per 1000 . . . . . 97 50

Packed loose; wt per doz ⅜ oz.

SCHRADER'S SHOE VALVES

Simple and absolutely air tight. Per 100

No. 761V—Brass, top nickel plated; height 2 ins; diam 5/16 in; diam of base 11/16 in; washer, set screw and knurled edge cap included. $42 60

Packed loose; wt per doz about ½ lb.

SAMPSON SHOE VALVES

Brass, nickel plated, 2¼ inches high, with detachable shoe base and lock nut. Owing to its shape it cannot pull loose or cut, even if tire creeps, and will hold firmly in the tire. All Schrader parts fit this valve.

Per 100

No. 733V—Wt per doz about ½ lb. . . . $47 25

Packed loose.

REPAIR TOOLS

OKEH

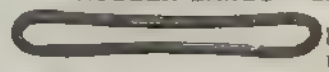
Polished tempered steel needle; bright wire hook, malleable iron handle, bright finish.

For closing punctures in tires with rubber bands. Per Doz

No. 10—Length 6 ins. $5 40

One in carton; one doz in cardboard box; wt per doz 2 lbs.

RUBBER BANDS "See Dept 7, Page 1735."



Pure gray rubber; 2 inches long; 1/16 inch wide. Approximately 2700 to the pound.

Per Lb

No. 14-¼—In ¼ lb boxes $5 70

BRASS PLUGS

All brass, with oval bottom plate, shaped to properly meet the concave of the tire and prevent leakage. Can be inserted in the smallest puncture with ease by a rotary motion, can not pull through, makes a permanent repair in any kind of single tube tire. Per Gro

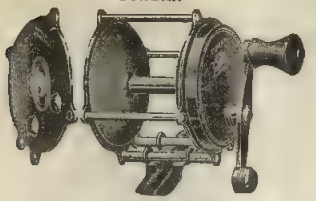
No. 1S—Small. $19 50
No. 2M—Medium 19 50
No. 3L—Large. 19 50

Packed loose; average wt per gro 3 lbs.

J

SALT WATER REELS

EUREKA



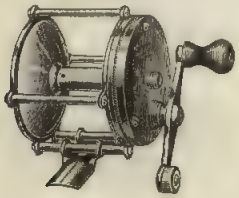
Pflueger—Double Multiplying

Brass, nickel plated, raised pillars, click and drag. Balanced coffee grinder handle.

NO.	Cap. Yd.	Pillar In.	Disc In.	EACH
2150	150	1⅝	3	$2.50
2200	200	1⅞	3¼	2.75

Packed one in a box.

HENDRYX



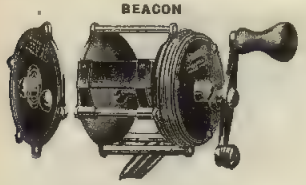
Double Multiplying

Heavy brass side plates, nickel plated. Raised pillars, click and drag. Shaped, balanced handle. Oil cup in both side plates.

No.	Cap. Yd.	Pillar In.	Disc In.	EACH
H2600	300	1⅝	3¾	$3.75

Packed one in a box.

BEACON



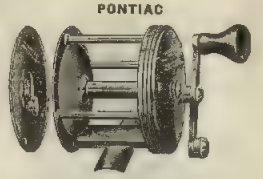
Pflueger—Double Multiplying

Nickel plated; extra strong; raised pillars, back sliding click and drag; steel cog post, ratchet and click; tongue bushed oil cup on front and back plates; hard rubber coffee grinder handle. Fitted with wood thumb brake.

No.	Cap. Yd.	Pillar In.	Disc In.	EACH
3200	200	1⅝	3¼	$4.25
3250	250	1⅞	3⅜	4.50
3300	300	1⅞	3¾	5.00

Packed one in a box.

PONTIAC



Pflueger—Double Multiplying

All metal, nickel plated; round pattern; adjustable back sliding click and drag; steel pivots and cog post; bushed bearings with fancy oil cups on front and back plates; hard rubber coffee grinder handle; Kentucky pattern cross plate —Fitted with thumb brake.

NO.	Cap. Yd.	Disc In.	Pillar In.	EACH
5200	200	3 1/16	2	$5.00
5250	250	3¼	2 1/16	5.25
5300	300	3⅜	2 1/16	5.75
5400	400	3¾	2¾	8.50

Packed one in a box.

OCEANIC—FREE SPOOL

A free spool double multiplying reel, designed especially for surf casting. Gears may be disengaged by lever on reel side plate, reducing friction to a minimum and insuring greatest efficiency of the user. Full nickel plated, rubber plates with metal bands on edges, metal disc with gear bridge and pivot bearing, adjustable click, fancy crank with special handle, steel pivots.

Pflueger—Brass—Nickel Plated

NO.	Capacity	EACH
2817	200 yd.	$ 9 25
2818	250 yd.	9.75
2819	300 yd.	10.50
2819½	350 yd.	12.75
2819¾	400 yd.	14.75

With California drag handle and handle stop.

NO.	Capacity	EACH
2192	400 yd.	$22.50

Pflueger—Nickel Silver

NO.	Capacity	EACH
2857	200 yd.	$10.00
2858	250 yd.	10.50
2859	300 yd.	11.50
2859½	350 yd.	14.00
2859¾	400 yd.	16.00

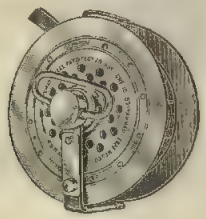
New "Par" Pflueger

With Williams drag handle and handle stop.

NO.	Capacity Yd	EACH
3859	300	$24.00
3859½	350	26.00
3859¾	400	27.00

AUTOMATIC REELS J

Automatic reels are designed for the purpose of controlling the tension of the line in such a manner that no slack is given, no matter how swiftly a fish may turn. And that's the idea of the automatic—just to take in the slack, not to reel in the fish or, in the slightest degree, lessen the sensation of fighting.



Y & E—Combination

Made of aluminum with tool steel bearings. Throw off button makes spool free for casting. Has carbon steel line guide.

Capacity 125 feet of No. 5 silk line; winds automatically 50 feet without re-winding.

NO.		EACH
A		$10.00

Capacity 300 feet of No. 5 silk line, winding automatically 90 feet without re-winding.

NO.	Diam.	Wt. Each	EACH
B	3⅜ in.	11 oz.	$12.00

Capacity 600 ft. No. 5 silk line. Rewinds automatically 150 ft. line.

NO.	Diam.	Wt. Each	EACH
C	4½ in.	15 oz.	$14.00

Packed one in a box.

SUPEREX

SWINGING LOOP LINE GUIDE

Pflueger

New Pflueger "Superex" automatic reel. Strong, light weight, gun metal finish, tungsten steel line guide; has automatic free spool lever release for casting.

NO.	Capacity	Wt. Each	EACH
775	150 ft.	9 oz.	$ 6.00
778	250 ft.	14 oz.	10.00

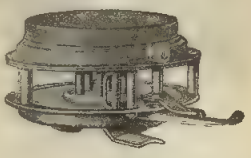
Packed one in a box.

PERRINE

Brake-Free—Automatic

Will retrieve 80 to 100 ft. at one winding.

NO.	Capacity	EACH
P-50	50 yd. G	$8.00



Martin

Frame of aluminum, double thick reel seat of brass with tapered ends, lever shaped to conform to shape of finger, has strong release spring insuring smooth action.

Gears are accurately cut and run on hardened steel bearings. Has hardened loop line guide. Made in three popular sizes.

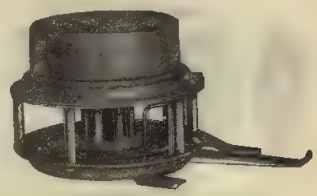
The larger sizes are especially adapted for bass and salmon or large lake trout fishing.

NO.	Capacity Size G Line	Wt. Each	EACH
2 Martin	90 ft.	7 oz.	$6.00
3 Martin	150 ft	9 oz.	6.50
4 Martin	225 ft.	11 oz.	7.00

Martin—Fly-Wate

NO.	Capacity Size G Line	Wt. Each	EACH
26	75 ft.	4½ oz.	$ 8.00
27	90 ft.	6 oz.	10.00
28	150 ft.	8 oz.	12.00

TROLLING



Martin

Aluminum frame, satin finish; equipped with tungsten steel line guide. Made for heavy fishing. Will rewind 150 foot line at one winding of spring.

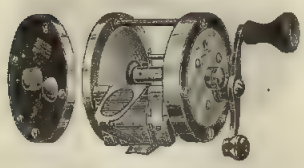
NO.	Capacity Size G Line	Wt. Each	EACH
5 Martin	250 ft.	16 oz.	$10.00

Packed one in a box.

SALT WATER REELS J

DOUBLE MULTIPLYING—SURF CASTING—BOAT AND TARPON

EVERLASTER



Pflueger—Brass, Nickel Plated

Round pattern; hard rubber side plates, metal bound; adjustable back sliding click and drag, steel pivots; cog post and ratchet; bridged front plate; hard rubber coffee grinder handle; bushed oil cups on front and back plates.

NO.	Capacity	Dia. Spool In.	Pillar In.	EACH
6200	200 yd.	3 1-16	2	$ 7.75
6250	250 yd.	3 1-4	2 1-16	8.50
6300	300 yd.	3 1-2	2 1-16	9.00
6350	350 yd.	4	2 1-4	11.00
6400	400 yd.	4 1-4	2 1-4	14.00

Satin, Nickel Silver

NO.	Cap. Yds.	Spool In.	Pillar In.	EACH
7500	500	4¼	2¾	$26.00

Everlaster with California Drag Handle and Stop Fitted
Brass, Nickel Plated

NO.	Capacity	EACH
CS6400	400 yd.	$20.00

Nickel Silver

NO.	Capacity	EACH
CS7450	450 yd.	$30.00
CS7500	500 yd.	31.00

HENDRYX

Brass, Nickel Plated

Similar to 6100 series, except made with brass pivots and without brake.

NO.	Capacity	Diam. Spool, In.	EACH
4500	300 yd.	3 1-2	$7.00

One reel in a box

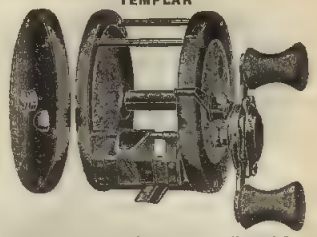
Extra Screws $0.30

SUMCO FREE SPOOL

A multiplying surfcasting reel with free spool. Bright gun metal finish.

NO.	Capacity	EACH
2256	250 yds.	$4.50

TEMPLAR



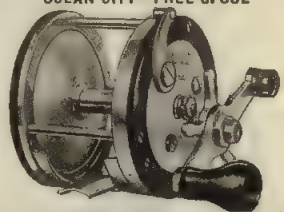
Pflueger—Tuna—With Drag Handle and Stop

Double multiplying, round pattern, fine rubber metal bound discs, adjustable back sliding click, steel pivots and cog post, bridged front plate, bushed oil cups on front and back plate, solid cast cross plate, hard rubber coffee grinder handle fitted with a patent metal and wood thumb brake acting directly on spool. Equipped with double William's drag handle and stop; very desirable features allowing complete control of fish at all times and avoids maiming of hands.

NO.	Capacity	Pillar	Disc	EACH
6500	500 yd.	2½ in.	4½ in.	$45.00

One in a box.

OCEAN CITY—FREE SPOOL



Made of nickel silver with hard rubber disc side plates. Free spool manipulated by convenient top throw off. Steel pivots, bronze bearings; pear shaped handle, adjustable back sliding click. Star shaped drag for line tension. Construction and placement of top cross bar allows the user greatest possible freedom in thumbing line in surf casting.

NO.	Capacity	Pillar	Disc	EACH
101	250 yd.	1¾ in.	2¾	$10.00
102	300 yd.	2 in.	3¼	12.00

One in a box.

OCEAN CITY—LONG KEY

NO.	Capacity Yds.	EACH
110	450	$25.00

J

SALT WATER REELS

OCEAN CITY—FORTESQUE—FREE SPOOL

A sturdy free-spool reel. Made of best quality German silver, with specially hardened and tempered steel pivots running in phosphor bronze bearings. Double multiplying action and fitted with improved spiral frictionless gears. The free-spool throw-off is conveniently located at top. The sliding click, top bar placed to afford the greatest freedom in thumbing the line. Surf casting.

NO.	Capacity	Pillar	Disc	EACH
103	250 yd.	1⅞ in.	2¼ in.	$6.50

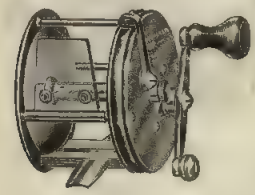
OCEAN CITY—SEA GIRT—FREE SPOOL

Similar in design to Fortesque, but with plain gun metal finish.

NO.	Capacity	Pillar	Disc	EACH
107	250 yd.	1⅝ in.	2¼ in.	$4.00

One in a box

TEMCO—FREE SPOOL



Pflueger

All metal, nickel plated, round pattern. Adjustable back sliding click and drag, steel pivots and cog post. Bushed bearings. Adjustable oil cups. Hard rubber pear shaped balanced handle, throw-off lever conveniently located; fitted with leather thumb brake. Free spool; surf casting.

NO.	Cap. Yds	Disc In.	Pillar In.	EACH
2357	200	3 7/16	2	$7.00
2358	250	3¼	2 7/16	8.00
2359	300	3½	2 7/16	8.50

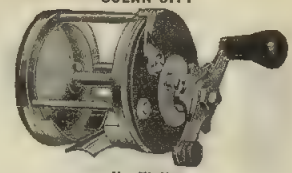
One in a box.

OCEAN CITY—FREE SPOOL—SURF
"St. Lucie"

Nickel silver frame and spool with bakelite reinforced side plates. Bronze bearings. Steel pivots. Convenient lever throw-off. Shaped handle with large grip.

NO.	Capacity	Disc In.	Pillar In.	EACH
109	250 yd.	2¼	1⅝	$7.50

OCEAN CITY



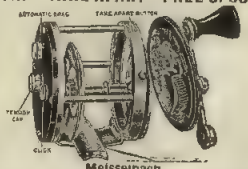
Ike Walton

A free spool reel, embodying tak-a-part feature. Tension drag or free handle. Designed especially for surf casting. Double multiplying; made of nickel silver with bakelite side plates.

NO.	Capacity	Pillar	Spool	EACH
100-IW	250 yd.	1⅝ in.	2¼ in.	$20.00
105-IW	300 yd.			25.00

Packed one in a box.

SURF—TAKE APART—FREE SPOOL



Meisselbach

Hard rubber and nickel silver of best quality. Spool has steel pointed pivot axles which run in adjustable phosphor bronze bearings. The strong one-piece cross plate is solidly riveted to the rigid truss-frame rims. Can be easily taken apart. Simple and perfect throw off machanism, with automatic drag. Free spool; surf casting.

Capacity
- No. 9—Cuttyhunk Line ..... 300 yds.
- No. 12—Cuttyhunk Line ..... 225 yds.
- No. 15—Cuttyhunk Line ..... 180 yds.
- No. 18—Cuttyhunk Line ..... 150 yds.

NO.	Width	EACH
50	1 1/16 in.	$36.00

Packed one in a box.

CHELSEA—FREE SPOOL

Ocean City

Spool of nickel silver with bakelite end plates, bronze spiral gears, recessed cross bars, substantial solid seat. Crank with large shaped grip, well balanced. Throw off lever conveniently located at side of frame.

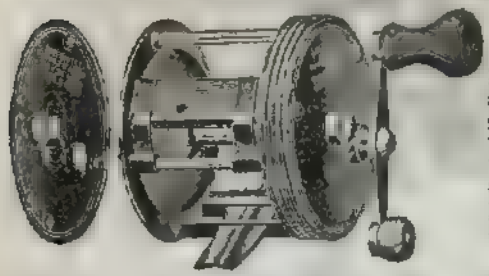
NO.	Capacity	EACH
108	250 yd.	$5.00

One in a box.

FISHING REELS

PFLUEGER, PONTIAC

For Salt Water Fishing, Double Multiplying.

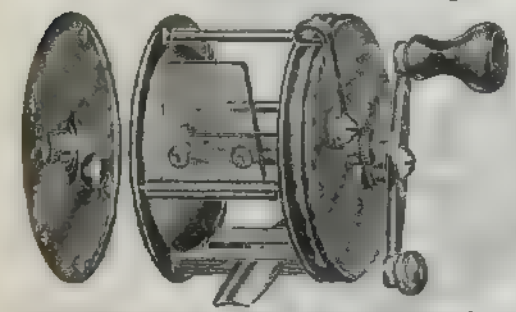


Polished nickel; generated spiral tooth gears; steel pivots; adjustable tension oil cups; adjustable click; patented thumb brake.

Nos.	356	357	358	359
Capacity, yds	150	200	250	300
Length pillar, ins	2	2	2	2
Diam disk, ins	3	3¼	3½	3¾
Wt each, ozs	18	24	28	36
Each	$10 35	10 95	12 15	14 25

PFLUEGER, TEMCO

For Salt Water Fishing.

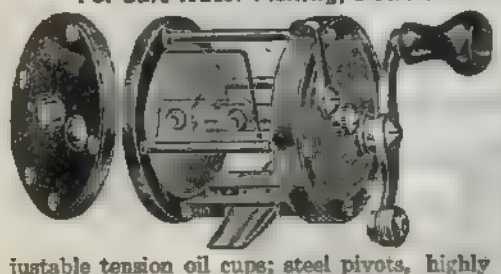


Double Multiplying. All metal reel, satin gun metal finish; generated spiral tooth gears; bushed for bearings; adjustable back sliding click leather thumb brake; steel pivots, highly polished: balanced crank with bakelite handle; rust proof line hole.

Nos.	2457	2458	2459
Capacity, yds	200	250	300
Length pillar, ins	2	2	2
Diam disk, ins	3¼	3½	3¾
Wt each, ozs	18	24	24
Each	$15 75	16 50	17 25

PFLUEGER, OCEANIC

For Salt Water Fishing, Double Multiplying.



Generated spiral tooth gears; hard rubber plates, reverse metal bound; bushed for bearings; adjustable back sliding click, patented adjustable tension oil cups; steel pivots, highly polished; balanced crank with bakelite handle; rust proof line hole.

Polished Nickel.

Nos.	2817	2818	2819	2819½
Capacity, yds	200	250	300	350
Length pillar, ins	2⅛	2⅛	2⅛	2⅛
Diam disk, ins	3	3¼	3½	4¼
Wt each, ozs	18	24	24	30
Each	$21 45	22 50	25 50	27 00

Satin Nickel Silver.

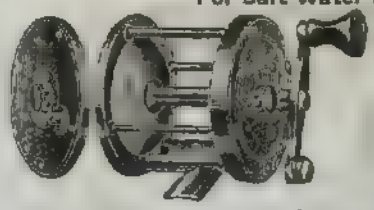
Nos.	2857	2858	2859	2859½
Capacity, yds	200	250	300	350
Length pillar, ins	2⅛	2⅛	2⅛	2⅛
Diam disk, ins	3	3¼	3½	4¼
Wt each, ozs	18	24	24	30
Each	$24 00	25 50	28 05	30 00

All above one in cardboard box.

FISHING REELS

PFLUEGER, EVERLASTER

For Salt Water Fishing.



Surf Casting-Double Multiplying.

Generated spiral tooth gears; hard rubber disks, reverse metal bound; bushed for bearings; adjustable back sliding click; patented adjustable spring extension cup; steel pivots; balanced crank; nickel plated, with bakelite handle.

Polished Nickel.

Nos.	2016	2017	2018	2019	2019¼
Capacity, yds	150	200	250	300	400
Length pillar, ins	1⅞	2⅛	2⅛	2⅛	2¼
Diam disk, ins	3	3	3¼	3½	4¼
Wt each, ozs	18	18	24	24	30
Each	$16 50	17 85	19 05	20 40	28 05

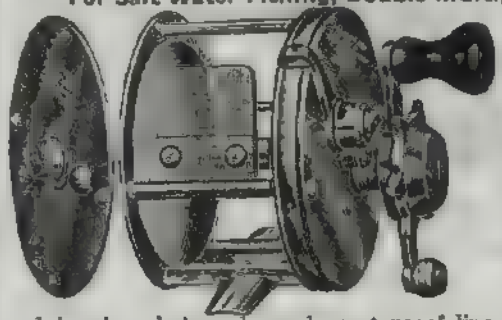
Satin Nickel Silver.

Nos.	2057	2058	2059	2059¼
Capacity, yds	200	250	300	350
Length pillar, ins	2⅛	2⅛	2⅛	2⅛
Diam disk, ins	3	3¼	3½	4¼
Wt each, ozs	18	24	24	30
Each	$19 50	21 45	22 50	31 50

One in cardboard box.

PFLUEGER, OHIO

For Salt Water Fishing, Double Multiplying.



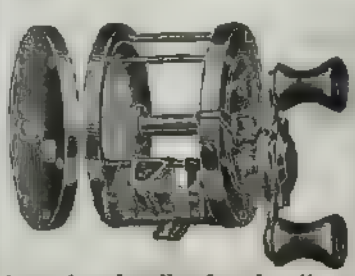
Polished nickel; generated spiral tooth gear; bushed for bearings; adjustable back sliding click; leather thumb brake; steel pivots, highly polished; end bearing; balanced crank; rust proof line hole; bakelite handle.

Nos.	2558	2559
Capacity, yds	250	300
Length pillar, ins	2	2
Diam disk, ins	3½	3¾
Wt each, ozs	24	26
Each	$27 75	35 25

One in cardboard box.

PFLUEGER, TEMPLAR

For Salt Water Fishing.



Double Multiplying. Generated spiral tooth phosphor bronze gears; hard rubber disks, reverse metal bound; phosphor bronze bushed for bearings; patented thumb brake; adjustable back sliding click; patented adjustable tension oil-cup; steel pivots. Pflueger-Williams drag handle; drag handle stop with lever control; nickel silver finish with bakelite handles; complete oiling device.

Nos.	1419½	1420	1420½
Capacity, yds	350	450	500
Length pillar, ins	2¼	2¼	2¾
Diam disk, ins	4¼	4½	4½
Wt each, ozs	28	30	32
Each	$72 30	92 85	103 20

One in cardboard box.

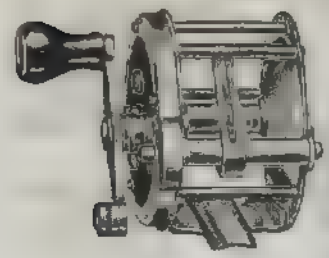
FISHING REELS

OCEAN CITY MANUFACTURING CO.

DOVER CLUB SURF CASTING

TOP-SAIL LEVEL WINDING

For Salt Water Fishing.



Double Multiplying.

Polished nickel silver frame, with bakelite discs; hardened and tempered steel pivots running in phosphor bronze bearings. Suitable for all kinds of fresh water fishing and for salt water fishing. Balanced crank with black wood handle.

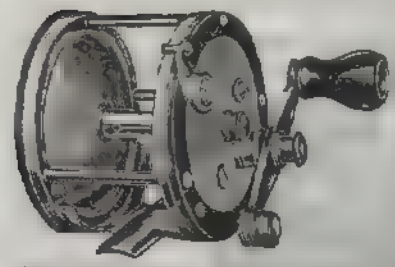
Each

No. OC104—Capacity 250 yds; diam of disk 3¼ ins; length pillar 1¾ ins $26 40

One in cardboard box; wt each 1½ lbs.

OCEAN CITY, SURF CASTING

For Salt Water Fishing.



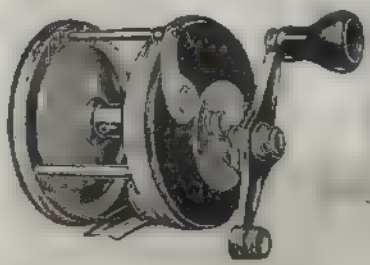
Double Multiplying.

Best qualtiy German silver frame, with bakelite end-discs specialy hardened steel pivots running in phosphor bronze bearings. The free-spool throw-off is located at top of reel, making it easy of access. The construction and placement of top bar allows cas'or the greatest possible amoun' of freed m in thumbing. Patent adjustment spring for proper ten.ion. Removable back-sliding click. Balanced crank with black wood handle.

Nos.	OC101	OC102
Capacity, yds	250	300
Length pillar, ins	1⅞	1⅞
Diam disc, ins	3	3½
Wt each, lbs	1¼	1½
Each	$22 05	25 35

One in cardboard box.

For Salt Water Fishing.



Double Multiplying.

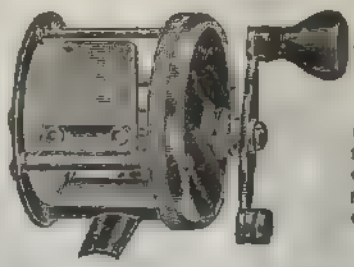
Best qualtiy German silver frame with bakelite discs; main gear is of brass, bronze pinion gear, German silver locking pin, hardened steel click wheel hardened and ground spring steel pinion, phosphor bronze pivot bushing and click spring. Star shaped drag on handle adjustable from 4 ounces to 2 pounds tension. Removable back-sliding click. Balanced crank with bakelite handle.

Each

No. OC100—Capacity 250 yds; diam of disc 3 ins; length pillar 1⅞ ins $44 10

One in cardboard box; wt each 1¼ lbs.

FISHING REELS



TAMPA, For Salt Water Fishing.

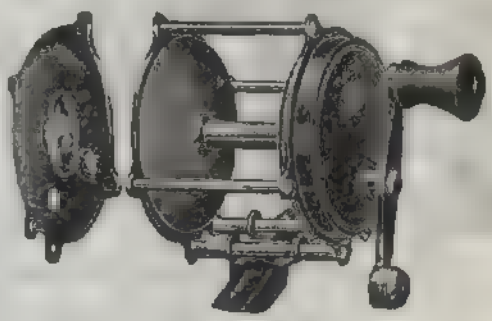
Multiplying. Adjustable click. Steel pivots, axle, spring and ratchet; oil cups over pivot bearings. Special shape black enameled handle. 2 inch pillar.

Nos.	1006	1007	1008	1009
Capacity, yds	150	200	250	300
Diam, ins	2¹⁵⁄₁₆	3⅛	3½	3¾
Wt each, ozs	18¾	21¾	25	28
Each	$10 35	10 80	11 65	16 50

One in cardboard box.

PFLUEGER, EUREKA

For Salt Water Fishing.



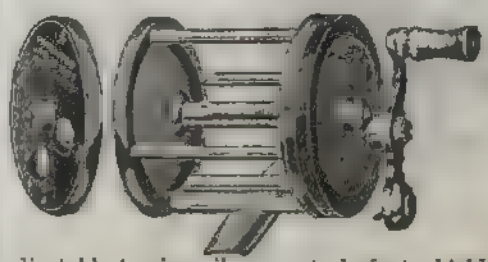
Double Multiplying. Polished nickel; adjustable back sliding click and drag; balanced crank with rubberoid handle; oil cup on back plate.

Nos.	2036	2037
Capacity, yds	150	200
Length pillar, ins	1⅜	1⅞
Diam disk, ins	3	3½
Wt each, ozs	15	18
Each	$6 00	6 60

One in cardboard box.

PFLUEGER, CAPITOL

For Salt Water Fishing, Quadruple Multiplying.



Polished nickel; front plate hard rubber and metal combination; back plate, reverse metal bound and bushed for bearing; patented adjustable tension oil cups; steel pivots, highly polished; adjustable back sliding click and drag; steel pinion; balanced crank handle.

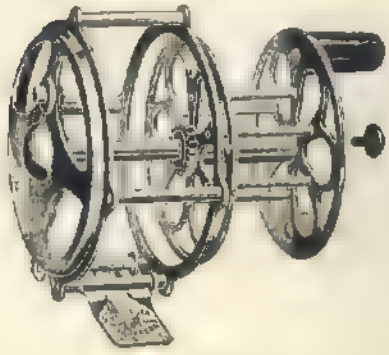
Nos.	Jeweled	Plain 605
Capacity, yds	80	100
Length pillar, ins	1⅞	1⅞
Diam disk, ins	2½	2½
Wt each, ozs	12	15
Each	$11 25	13 20

One in cardboard box.

REELS.

FLY CASTING.

PFLUEGER PROGRESS



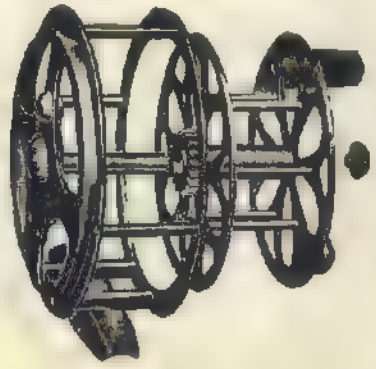
Single Action.

Satin gun metal finish; has one-piece perforated back plate, which adds greatly to the strength and decreases weight of reel; perforated, removable spool; steel axle, adjustable back sliding tempered steel click; black celluloid handle.

No. 1183. 60 yards. ¾ in. pillar; 2⅝ in. plate. Wt. ea. 3½ ozs...Each **$1 40**

No. 1184. 80 yards; 1 in. pillar; 2¾ in. plate. Wt. ea. 3¾ ozs...Each **$1 50**

PFLUEGER SAL-TROUT



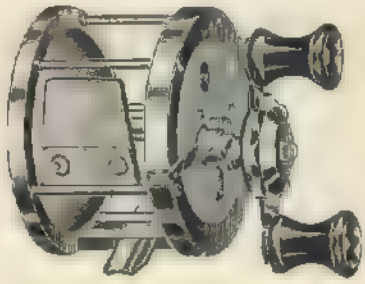
Single Action.

One of the few single action fly reels that will hold a large quantity of line; built especially for Rogue river fishing where a great deal of good heavy line is needed; substantially constructed; perforated, one-piece back plate which adds strength and decreases weight; has a perforated removable spool; steel axle; adjustable back sliding tempered steel click and black celluloid handle; satin gun metal finish; 100 yards capacity. Pillar measures 1⅝ inches; disk, 3½ inches. Packed one in a fancy box

No. 1555. Wt. ea. 9 ozs. ..Each **$4 00**

TROLLING

PFLUEGER TEMPLAR



Free Spool—Double Multiplying

Satin Nickel Silver

The Templar is constructed to withstand the terrific strains of all salt water fishing. Designed with many improved features. Handle drag (Williams patent) a locking washer firmly secures drag to reel. Any degree of tension can be obtained while fish is in play by adjusting the star wheel. One set of extra friction washers and one combination screw driver and wrench included with each reel.

Drag Stop: Controlled by a shifting lever, operated on the edge of front plate.

Leather Thumb Brake: Substantial construction and swings freely.

Tension Oil Cup: Permits of quick adjustment of all spool end play.

Oiling System: Whereby every part can be oiled and greased without removing a screw.

Cross Plate: One piece with shoulder extensions into both front and back plate.

Nickel silver is treated to prevent tarnish; generated spiral tooth phosphor bronze gears; hard rubber plates, reverse metal bound; phosphor bronze bushed, for bearings; adjustable back sliding click; steel pivots, highly polished, end bearing; bakelite handle, not wood enameled; rust proof line hole. Each reel is wrapped in silver tissue and anti-tarnish paper. One in a fancy card box.

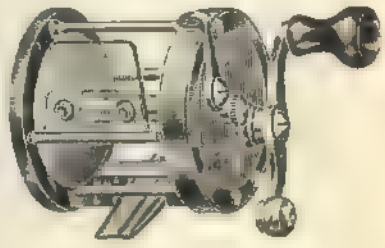
No. 1419. 300 yd. 2¼ in. pillar, 3½ in. plate. Wt. ea., 26 ozs. Each **$33 00**

No. 1419½. 350 yd. 2⅜ in. pillar 4¼ in. plate. Wt. ea., 28 ozs. Each **$35 50**

No. 1419¾. 400 yd. 2½ in. pillar; 4½ in. plate. Wt. ea., 30 ozs. Each **$40 00**

TROLLING

PFLUEGER OCEANIC



Free Spool—Double Multiplying

Polished Nickel Plated

The Oceanic is designed to meet all the requirements of a strictly high grade free spool surf-casting reel. The throw in and out of gear mechanism is controlled by a shifting lever which comes up and over the edge of front plate and operated without any possibility of injury to the hand. By throwing this lever up full distance the gears are firmly locked in mesh. Throwing the lever down full distance the gears are held firmly out of mesh thereby avoiding stripping and all other damage to the gears. Constructed as follows: Improved one piece cross plate with extension shoulders which pass into both front and back plates, thus preventing all possibility of the cross plate screws shearing off. End play of the spool can be taken up with the patented adjustable tension oil cups. Leather thumb brake except No 2815. Nickel silver is treated to prevent tarnish; generated spiral tooth gears, hard rubber plates, reverse metal bound; adjustable back sliding click; patented adjustable tension oil cups; steel pivots, highly polished, end bearing; fancy crank, balanced; bakelite handle; rust proof line hole

No. 2816. 150 yd. 1⅞ in. pillar; 3 in. plate. Wt. ea 17 ozs.....Each **$7 50**

No. 2817. 200 yd. 2⅛ in. pillar; 3 in. plate. Wt. ea. 19 ozs.....Each **$9 25**

No. 2818. 250 yd. 2⅛ in. pillar; 3¼ in. plate. Wt. ea. 21 ozs....Each **$9 75**

No. 2819. 300 yd. 2⅛ in. pillar; 3½ in. plate. Wt. ea. 23 ozs....Each **$10 50**

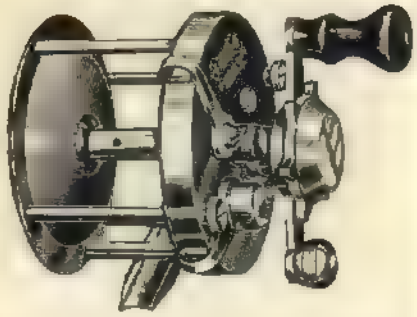
No. 2819¼. 350 yd. 2⅛ in. pillar; 4¼ in. plate. Wt. ea. 25 ozs..Each **$12 75**

One in a box.

REELS

TROLLING

RUBBER CITY



Free Spool—Double Multiplying—Drag Handle—Nickel Silver.

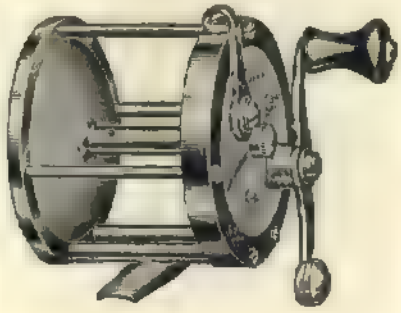
The "Rubber City" fills a long-felt need for a dependable reel combining Free Spool with a practical Handle Drag, and at a price within the reach of all anglers. Made of nickel silver to withstand salt-water conditions—has ample strength for ordinary sea-fishing. Equipped with a Handle Drag and Stop with which any required degree of drag tension can be secured by a Star wheel and which can be operated while the fish is in play or not. Drag will exert a very powerful and even tension. A set of extra Friction Washers and a Combination Screw Driver and Wrench included with each reel. To make the reel "Free Spool" or not, throw in and out the gear mechanism as controlled by a shifting lever which comes up and over the edge of the cap and operated without any possibility of injury to the hand. By throwing the lever down full distance the gears are held firmly out of mesh thereby avoiding stripping and all other damage to the gears. By throwing the lever up full distance the gears are held firmly in mesh. All end-play of the spool can be taken up with our Patented Adjustable Tension Oil Cup. Will fit both light and heavy tackle salt-water rods. Reel can be easily taken apart for cleaning by removing two thumb screws. Generated spiral tooth gears; steel pivots, polished; end bearing; bushed for bearings; single handle drag; adjustable back-sliding click; Rubberoid handle.

No. 2758. 250 yd. 3½ in plate. Wt. ea., 24 ozs. ..... Each **$10 00**

No. 2759. 300 yd. 3¾ in. plate. Wt. ea., 28 ozs. ..... Each **$12 00**

One in a box.

PFLUEGER BOND



Free Spool—Quadruple Multiplying, Polsihed Nickel-Plated.

A well-made free spool, surf-casting reel with a throw in-and-out gear mechanism controlled by a Shifting Lever which comes up and over the edge of front plate and operated without any possibility of injury to the hand. By throwing this lever up full distance the gears are firmly locked in mesh. Throwing the lever down full distance the gears are held firmly out of mesh thereby avoiding stripping and all other damage to the gears. Phospher bronze spiral gears; hardened steel spiral pinion and cog post with oil hole in crank nut. Cross plate is of a strong and sugstantial construction and will properly fit any of the standard rods. End play of the spool can be taken up with the patented adjustable tension oil cups. Nickel silver is treated to prevent tarnish; hard rubber plates, reverse metal bound; adjustable back sliding click; steel pinion; plates bushed for bearing; Akron cross plate; patented adjustable tension oil cups; steel pivots, highly polished—end bearing; fancy crank, balanced; rubberoid handle.

No. 2915. 100 yd. 1⅞ inch piller; 2¾ in. plate. Wt.ea.16 ozs. Each **$8 60**

One in a box.

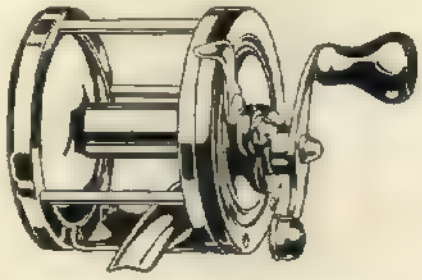
MONTAGUE FISHKILL

Free Spool—Double Multiplying.

Free spool with reinforced spool flanges to eliminate binding. Mechanism supported on side plates of green satin finish Bakelite for quick removal and cleaning. Special bearing caps permit fine adjustment of spools. Heavy Bakelite frame.

Montague Fishkill. 250 yd. Wt. ea. 16 ozs. ..... Each **$5 00**

FOX



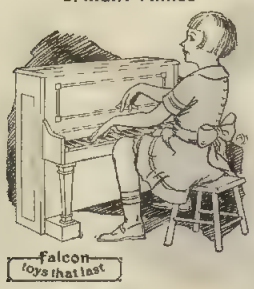
Free Spool—Double Multiplying

German silver construction, with genuine bakelite end plates. Runs on specially hardened steel pivots in special nickel silver bearings; spiral gears of bronze; improved reel base that can't work loose. Complete specifications: Finish, German silver and genuine bakelite; line capacity, 250 yards; spool, 2⅝ in.; pillow, 1⅞ in.; handle (1), pear shaped; end plates bakelite and German silver; pivots, steel; click removable back sliding; bakelite with special German silver end plates for added strength.

Fox No. B. Wt. ea 16 ozs. Each **$5 00**

PIANOS AND PHONOGRAPHS G

UPRIGHT PIANOS



Falconer

An exclusive feature of "Falconer" pianos is the "repair-proof" metal key bar arrangement, built in a reinforced cabinet or case that will stand up for years under constant use. Clear musical tone and easy action keyboard. Finished in mahogany. White keyboard, imprinted with sharps and flats. Illustrated music book supplied.

NO.	Keys	Size In.	Lbs. Doz.	DOZEN
2509	9	10½x7½x7	45	$15.40
2510	10	11½x8 x7	50	20.25
2512	12	13½x8½x7½	65	30.75

Each piano in individual carton.

BABY GRAND PIANOS

All key bars guaranteed against falling out. Finished in green and gold lacquer and mahogany nicely varnished.

NO.	Finish	Keys	Size In.	Lbs	Doz.	DOZEN
6510	Green & Gold	10	11½x11½x8½	60		$28.40
6512	Green & Gold	12	13 x12½x8½	70		35.10
4510	Mahogany	10	11½x11½x8½	60		25.10
4512	Mahogany	12	13 x12½x8½	70		33.00

Packed one dozen in a carton.

PLAYER PIANO—AUTOMATIC

Has two-tone Swiss musical movement in addition to standard keyboard.

NO.	Keys	Size In.	Lbs	Doz	DOZEN
5510	10	11½x11½x8½	65		$75.00

Packed one dozen in a carton.

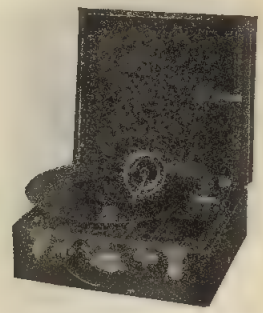
PHONOGRAPHS

The Kiddiephone

A wonderful small size phonograph. Playing 6 or 7 inch records. Good clockwork with exchangeable spring; speed regulator, casing, lacquered metal with kiddie decorations. Three records included with each machine.

NO.	Diam. In.	Ht. In.	DOZEN
10-9217-3	6½	3½	$26.00

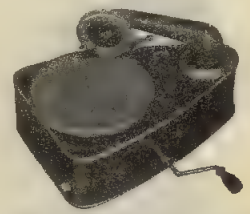
PHONOGRAPHS



Suit Case Phonograph

Portable wood case, imitation alligator covered, two clasps. Record pocket in lid, all metal parts nickeled: plays a 10 inch record. Speed regulator and brake can be wound while playing. Springs are changeable. Large reproducer 2⅜ inch diameter.

NO.	Size In	DOZEN
70-9300	11x11½x5½	$100.00



The Valoretta

A good, large size hornless talking machine. Metal casing finished in decorated lacquer turntable, with velvet covering and nickel rim, plays a 10 or 12 in. record; excellent tone reproducer 2⅜ inches diameter, good clockwork, exchangeable spring, speed regular and brake.

NO.	Size In.	
70-9302	11x7½x7	$70.00

Bingola

The improved hornless talking machine plays 10 inch records. Clockwork motor is of new noiseless type, with exchangeable spring and speed regulator, can be wound while playing. Casing finished in ivory or mahogany lacquer decorated.

NO.	Size In	DOZEN
10-9280	10x6½x5½	$38.00

PHONOGRAPHS AND KEYSTONE MOVIEGRAPH

Pigmyphone

Plays a 6 or 7 inch record. Good clockwork; motor with speed regulator, exchangeable spring, metal casing with hinged lid. Lacquered and decorated.

NO.	Size In.	DOZEN
70-9297	5¾x5¾x3	$15.00

BINGOLA RECORDS

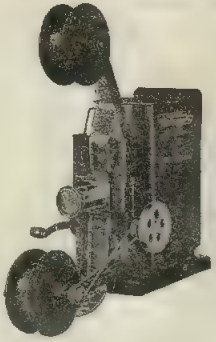
A selected assortment of standard vocal and instrumental numbers for children on 6 inch double faced records.

NO.	DOZEN
6	$1.80

Electric equipped, with 10 ft. of new safety film, standard gauge. Constructed of steel, leather pattern, baked crystalized enamel finish, nickel trimmings. Wooden base with rubber tabs on bottom to prevent scratching the furniture. Additional equipment, adjuster for electirc bulb, including six feet of cord, plug and socket one compartment slide, one U-draw-em slide, generous supply of tickets, bill and a sheet of instructions.

NO.	Size In.	Size of Picture	lb Es.	EACH
198	6¾x14¾x19	45x80	9½	$11 00

One in a box.



Electric equipped with 6 feet brand new safety film, standard gauge, steel construction; leather pattern, baked, crystalized enamel finish, nickel trimmings. Wooden base. Equipment consists of six feet of cord, plug and socket, one compartment side, one U drawem slide, generous supply of tickets, bill posters etc., and a sheet of instructions

NO.	Size In.	Size of Picture	lb Es.	EACH
591	5¾x10½x10	38x50	7	$8.25

One in a box.

Electric equipped with 25 feet of new safety film, standard gauge. Steel construction, leather pattern, baked crystalized enamel finish, nickel trimmings. Adjusted for lens; wooden base with rubber tabs on bottom. Has rewind pulley. Polished fly wheel, sprocket barrel with rollers so that film will not come off or tear. Extra large lens tube, with lens adjusting mechanism and three powerful lens, including condensing lens. Highly polished reflector, one compartment slide, U-draw-em slide, generous supply of tickets badges, etc., also card of instructions.

NO.	Size In.	Size of Picture	lb Es.	EACH
261	6¾x14¾x19	60x72	10½	$16.50

One in a box.

DW2436 All platinum watch with all platinum flexible bracelet. Set with 64 carefully matched marquise diamonds, 32 other set diamonds and 24 genuine blue sapphires $4450

DW1890 All platinum watch with platinum mesh bracelet set with 161 fine blue white diamonds and 20 selected genuine emeralds. . . . . $3,800.

DW2295 All platinum watch with platinum bracelet set with 181 fine blue white diamonds, specially matched for color and perfect cutting, 36 of the other diamonds in center . $4800

DW2456 Massive platinum watch set with 7 fine carefully matched marquise diamonds, 4 other white smaller diamonds, and 36 genuine emeralds. . . . . $2,250.

DW2548 Beautiful all platinum watch set with 56 fine quality blue white marquise and 8 Oriental sapphires in the new design . . . . . $1,650.

DW2698 All platinum watch set with fine, specially matched rectangular shaped diamonds, and 40 fine smaller diamonds, smart new art deco . . . . . $3,600.

DW2212 All platinum watch set with 60 fine blue white diamonds and 40 selected genuine emeralds, delightful new art deco design . . . . . $3,000.

DW2306 All platinum watch set with 2 fine blue white marquise diamonds specially matched, and 90 smaller fine blue white diamonds . . . . . $3,975.

DW2688 Beautiful new all platinum watch set with fine blue white baguette diamonds and 56 other fine white diamonds. A very high type new design . . . . . $2,250.

DW2588 All platinum watch of classic design, set with two 2 carat fine matched baguette diamonds, 60 smaller blue white diamonds and 8 genuine sapphires . . . . . $3,850.

DW2030 Platinum wrist watch set with 50 small blue white diamonds and 2 genuine emeralds, very effective new French design . . . . . $2,250.

DW1374 The most new watch of pocket design set with 2 large blue white diamonds, remaining fine and 40 other blue white diamonds and 2 genuine emeralds $8800

All movements in the watches here illustrated are the finest quality obtainable. They contain 17 ruby jewels, are accurately adjusted, and fully guaranteed.

We will send you selections of these, or other exclusive pieces of Diamond Jewelry, for inspection, without obligation to purchase.

ABOVE PRICES ARE LIST, SUBJECT TO OUR USUAL WHOLESALE CATALOG DISCOUNTS.

For other styles of platinum wrist watches see pages 36 and 37

DIAMOND WRIST WATCHES

Fine Diamond Wrist Watches—All Platinum Cases

CASES are made entirely of Platinum, and are extra heavy in order to give adequate protection to the watch movements. Diamonds in the selected watches here illustrated are of extra fine quality. Movements represent the highest standard of quality and are selected only after being carefully tested. They should give complete satisfaction if properly handled.

Illustrations show actual size.

Prices are list, subject to wholesale discounts.

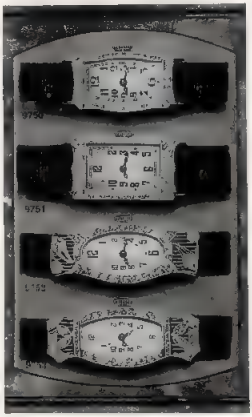
D1515 ..... **$1350**
Solid Platinum, 2 fine large blue white marquise diamonds, expertly matched, and 64 fine small diamonds, carefully selected. 17 jewel, 4½ ligne movement of fine quality

D1517 ..... **$950**
Solid Platinum; 12 fine baguette diamonds, expertly matched; 18 fine small diamonds, carefully selected; 17 jewel, 4½ ligne movement of fine quality

D1519 ..... **$800**
Solid Platinum, 2 fine large marquise diamonds, expertly matched, and 40 fine small diamonds, carefully selected. 17 jewel, 4½ ligne movement of fine quality

D1521 ..... **$825**
Solid Platinum 4 fine baguette diamonds, expertly matched, and 50 fine small diamonds, carefully selected and set in Parisian pavé style. 17 jewel, 5⅛ ligne movement of fine quality. An exquisite creation, smart and unusual.

D1623 ..... **$550**
Solid Platinum, 2 fine blue white marquise diamonds, expertly matched; 24 fine small diamonds carefully selected, 13 selected Hope emeralds; 17 jewel, 5⅛ ligne movement of fine quality



D9750 ..... **$380**
Solid Platinum, 12 fine diamonds carefully matched 17 jewel 5⅛ ligne movement of fine quality

D9751 ..... **$360**
Solid Platinum, 10 fine diamonds carefully matched, 17 jewel, 5⅛ ligne movement of fine quality

D9752 ..... **$500**
Solid Platinum, 30 fine diamonds, carefully matched 17 jewel, 5⅛ ligne movement of fine quality

D9753 ..... **$525**
Solid Platinum 32 fine diamonds and 8 matched emeralds, 17 jewel 5⅛ ligne movement of fine quality

D1516 ..... **$900**
Solid Platinum, 4 fine marquise diamonds, expertly matched and 64 fine small diamonds, carefully selected, 17 jewel, 4½ ligne movement of fine quality

D1518 ..... **$950**
Solid Platinum, 10 fine baguette diamonds expertly matched, and 36 fine diamonds, carefully selected, 17 jewel 5⅛ ligne movement of fine quality

D1520 ..... **$800**
Solid Platinum; 4 fine blue white marquise diamonds expertly matched, and 42 fine small diamonds, carefully selected 17 jewel, 5⅛ ligne movement of fine quality.

D1522 ..... **$675**
Solid Platinum 36 fine blue white diamonds, carefully selected and expertly matched, 10 choice Oriental sapphires 17 jewel 5⅛ ligne movement of fine quality

D1524 **$675**
Solid Platinum 2 fine baguette diamonds, expertly matched, and 52 fine small diamonds, carefully selected 17 jewel, 5⅛ ligne movement of fine quality

D1527 **$450**
Solid Platinum heavy weight, hand made case 24 fine diamonds expertly matched, 17 jewel 5⅛ ligne movement of fine quality Price includes 14 Kt. and platinum top attachment set with 6 fine diamonds

D1528 ..... **$350**
All Platinum Diamond Watch only, as above, with silk ribbon attached

D1529 ..... **$100**
14 Kt and Platinum Top Watch Bracelet attachment as above 6 fine carefully matched diamonds. Be sure to mention width and shape of lugs when ordering

D1525 **$190**
Solid Platinum, 36 fine diamonds, carefully matched, 7 jewel, 5⅛ ligne movement of fine quality

D1526 ..... **$600**
Solid Platinum, 50 fine diamonds, expertly matched, 17 jewel, 5⅛ ligne movement of fine quality. An attractive and useful watch

We will gladly send any of these diamond watches on approval for inspection without obligation to purchase.

The New Petite "Baguette" Watch

A Watch to Grace Milady's Wrist

IN presenting this new small and charming watch movement to the jewelers of America we do so with full confidence in the accuracy of the movement, the universal appeal of its small size and the excellent values offered by these cases especially made to house this movement.

The diamonds used in these watches are all fine quality blue white, selected and matched by experts.

This is an actual life-size photograph of this remarkable new watch movement.

The Baguette movement is something entirely new. Its construction and design are patented. The extended center construction permits the use of the larger 8¾ ligne wheel train and escapement, making for the greater accuracy of larger watch movements. Its rectangular shape and general appearance give it all the grace and charm of the smallest movements. Of course, only the finest materials are used, entitling the movement to be stamped "Geneva Quality." The quality of the materials is guaranteed and the movements are timed in the cases before shipping. Breguet hairspring, 17 jewels, adjusted to temperature and position.

This watch has been referred to as the "Chef d'Oeuvre" of Swiss watch experts.

Illustrations show actual size.

Prices are list, subject to wholesale discounts.

D1501 . . . . . $1450
Solid Platinum, 8 fine baguette diamonds expertly matched and 80 fine small diamonds carefully selected; 17 Jewel Baguette movement. An exquisite example of the jeweler's art

D1502 . . . . . $850
Solid Platinum, 4 fine marquise diamonds, expertly matched, and 46 fine small diamonds carefully selected, 17 Jewel Baguette movement. A dainty and effective creation

D1503 . . . . . $850
Solid Platinum, 6 fine baguette diamonds expertly matched and 48 fine small diamonds carefully selected. 17 Jewel Baguette movement. New Parisian design

D1504 . . . . . $480
Solid Platinum 2 fine marquise diamonds, expertly matched, and 22 fine small diamonds carefully selected; 17 Jewel Baguette movement. Excellent value in a high grade watch

D1505 . . . . . $890
Solid Platinum, 18 fine diamonds, carefully selected and expertly matched; 17 Jewel Baguette movement. A refined and smart new style

D1506 . . . . . $830
Solid Platinum, 16 fine diamonds, carefully selected and expertly matched 17 Jewel Baguette movement. A watch of distinction and quality

D1507 . . . . . $275
18 Kt. White Gold and Platinum Top. 2 fine marquise diamonds, expertly matched and 4 fine small diamonds, carefully selected. 17 Jewel Baguette movement. An effective and charming watch of quality

D1508 . . . . . $235
18 Kt. White Gold and Platinum Top. 2 fine baguette diamonds, expertly matched, and 6 fine small diamonds, carefully selected. A smart and effective creation

D1509 . . . . . $210
18 Kt. White Gold and Platinum Top. 12 fine diamonds, expertly selected and matched. 17 Jewel Baguette movement. A smart Parisian design

D1510 . . . . . $190
18 Kt. White Gold and Platinum Top. 6 fine diamonds, expertly selected and matched. 17 Jewel Baguette movement. A dainty, charming design

D1511 . . . . . $125
18 Kt. White Gold and Platinum Top. 2 fine diamonds, expertly matched and 4 selected synthetic sapphires. 17 Jewel Baguette movement. Stylish and effective.

D1512 . . . . . $150
18 Kt. White Gold and Platinum Top. 4 fine diamonds, expertly matched, and 5 Hope emeralds of selected quality. 17 Jewel Baguette movement. An exquisite watch.

JUNE 21st

WILL BE

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Retailers Everywhere Can Create Additional Sales of Children's Playthings

AN EXCITING GAME

that your customers will want. "A Playit" game—display it and it will sell. Full directions are on the back of the game—several card games can be played. Any number of players can play at one time.

This is the most amusing, exciting game that has come out in many years.

Game consists of 1 heavy cardboard mount with a beautiful colored label, size 16 x 19" 1 complete pack playing cards, 1-36" iron green enameled folding stand, 5 feathered needle pointed darts Packed complete in box—one dozen in shipping carton.
Send in your order for these games. You will get a profitable, fast-selling item. Price $24.00 per dozen, F.O.B., New York

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Akro Agate

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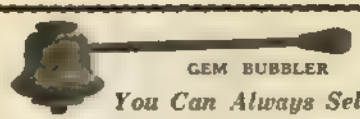


GEM BUBBLER

You Can Always Sell

BUBBLE BLOWERS

4 Numbers: 5c., 10c., 10c., and 25c.

GEM BUBBLER—Blows Bubbles on Top and Bottom of Bowl. Retails at 5c.
WONDER BUBBLER—Blows Giant Bubbles, Chain Bubbles and Bubbles Within Bubbles. Retails at 10c.
MIDGET BUBBLER SETS—Three Different Pipes in a Set. Special for Department Store, Syndicate and Chain Store Trade. Retails at 10c.
KIDDIES' PARTY BUBBLE SETS—Four Different Pipes in Brightly Colored Package. Retails at 25c.

Packed in Attractive Boxes. Write for Illustrated Price List.

American Bubble Pipe Co.
Far Rockaway N. Y.

WONDER BUBBLER

"APEX" DART GAMES

YEAR ROUND SELF SELLERS

They belong in your store. A fascinating pastime for all ages from 7 to 70. Hence fascinating for YOU—to sell—a nice profit.

"APEX" DART BASEBALL—AN INSTANTANEOUS HIT

Send for Catalog

You can sell "APEX" DARTS if you do not handle the games—TRY IT

APEX MFG. CO., 136 W. Elm St., Norristown, Pa.

ARE YOU GETTING *this profitable business* NOW!

"Old Faithful" Play Sets sell the year 'round because all the wide variety of educational appeals represented in the various Play Sets, priced from 5c to $5.00.

Send today for Catalog and Prices.

"Old Faithful" PLAY SETS

A COMPLETE LINE

THE AMERICAN CRAYON COMPANY

A Bigger and Better 1930 Doll Line

Newly modelled heads and original snappy dress creations

100% NEW THROUGHOUT

A complete and profit making line of quality dolls at popular prices that will merit the consideration of the most critical buyers.

Send for Samples

ARRANBEE DOLL CO.

894-900 BROADWAY NEW YORK CITY

PUDDLE DUCK POOL

THE CHILDREN'S BATHING BEACH ON YOUR LAWN

THE AMERICAN WADING POOL CO.

685 WABASH BUILDING
PITTSBURGH, PA.

The Big Line for year 'round selling

RONSON TOYS

The RONSON MACHINE GUN
The RONSON REVOLVER
The RONSON TALK-O-PHONE
The RONSON PUSSY CAT
"ARCHIE," The Most Comical Toy Made
The RONSON SANTA CLAUS
The RONSON MAGIC PINWHEEL
The RONSON MAGIC SPARKLER
The RONSON REPEATER
The RONSON RIFLE
The RONSON FIREFLY
The RONSON STARLIGHT

Manufactured by **THE ART METAL WORKS**

ARONSON SQUARE NEWARK, N. J.

"AMICO"

XMAS STOCKINGS

AND NOVELTIES

10c, 25c, 50c and $1.00 Retail

Our constantly growing sales volume is your assurance that "AMICO" quality and prices are right.

"AMICO" TINY TOYS

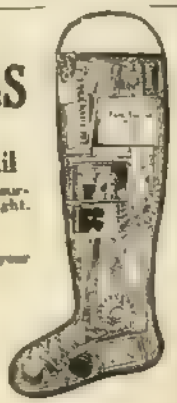
in transparent net packing are holiday and year 'round sellers.

AMMIDON & CO.

"The Fifty-four Year Old House"

31 S. Frederick Street, Baltimore, Md.

New York Selling Agents:
The Owens-Kreiser Co. Baker & Bennett Co.



ATLANTIC DOLLS

The Long Profit Line for Jobbers and Quantity Buyers to Retail from

25c to $10.00

Be sure to see "ATLANTIC" Dolls before placing your order. Send now for samples and prices.

ATLANTIC TOY MFG. CO., Inc.

Phone: Spring 2300-2300

141-5 WOOSTER STREET NEW YORK CITY

PORTABLE TALKING MACHINES

PLAYWELL "JUNIOR" PORTABLE

This "Junior" model can be depended upon to give entire satisfaction. Good quality motor capable of playing two selections with one winding; improved tone chamber; new type metal shielding reproducer; curved "S" throw-back tone arm. Covered with imitation leather (waterproof) attractively embossed design outside cover, cowhide handle. Spring needle cup; firmly built record compartment, will hold 12 records; nickel grille over tone chamber opening. Size 13¼ inches long; 10½ inches wide; 6½ inches high.

	Less than 6, Each	6 or more, Each
No. 10PWR—Red Case	$24 75	23 55
No. 10PWB—Blue Case	24 75	23 65

Weight 14 lbs each (6 packed and crated weigh 90 lbs.)

—PLAYWELL PORTABLE—

An exceptionally good phonograph that appeals to everyone. Produces a deep, rich and mellow tone. Double spring Thorens Swiss motor; specially designed tone chamber extending length of cabinet. Metal shielded diaphragm reproducer that reproduces high and low notes equally well.

Newest type "S" throw-back tone-arm.

Covered with imitation leather, two-tone effect on outside of case, gold embossed border, attractive gold lining with gold air-brushed borders. Cowhide handle. Patented spring needle cup, firmly built record compartment, will hold 12 records. Nickeled grille over tone chamber opening. Size 15½ inches long; 11¾ inches wide, 7⅝ inches high.

	Less than 5, Each	5 or more, Each
No. 12PW Black Case	$36 75	35 70
No. 12PWR—Red Case	36 75	35 70
No. 12PWB—Blue Case	36 75	35 70

Weight 16 lbs each (5 packed and crated weigh 95 lbs.)

TONE ARM AND REPRODUCER COMPLETE

ORO-TONE

With this improved reproducer and tone arm an old phonograph will have the same tone quality as the new improved ones. Any one can easily make the change, all that is necessary is to remove several screws and replace with new reproducer. Adjustable in length from 7 to 8½ inches. Will fit all types.

Reproducer is of brass and copper; solid brass throw back goose neck tone arm, nickel plated and highly polished. Each

No. 90—Base opening 1¼ ins; outside diam base 3¼ ins $21 00

One in cardboard box, wt each 10 ozs.

PHONOGRAPHS

MODEL X

Metal cabinet provided with one spring worm gear motor; 5½ in turn-table. High grade sound box with clear reproduction. Plays little wonder, also 7 in. records. Height 17½ ins; width 8⅝ ins; depth 9⅝ ins. An envelope containing 50 needles packed with each machine. Each

No. 8BCE—Ivory finish 18 90

One in carton; wt each 12 lbs. $10 00

BABY DE LUXE

Three-ply selected veneer, cabinet. Door is decorated with a beautiful and appropriate decalcomania. All exposed metal parts are nickel plated. Equipped with celebrated Flyer motor; cut gears, governor gear is the approved worm type. Main spring enclosed in a barrel, packed with graphite.

The Tone arm is a nickel plated die casting, Artois sound box which is known for its splendid and natural tone. Plays 10 inch records. Height 23 ins; width 12⅛ ins; depth 13¾ ins. Each

No. 25BDE—Ivory finish 47 25

Crated; wt each 30 lbs. $25 00

PHONOGRAPH NEEDLES

BEL-PHONIC

The Perfect Cut Needle.

Highest grade steel needles, designed to bring out the full tone of phonograph records in the most satisfactory manner. Every needle of same tone and uniform in size. Per Carton

No. 2BS—Soft tone
No. 3BS Medium tone
No. 4BS Loud tone
No. 6BS—Extra loud tone
No. 6BS—Dance tone } $6 00

100 in pkg, 50 pkgs in attractive display carton; wt per carton 82½ lbs

BRILLIANTONE ASSORTMENTS

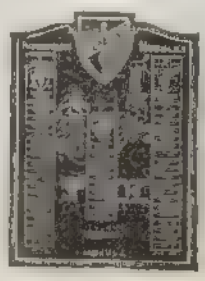
Record Cleaner and Needle Containers.

Assortment consists of 20 boxes; 5 each of dance, extra loud, full and medium tone; 250 needles in a box. Each needle to be used once only. Boxes have corduroy bottoms for cleaning records.

Per Ass't

No. 7-CA—Complete as described $10 50

20 boxes in courier display box; 30 display boxes in case; wt per ass't 3 lbs.



REFLEXO, TRIPLE TONE ASSORTMENTS

Consists of 50 packages, each package containing 50 spear point, three tone loud, medium and soft tone. Mounted on attractive cardboard display stand. Each needle will play ten records.

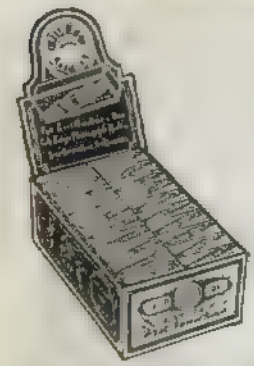
Per Ass't

No. 50-R—Complete as described $12 45

One ass't in cardboard box; wt per ass't 21½ lbs.

PHONOGRAPH NEEDLES

GILT EDGE



Steel, brass plated, for use on all disc talking machine records. Each needle will play ten records. 50 needles in package.

	Per Carton
No. 5ML—Loud	$8 25
No. 6MML—Medium; wt carton 3 lbs	8 25
No. 7MEL—Extra loud; wt carton 1½ lbs	8 25

50 pkgs in carton.

DISPLAY STAND ASSORTMENTS GILT EDGE

Assortment contains 100 boxes of brass plated needles, 50 in a box assorted tones, 25 boxes dance, 25 boxes loud, 25 boxes extra loud and 25 boxes medium tone, each tone in separate compartments mounted in attractive imitation mahogany finish metal revolving counter display stand. Each needle will play ten records. Height over all 9 inches; size 4x4 inches.

	Per Ass't
No. 5GE—Complete as described	$15 75

One ass't in cardboard box; wt 6½ lbs.

JUMBO
The Loudest Needle Made.

Designed to bring out the full tone of phonograph records in a most satisfactory manner. The binding tie in true reproduction. Try one on the new electrically recorded records and note the improvement. Each needle will play at least 10 records.

Consists of 100 packages, each package containing 50 needles.

	Per Carton
No. 1J—Wt per carton 3½ lbs	$21 00

100 pks in cardboard counter display carton.

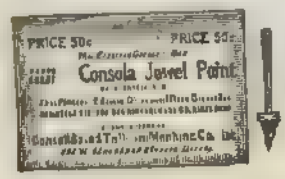
BRILLIANTONE, STEEL

Carbon steel; needle to be used once only; for use on all disc records.

	Per Carton
No. 8SS—Light or soft tone	$6 75
No. 9SM—Half or medium tone	6 75
No. 10SL—Full or loud tone	6 75
No. 11EL—Extra loud	6 75
No. 12DT—Dance tone	6 75

100 in pkg. 50 pkgs in carton; wt per carton 2½ lbs.

JEWEL POINTS



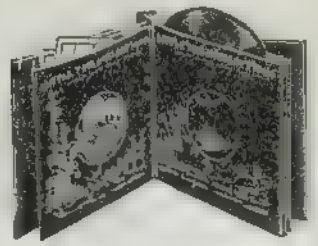
	Each
No. 7JE—For Edison diamond disc records	$0 81
No. 8JP—For Pathe and other vertical cut records	81

Each needle packed in individual envelope.

REGAL TALKING MACHINE RECORDS

LITTLE TOTS' NURSERY TUNES

7 INCH—DOUBLE DISC—LATERAL CUT WITH SELECTIONS ON BOTH SIDES



Book consists of 4 records, 8 different selections with 8 colored picture and verse cards.

The Jolly Game Book.

Includes 4 double face records with selections such as:
Here We Go Around The Mulberry Bush.
London Bridge Is Falling Down.
Lazy Mary Will You Get Yp.
Miss Jennie Jones, etc.

	Per Book
No. 3—Complete as described	1 89 *$1 00*

The Christmas Book.

Includes 4 double face records with selections such as:
The Night Before Christmas.
The Coming of Santa Claus.
Santa Claus Will Soon Be Here.
A Christmas Carol, etc.

	Per Book
No. 5—Complete as described	1 89 *$1 00*

The Lullaby Book.

Includes 4 records with selections such as:
The Sandman.
Go To Sleep My Little Pickaninny.
Sweet and Low.
Birdies Lullaby, etc.

	Per Book
No. 6—Complete as described	1 89 *$1 00*

The Patriotic Book.

Includes 4 double face records with selections such as:
Star Spangled Banner.
Columbia The Gem Of The Ocean.
Dixie.
Yankee Doodle, etc.

	Per Book
No. 7—Complete as described	1 89 *$1 00*

The Medley Book.

Includes 4 double face records with slecetions such as:
Hey, Diddle Diddle; Goosey, Goosey, Gander.
Little Miss Muffet; Little Jack Horner.
Three Blind Mice; Humpty Dumpty.
Little Boy Blue; Pussy Cat, Pussy Cat, etc.

	Per Book
No. 8—Complete as described	1 89 *$1 00*

The Sunshine Book.

Includes 4 double face record with selections such as:
Oh Dear What Can The Matter Be.
Twinkle, Twinkle Little Star.
The House That Jack Built.
The Cat and Dog, etc.

	Per Book
No. 9—Complete as described	1 89 *$1 00*

All above packed loose.

PIANOS

-:-PLAYWELL—TONE SUPREME-:-

THE first demand of everything musical is tone. Above all, tone has been considered first in the Playwell Piano. When the first Playwell Piano was finished the benefits of more than half a century of investigating and experimenting to produce a true tone had been inaugurated in this instrument. Every principle of tone-building then known was observed and applied, since we have never ceased in our efforts to improve wherever possible. The results have been a tone unsurpassed for its richness, smoothness, fullness, purity—brilliancy.

The materials used throughout are the very best, conforming to the demands essentials to the production of a Piano of highest quality. Each part, whether of metal or wood, is subjected to a minute examination for defects.

Sounding boards are of thoroughly aged straight grained silver grain spruce. Keys are of Ivorene mounted on pine.

The Playwell Piano as it stands, a finished product is a beautiful and durable instrument. It possesses a clear, exquisite tone, dignity and refinement of case design, and a touch responding to any and every demand of the player. Each instrument fully meets the requisits of the exacting musician and commands hearty appreciation and enthusiastic endorsement. When one listens to the Playwell he is immediately impressed with its rich, mellow tone.

—PLAYWELL GRAND—ARISTOCRAT

The Playwell Grand is the ideal instrument for the home. It is ever the subject of the music lover's admiration. Nothing adds to the charm of the home such a note of distinction and atmosphere. It is the insignia of musical appreciation, the attribute of cultural discernment of the better thing of life, an instrument commanding the respect and admiration of those of musical judgment.

The beauty of Playwell tone is the result of mechanical superiority of many features of construction and it is tone and durability which have made the Playwell Grand particularly noted. Playwell standards of construction are maintained to the highest degree.

The splendor of the Grand Piano has ever been the source of universal admiration. Its grace of form and elegant tone is a constant inspiration. The Playwell Grand excels in artistic beauty and musical quality.

In the tone of the Playwell Grand is revealed distinguished musical qualities. Inimitable timbre and resonance proclaim Playwell superiority. The most delicate touch of the keys calls forth melody rich and colorful; the passage of a crescendo bring forth a tone of depth, richness and sonority of marvelous beauty.

		Each
No. PG0—	Mahogany; height 3 ft 3¼ ins; width 4 ft 9 ins; depth 4 ft 10 ins; wt boxed 875 lbs	✦$1164 75
No. PG5—	Mahogany; height 3 ft 3½ ins; width 4 ft 9 ins; depth 5 ft 4 ins; wt boxed 940 lbs.	✦ 1575 00
No. PG10—	Mahogany; height 3 ft 3¼ ins; width 4 ft 9 ins; depth 6 ft; wt boxed 1200 lbs	✦ 2475 00

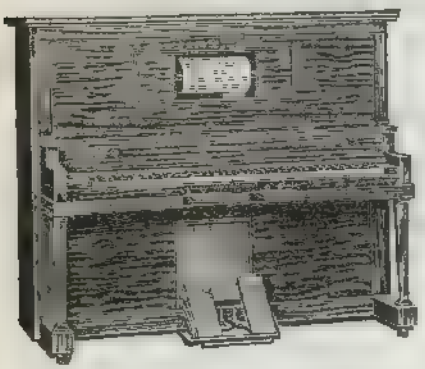
✦F. O. B. Indiana Factory Only.

PLAYER PIANOS AND PIANOS

PLAYWELL

Made of genuine mahogany, walnut or oak veneered; dull rubbed finish. Furnished with copper wound bass and silver grain spruce sounding board.

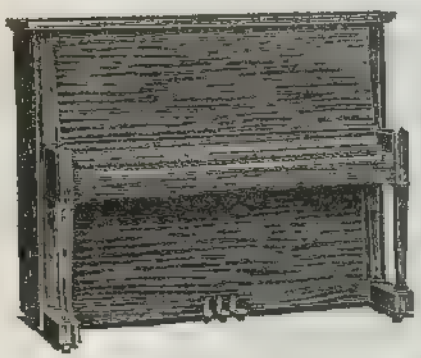
Carefully boxed for shipment.



Height 52 inches; width 62 inches; depth 27½ inches.

		Each
No. 86-M	Mahogany	✣$742 95
No. 86-W	Walnut	✣ 782 85
No. 86-O	Oak	✣ 742 95

Weight each 850 lbs.

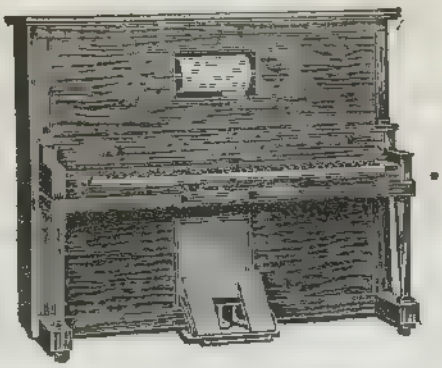


Height 52½ inches; width 68¾ inches; depth 25¾ inches.

		Each
No. 80-M	Mahogany	✣$602 40
No. 80-W	Walnut	✣ 619 80
No. 80-O	Oak	✣ 602 40

Weight each 800 lbs.

✣F. O. B. Indiana Factory Only.



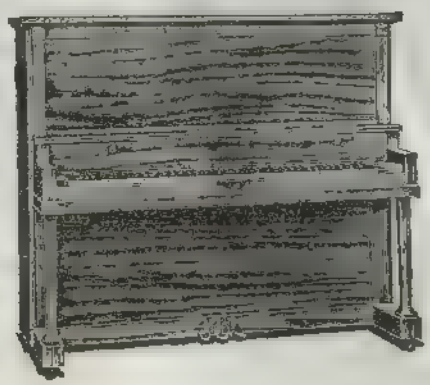
Height 55 inches; width 64 inches; depth 28 inches.

		Each
No. 49-M	Mahogany	✣$1204 95
No. 49-W	Walnut	✣ 1204 95
No. 49-O	Oak	✣ 1204 95

Weight each 850 lbs.

THE prestage of the Playwell Pianos holds the world over is the inevitable result of the determined policy and standard to produce the very best in piano construction. The Playwell Piano embodies every quality that means lasting service and satisfaction —the natural result of years of fine piano building.

The tone is rich, pure and musically perfect. Every case is artistically proportioned, beautifully finished, staunchly built and mechanically correct. As either a Straight Piano or Player they are musical masterpieces. Guaranteed and backed by an organization of over half century's musical experience.

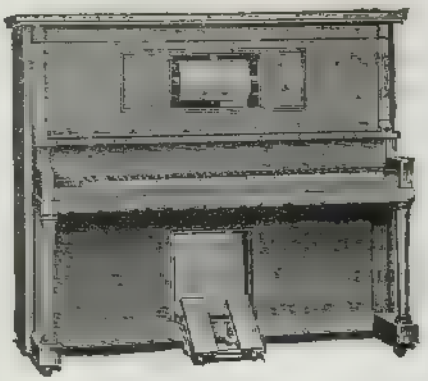


Height 52 inches; width 62 inches; depth 26 inches. Mahogany veneered.

		Each
No. 84-M	Mahogany	✣$522 15
No. 84-W	Walnut	✣ 556 15
No. 84-O	Oak	✣ 522 15

Weight each 800 lbs.

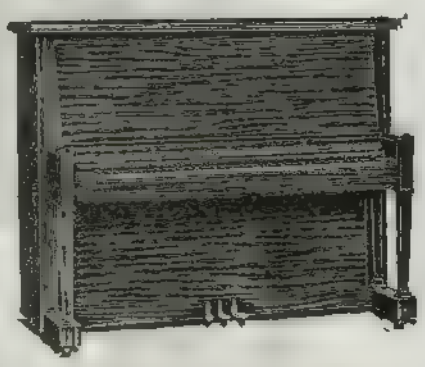
Players are equipped with automatic tracking and sustaining devices; silent travel forward; nickel hardware; lever expression control pedal door; double slide upper panels



Height 55 inches; width 64 inches; depth 26 inches.

		Each
No. G-M	Mahogany	✣$916 20
No. G-W	Walnut	✣ 923 70
No. G-O	Oak	✣ 916 20

Weight each 850 lbs.



Height 44½ inches; width 56½ inches; depth 24 inches.

		Each
No. D-M	Mahogany	✣$610 50
No. D-W	Walnut	✣ 633 15
No. D-O	Oak	✣ 610 50

Weight each 450 lbs.

NOTE—Mandolin Attachment for both Pianos and Player Pianos can be furnished $5 00 net each.

PLASTIC ARTS G

PLA-WAX

Contains a variety of eleven sticks of Pla Wax, each of different coloring. Also includes roller, marking tool, and colored manual.

NO.	Size of Box In.	Lbs. Ea.	EACH
B	9¾x6¾x¾	¾	$0.50

Packed eighteen to carton.

Contains twenty-two sticks of Pla Wax in sixteen colorings, including gold, silver and bronze; marking tool and roller, also four-colored manual, and colored plaque.

NO.	Size of Box In.	Lbs Ea	EACH
C	13¾x9¾x1¼	1¾	$1.00

Packed twelve to carton.

Contains forty-four sticks of Pla-Wax in sixteen gorgeous colors. Also roller, marking tool, molding block, large sized colored manual, color plaque and general instructions.

NO.	Size of Box In	Lbs Ea	EACH
D	18x10x1¾	2¾	$2.00

Packed twelve to a carton.

PLA-KLAY

Contents. Four molds, a roller, a molding tool, marker and red, green, blue and gray strips of clay.

NO	Size of Box In.	Size of Clay In.	Lbs. Ea.	EACH
0	9¾x6¾x¾	7¾x1¾x¾	1¼	$0.50

Packed eighteen to a carton.

Contents: Four metal cut-outs, roller, three moulds, four bars of moulding clay, assorted colors. There is also a manual showing wonderful things to make.

NO.	Size of Box In.	Size of Clay In.	Lbs. Ea.	EACH
1	8¾x12¾x1¼	8¾x¾x1¾	2¼	$1.00

Packed twelve to a carton.

Contents: Four molds, marker, roller, spatula, brick and tile cutter. Four strips of clay in colors of, red, green and yellow. Four metal cut-outs.

NO	Size of Box In.	Size of Clay In.	Lbs. Ea.	EACH
2	8¾x12¾x¾	8¾x1¾x¾	2¼	$1.50

Packed twelve to a carton.

Consists of brick and tile cutter, the clay shooter and target, the roller, marker, molding tool and manual showing models to be made. Seven strips of clay in assorted colors. Also five molding blocks with attractive designs on both sides.

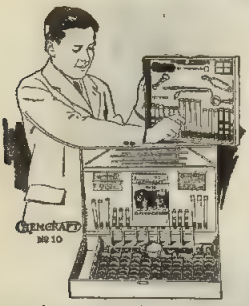
NO.	Size of Box In.	Lbs. Ea.	EACH
3	18x10x1¾	4	$2.00

Packed twelve to a carton.

REGISTERED TRADE MARK

CHEMCRAFT

THE CHEMICAL OUTFIT



Contains 85 chemicals and pieces of apparatus, including separate wood test tube rack. More than 450 experiments can be performed. Packed in wood cabinet with removable tray.

NO.	Size of Box In.	EACH
10	18x12x3½	$10.00

Contains 54 chemicals and pieces of apparatus. Manual of instructions explains 350 experiments. Packed in wood cabinet; beautifully finished and with beveled edges.

NO.	Size of Box In	EACH
5	15x11x3	$5.00

Contains 40 different chemicals and pieces of apparatus for performing more than 250 experiments. Box label in colors.

NO.	Size of Box In.	EACH
3	19x11½x1½	$3.00

Contains 19 different chemicals and pieces of apparatus. Over 100 experiments explained in the manual of instructions. Box label in colors

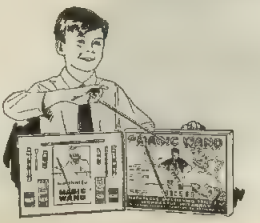
NO.	Size of Box In.	EACH
1	13½x10½x1½	$1.00

MAGIC SHOW

A popular set that features the magic side of chemistry. Contains everything required for putting on a real performance. Box labeled in colors.

NO.	Size of Box In	EACH
20	18x11½x1½	$3.00

THE MAGIC WAND

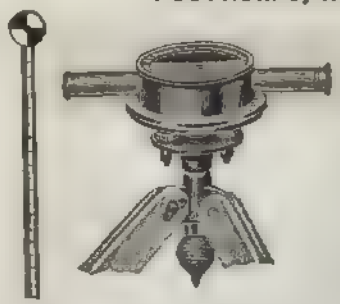


Contains full instructions and all chemicals and apparatus for performing many marvelous, mystifying tricks of wonderful wizardry, striking, attention-getting label in multi-colors.

NO.	Size of Box In	EACH
30	13½x10½x1½	$1.00

FARM LEVELS

BOSTROM'S, With Telescope.



This level and telescope will answer every purpose for grading, road building, leveling foundations, setting out orchards, running fences, ditching, terracing, irrigation work, land drainage, etc.

The outfit includes level, which has brass telescope with magnifying lenses, enabling the operator to read the target a quarter of a mile or more away; also, neat wood box for keeping level when not in use; tripod, graduated rod and target, together with full instructions how to test, adjust and operate.

Each

No. 28—Length of telescope (closed) 9½ ins; diam of turret 4 ins $55 50

Level in wood box, tripod and target rod wrapped in paper; wt each complete 15 lbs.

PLUMB BOBS

Polished brass, steel points; finely finished, has screw plug in top through which cord passes.

Nos.	Wt each, ozs	Diam, ins	Lgth. over all, ins	Per Doz
55-6	6	1	4½	$36 00
55-8	8	1⅛	4¾	39 00
55-12	12	1¼	5¾	54 00
55-16	16	1⅜	6	72 00

One in cardboard box.

STEEL

Solid Steel; nickel plated finish over a heavy coat of copper electroplated. Highly polished; can't rust; solid brass screw, accurate and true in every respect.

Nos.	Wt each, ozs	Diam, ins	Lgth over all, ins	Per Doz
60	9½	1½	8	$24 75
80	18	1⅝	4	31 50

One in shaped wood box.

Hexagon.

Solid steel hexagon body with round hardened point; polished and nickel plated on heavy copper plate; screw lug in top through which the cord passes; will not roll when not in use.

Nos.	10	20
Wt each, ozs	8	12
Diam, ins	1	1¼
Length over all, ins	3¾	3¾
Per Doz	$12 75	18 00

Half doz in cardboard box.

Polished cast brass, hardened steel point.

Nos.	5	6
Wt each, ozs	6½	11½
Diam, ins	1 1/16	1½
Length over all, ins	3	3
Per Doz	$17 25	25 50

Half doz in cardboard box.

PLUMB BOBS

Hexagon Brass.

Solid brass, highly polished and buffed, lacquered finish.

Nos.	500	800	1200
Wt each, ozs	5	8	12
Length, ins	3⅛	3⅝	4
Diam, ins	¾	7/8	1
Per Doz	$9 75	12 00	16 50

Half doz in cardboard box.

Soft grey iron; nickel plated.

Per Doz

No. N28—Wt each 5⅓ ozs; diam 1⅝ ins; length over all 3 ins $6 00

One doz in cardboard box.

Soft grey Iron; nickel plated.

Per Doz

No. N30—Wt each 14¾ ozs; diam 1¾ ins; length over all 3¾ ins $7 50

Half doz in cardboard box.

Iron; black japanned.

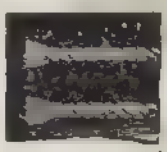
Nos.	2	21	22
Wt each, lbs	½	1	2
Diam, ins	1⅝	1⅞	2⅜
Length over all, ins	2½	3⅜	4
Per Doz	$3 30	6 00	10 50

No. 1, one doz, Nos. 21 and 22, half doz in wood box.

COTTON CHALK LINES

WHITE

Nos. 6 or 66
Nos. 7 or 77



Nos.	50 foot balls. 4	5	6	7	100 foot balls. 66	77
Wt per doz, lbs	⅝	9/10	1⅛	1¾	1¼	2
Strand	15	18	21	24	21	24
Per Doz Balls	$1 35	1 80	2 10	2 25	3 60	4 05

One doz balls in cardboard box.

YELLOW

Twelve hanks connected.

Nos.	185	245	180	240
Ft in hank	50	50	100	100
Wt per gro hanks, lbs	6	9	12	18
Strand	18	24	18	24
Per Doz Hanks	$2 25	3 00	4 05	6 40

One doz hanks in cardboard box.

CHALK LINE REELS

STANLEY'S

Polished hardwood; diam at ends 2 ins; diameter at center ½ in; diameter axle hole ¼ in; length between ends 2 ins; length over all 2¾ ins.

Per Doz

No. 12—Wt per doz about ¾ lb $4 05

Three doz in cardboard box.

RAILROAD TRACK TOOLS

PINCH BARS

Cast steel; oil finished, hardened point.

K

NO.	Length	Wt. Ea.	POUND
10-10	4 ft.	10 lb.	$0.20
10-12	4.4 ft.	12 lb.	.20
10-14	5 ft.	14 lb.	.20
10-16	4.6 ft.	16 lb.	.20
10-18	4.8 ft.	18 lb.	.20
10-20	5.2 ft.	20 lb.	.20
10-22	5.4 ft.	22 lb.	.20
10-24	5.5 ft.	24 lb.	.20
10-28	5.8 ft.	28 lb.	.20
10-30	6 ft.	30 lb.	.20

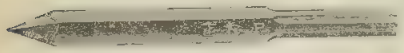
CROW BARS

Cast steel, hardened point.

K

NO.	Length	Wt. Ea.	POUND
15-10	4 ft.	10 lb.	$0.20
15-12	4.4 ft.	12 lb.	.20
15-14	4.6 ft.	14 lb.	.20
15-16	4.8 ft.	16 lb.	.20
15-18	5 ft.	18 lb.	.20
15-20	5.2 ft.	20 lb.	.20
15-22	5.4 ft.	22 lb.	.20
15-24	5.5 ft.	24 lb.	.20
15-26	5.8 ft.	26 lb.	.20
15-30	6 ft.	30 lb.	.20

LINING BARS



Cast steel; oil finished, hardened point.

K

NO.	Approx. Wt. Ea.	Length	POUND
20	20 lb.	5 ft.	$0.20

OCTAGON DIGGING BARS

Cast steel, oil finish; spread taper wedge point one end, square taper on the other.

K

NO.	Size	Length	Wt. Each	POUND
580	1¼ in.	8 ft.	30 lb.	$0.22

TAMPING BARS

K

Cast steel; oil finish.

NO.	Point	Appr. Wt. Ea.	Length	POUND
25	3 in.	20 lb.	5 ft.	$0.22

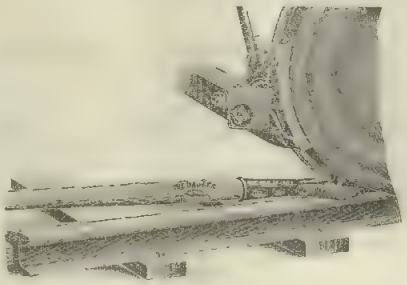
CLAW BARS

K

Cast steel; oil finish, hardened claws.

NO.	Wt. Each	POUND
20-30	30 lb.	$0.22

CAR MOVERS



Badger

Compound leverage, never-slip spurs. Will not slip on greasy track. Can be used under all conditions, over frog switches and planked rail, and between cars where other styles are useless. Made of best refined malleable iron tool steel, with second growth hard maple handles

F

NO.	Wt. Each	EACH
80	15 lb.	$12.50

F — Extra Handles

NO.	Wt. Each	EACH
80EH	4½ lb.	$3.00

F — Extra Spurs

NO.	Wt. Set		SET
80ES	½ lb.	2 to set	$0.75

RAILROAD TRACK TOOLS

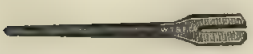
WRENCHES

K

Forged steel, oil finished, for 1⅛ in. nuts.

NO.	Length	Wt. Each	POUND
K-51	22 in.	4½ lb.	$0.25

FORKS



K

Forged steel, oil finished; 1½-inch round handle; 1⅜-inch opening.

NO.	Between Prongs	Depth at Prongs	Width at Prongs	Length	Wt. Each	POUND
K-35	⅝ in.	3½ in.	3 in.	33 in.	14 lbs.	$0.35

TONGS

K

Forged steel, oil finished. 1¼-inch round handles; for rails 35 to 100 pounds; blunt oval grip.

NO.	Spread of Handles	Drop	Wt. Each	POUND
K-34	36 in.	12 in.	18 lb.	$0.35

RAIL BENDERS

Jim Crow Pattern

K

Forged from solid machine steel; machine steel screw For 30-lb. rails. No bar.

NO.	Wgt. Each	EACH
K-4A	85 lb.	$39.00

GAUGES

Huntington Pattern—Standard Gauge

F

Pipe stem; malleable iron prongs screwed and pinned. Two long bearings at one end secure a true right angle.

NO.	Wt. Each	EACH
F-30	12 lb.	$6.00

Packed in bulk.

LEVEL AND GAUGE

F

Made of seasoned sugar pine. Ends protected by straps 3-16-inch thick. Half-inch square steel gauge at one end, graduated on two sides to ¼-inch, spaced by holes and held in place with thumbscrew. Standards have a base of 3x1½-inch; adjustable spirit level protected by iron handle; standard track gauge.

NO.	Thick Center	Thick. Ends	Wt. Each	EACH
F-1	1½x3¼ in.	1½x2 in.	9 lb.	$9.00

Packed in bulk.

HAMMERS

M

TRIMMERS

Drop forged from carefully selected steel and tempered individually. Handles are of finest straight grained hickory. Full polished.

NO.	Wt. Oz.	Head In.	Overall In.	Wt. lb Ea	EACH
603	7	5¼	12	1	$1.05

CHIPPING

Maydole

Crucible cast steel. Face, sides and pein polished. Hickory handle.

No.	Wt. Head	Wt. Doz.	DOZEN
101	22 oz.	27 lb	$28.00
102	18 oz.	23 lb	25.00

One-third dozen in a carton.

METAL WORKERS

Body Bumping or Finishing

Drop forged, hardened faces. Walnut stained hickory handle, length 12 in. Polished faces and polls, black body. Diameter, square and round face, 1¾ in. and 1⅛ in.

NO.	Oz. Head	Lgth Head In.	lb Doz.	DOZEN
10BB	14	4	14	$15.00
9BB	10	4	12	13.00

Body Bumping or Dinging

Drop forged; hardened faces. Walnut stained hickory handle, length 12¾ in. Especially adapted for light body and sheet metal work. Polished faces, black body.

NO.	Oz. Head	Lgth. Hd. In.	Faces In. Large	Small	lb Doz	DOZEN
15B	13	5¼	1⅞x⅞	1¼x¼	13	$30.00

BILL POSTERS'

Magnetized head; plain eye, polished; selected white ash handle.

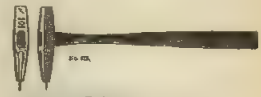
No.	Wt.	Head Length	Length Handle Over All	Sections	lb Doz.	DOZEN
56	5 oz.	4 in.	36 in.	2 18-in.	11	$35.00
57	8 oz.	4½ in.	45 in.	3 15-in.	17	50.00

One-sixth dozen in a box.

MAGNETIC TACK HAMMERS

Magnetized. Drop forged from high grade steel and correctly tempered; selected straight grained hickory handle.

NO.	Head In	Overall In.	Lbs. Doz.	EACH
163	4½	12	7	$1 80



Robertson

Horseshoe magnet. Forged steel, 6 ounce head, bright finish; select hickory handle.

NO.	Length	Wt. Doz.	DOZEN
412	12 in.	6 lb.	$15.00

One-half dozen in a box.

Sayre

Polished steel head, horseshoe magnet; hickory handle.

NO.	Length	Wt. Head	DOZEN
272	12 in.	5 oz.	$8.00
275	12 in.	8 oz.	9.00

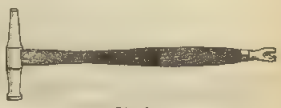
One-half dozen in a box.

Sayre

Magnetized head; solid cast steel, polished, plain eye; hickory handle.

NO.	Length	Wt. Doz.	DOZEN
271	10¼ in.	6½ lb.	$8.75

One-half dozen in a box.



Stanley

Magnetized head; hardwood handle.

NO.	Length	Lgth Head	Wt. Doz.	DOZEN
2T	12 in.	4 in.	4½ lb.	$3.00

One-half dozen in a box.

M HAMMERS

TACK HAMMERS

Stanley

Malleable iron, polished head; inlaid hardwood grip.

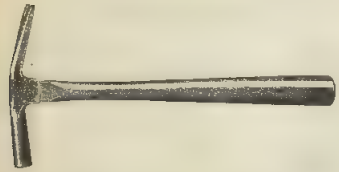
NO.	Length	Wt. Doz.	DOZEN
4	11 in.	5 lb.	$8.00

One dozen in a box.

Sayre—Upholsterers

Cast steel; polished rosewood handle.

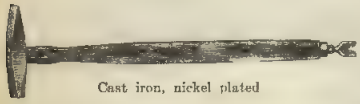
NO.	lb Doz.	DOZEN
67	6	$24.00



Not warranted. Cast iron, nickel plated hardened face and claw; adze eye.

NO.	Length	Wt. Doz.	DOZEN
N100	10½ in.	4 lb.	$3.00

One-half dozen in a box.



Cast iron, nickel plated

NO	Wt. Doz.	DOZEN
15	3 lb	$2 00

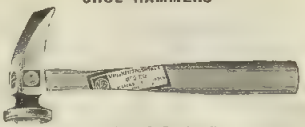
Ten only in a box.

Cast iron, enameled.

NO.	Wt. Doz.	DOZEN
115	5 lb	$1.75

One dozen in a box.

SHOE HAMMERS



Vaughan & Bushnell

Extra refined steel, drop forged, tempered and polished. White hickory handle.

No.	Wt. Head	Length Over All	Wt. Doz.	DOZEN
1	13 oz.	10 in.	14 lb.	$15 00

One half dozen in a box.

PATTERN MAKERS' HAMMERS

Maydole

Crucible cast steel, adze eye, oil finish. Hickory handle.

No.	Wt. Head	Wt. Doz.	DOZEN
035	5 oz.	9½ lb	$25.00

One-half dozen in a box.

TILE SETTERS

Maydole

Crucible cast steel. Polished, oil finish.

NO.	Size oz.	Handled lb. Doz.	DOZEN
406	4	6½	$15.00

BRICKLAYERS' HAMMERS

Plumb

Hand forged; non-rusting finish. Mahoganized handle.

NO.	Size	Wt. Doz.	DOZEN
HP2580	1	13 lb.	$20.50

One-half dozen in a box.

HAMMERS

M

REGULAR NAIL

Maydole—Adze Eye—Bell Face

Crucible cast steel, nickel plated; ebonized handle.

NO.	Size	Wt. Each Unhandled	Wt. Doz. Handled	DOZEN
611½	11½	1	20	$36.00

One half dozen in a box.

Maydole—Adze Eye—Bell Face

Crucible cast steel, polished; hickory handle.

NO.	lb Each Unhandled	lbDoz. Handled	DOZEN
10	1¼ lb	29 lb	$30 00
11	1⅛ lb	22½ lb	25.00
11½	1 lb	20 lb	23.00
12	12 oz	16½ lb	22.00
12½	10 oz.	14 lb	21.00
13	7 oz.	11 lb	20.00
14	5 oz.	8½ lb	19.00

One-half dozen in a box.

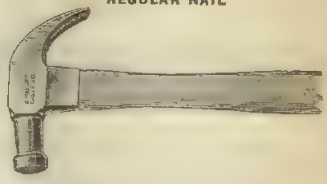
Vanadium—Vaughan and Bushnell

Full polished, octagon neck, round face, hand shaved handles.

NO.	Size	Wt. Each	DOZEN
VB41	1	20 oz.	$30.00
VB41½	1½	16 oz.	30.00
VB42	2	13 oz.	30.00
VB42½	2½	10 oz.	30 00

One in a box.

REGULAR NAIL



Maydole—Adze Eye—Scored Bell Face

Crucible cast steel, polished; hickory handle.

NO.	Wt. Each Unhandled	Wt. Doz. Handled	DOZEN
811½	1 lb.	18 lb.	$26.00

Plumb—Adze Eye—Bell Face

Highest grade cast steel, full polished; hickory handle.

NO.	Size	Wt. Doz.	DOZEN
HF80	11	19 lb.	$22 00
HF81	11½	16 lb.	21.00
HF82	12	13 lb.	20.00
HF83	13	10 lb.	19 00
HF84	14	7 lb.	18.00

One-half dozen in a box.

Union Arrow—Nail

Finest quality; rustless black; deep etched; 2nd growth handle.

NO.	Size	Oz. Head Unhandled	DOZEN
UA-11	11	20	$25.00
UA-11½	11½	16	24.00
UA-12	12	13	22.00
UA-13	13	7	21.00
UA-14	14	5	20 00

One-half dozen in a box.

M HAMMERS

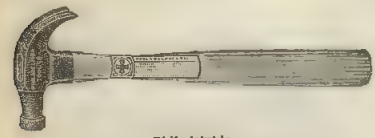
NAIL

Aztec

Drop forged from tool steel. Finely machined claws. Good quality hickory handle.

NO.	Size	Oz. Head Unhandled	DOZEN
A-11½	11½	16	$18.00
A-12	12	13	17.00
A-13	13	7	16.00
A-14	14	4	15.00

One-half dozen in a box.



Philadelphia

Adze eye, bell face; forge finish. Red stained handle.

NO.	Size	Wt. Dozen	DOZEN
145	11½	16 lb.	$12.00
146	13	13 lb.	12.00

One-half dozen in a box.

Union Tool Co.

Adze eye, bell face. Made from genuine steel, drop forged. Black finish. Hickory handles, stained brown.

NO.	Size In.	Unhandled Oz. Head	Lbs. Doz.	DOZEN
UT-11½	11½	16	20	$10.00

Household

Made of high grade, special cast steel, polished and tempered. Hickory handles, stained green.

NO.	Size	Oz. Ea. Unhandled	lb Doz. Handled	DOZEN
1301½	11½	16	18	$7 00
1302	12	13	13	6 00
1303	13	8	10	5 00
1304	14	5	8	4.00

One-half dozen in a box.

LADIES

Cast iron, nickel plated.

NO.	Wt. Doz.	DOZEN
N260	4½ lb.	$2.50

Ten only in a box.

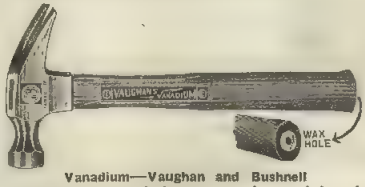
RIPPING

Tradesmen—Vaughan and Bushnell

Full polished; white hickory handle.

NO.	Size	Wt. Each	DOZEN
VB999	1	20 oz.	$30.00

One-half dozen in a box.

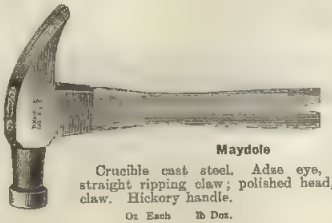


Vanadium—Vaughan and Bushnell

Vanadium full polished octagon neck, round face, hand shaved handles.

NO.	Size	Wt. Each	DOZEN
VB81½	1½	16 oz.	$30.00
VB31	1	20 oz.	30.00

One in a box.



Maydole

Crucible cast steel. Adze eye, bell face, straight ripping claw; polished head, face and claw. Hickory handle.

NO.	Size	Oz Each Unhandled	lb Doz. Handled	DOZEN
711	11	20	21	$26.00
711½	11½	16	17	24.00
712	12	12	14	23.00

One-half dozen in a box.

HATCHETS

M

CLAW

Philadelphia

NO.	Size	Cut	Wt. Doz.	DOZEN
PTC1	1	3½ in.	22 lb.	$16.00
PTC2	2	4 in.	26 lb.	18.00

One-half dozen in a box.

Matowoc

Black finish, polished cutting edge.

NO.	Size	Cut In.	Wt. lb Doz.	DOZEN
71GL	1	3½	23	$10.00

½ dozen in a box.

LATHING

Genuine Underhill Bros.—Chicago Pattern

Hand made from highest grade, charcoal tempered steel, 2-inch cut, short neck, square face, scored 9 rows, 81 points; weight 20 ounces each.

NO.	Wt. Doz.	DOZEN
100	20 lb.	$52.00

One-half dozen in a box.

California Pattern

Same general style as the Chicago pattern but with convex head with 11 rows of 11 fine teeth; tough young growth hickory handles. Weight each 21 ounces.

NO.	Wt. Doz.	DOZEN
110	20 lb.	$54.00

One-half dozen in a box.

LATHING

Sayre—California Pattern

1¼-inch head, extra quality—Full polished; 14 corrugations.

NO.	Wt Each	Width Bit	DOZEN
140	17 oz.	2½ in.	$40.00

One-half dozen in a box

Plumb—Au-to-graf

Underhill pattern, thin blade, high grade forged steel, full polished and etched.

2-inch cut, 1⅛-inch square, convex scored face. Selected, swelled end, white hickory handles.

NO.	Wt. Each	Wt. Doz.	Scored	DOZEN
1961	15 oz.	18 lb.	9-81 pts.	$45 00
1962	15 oz.	19 lb.	10-100 pts	46 50

One-half dozen in a box.

Plumb—Black Anti-Rust Finish

NO.	Size	Cut	Wt. Doz.	DOZEN
2981	1	2¾ in.	17 lb.	$24.00
2982	2	2⅛ in.	18 lb.	25.00

One-half dozen in a box.

M HAMMERS

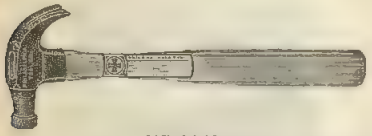
NAIL

Aztec

Drop forged from tool steel. Finely machined claws. Good quality hickory handle.

NO.	Size	Oz. Head Unhandled	DOZEN
A-11½	11½	16	$18.00
A-12	12	13	17.00
A-13	13	7	16.00
A-14	14	4	15.00

One-half dozen in a box.



Philadelphia

Adze eye, bell face; forge finish. Red stained handle.

NO.	Size	Wt. Dozen	DOZEN
145	11½	16 lb.	$12.00
146	12	18 lb.	12.00

One-half dozen in a box.

Union Tool Co.

Adze eye, bell face. Made from genuine steel, drop forged. Black finish. Hickory handles, stained brown.

NO.	Size In.	Unhandled Oz. Head	Lbs. Doz.	DOZEN
UT-11½	11½	16	20	$10.00

Household

Made of high grade, special cast steel, polished and tempered. Hickory handles, stained green.

NO.	Size	Oz. Ea. Unhandled	lb Doz. Handled	DOZEN
1301½	11½	16	18	$7 00
1302	12	13	13	6 00
1303	13	8	10	5 00
1304	14	5	8	4 00

One-half dozen in a box.

LADIES

Cast iron, nickel plated.

NO.	Wt. Doz.	DOZEN
N260	4½ lb.	$2.50

Ten only in a box.

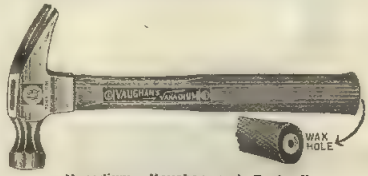
RIPPING

Tradesmen—Vaughan and Bushnell

Full polished; white hickory handle.

NO.	Size	Wt. Each	DOZEN
VB999	1	20 oz.	$30.00

One-half dozen in a box.

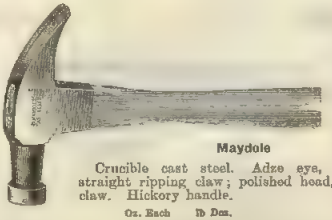


Vanadium—Vaughan and Bushnell

Vanadium full polished octagon neck, round face, hand shaved handles.

NO.	Size	Wt. Each	DOZEN
VB31½	1½	16 oz.	$30.00
VB31	1	20 oz.	30.00

One in a box.



Maydole

Crucible cast steel. Adze eye, bell face, straight ripping claw; polished head, face and claw. Hickory handle.

NO.	Size	Oz. Each Unhandled	lb Doz. Handled	DOZEN
711	11	20	21	$26.00
711½	11½	16	17	21 00
712	12	12	14	23.00

One-half dozen in a box.

HAMMERS

M

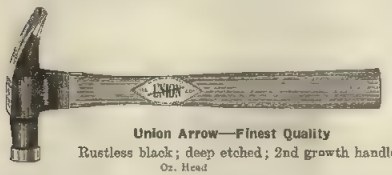
RIPPING

Plumb

Highest grade tool steel, polished; adze eye, bell face. Hickory handle.

NO.	Size	Wt. Doz.	DOZEN
HF85	11	21 lb.	$23.00
HF86	11½	18 lb.	22.00

One half dozen in a box.



Union Arrow—Finest Quality

Rustless black; deep etched; 2nd growth handle.

NO.	Size	Oz. Head Unhandled	DOZEN
UA-711	11	20	$25.00
UA-711½	11½	16	24.00

One-half dozen in a box.

Aztec

Drop forged from stool steel. Finely machined claws. Good quality hickory handle.

NO.	Size	Oz. Head Unhandled	DOZEN
A7-11½	11½	16	$18.00

One half dozen in a box

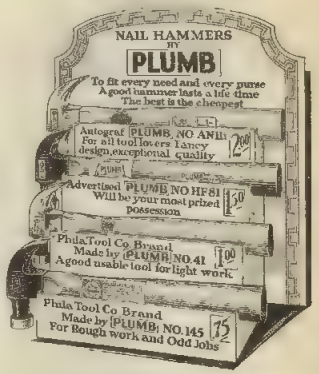
Philadelphia

Adze eye, bell face, forge finish, red stained handles.

NO.	Size	Wt. Dozen	DOZEN
155	11½ in.	16 lb.	$12.00

One-half dozen in a box.

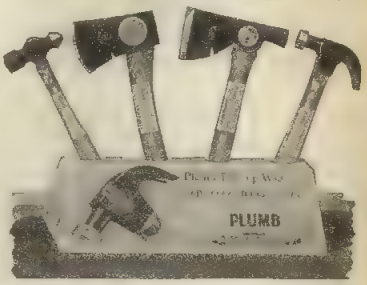
HAMMER ASSORTMENTS



Plumb—"Trading Up" Unit

Displays four different price ranges of Plumb Nail Hammers. Assortment consists of one dozen Nail Hammers. 2 only Autograph No. AN11½; 4 only HF81; 2 only P. T. Co. No. 41; 4 only P. T. Co. No. 145.

NO.	Lbs Each	EACH
1C	21	$20.00



Plumb—Assortments

Assortment contains one dozen of the fastest selling Plumb tools, as listed below.

	DOZEN
4 Only HF81 nail hammers	$26.00
3 Only 655S Boy Scouts' axes and sheaths	24.00
3 Only 2961 half hatchets	29.00
2 Only HF374 1 lb. ball pein hammers	24.00
1 Display case, 1 window trim, 5 display cards, gratis	

NO.	Wt. Each	EACH
40	25 lb.	$24.00

M HAMMERS

MACHINISTS

Maydole—Ball Pein—Round Pattern

Crucible cast steel; oil finish, polished face; hickory handle.

NO.	Wt. Head	Wt. Doz.	DOZEN
778	5 oz.	5 lb.	$14.00
777	7 oz.	6 lb.	15.00
776	10 oz.	8 lb.	16.00
775	13 oz.	10 lb.	18.00
774	16 oz.	13 lb.	20.00
773	20 oz.	16 lb.	21.00
772	24 oz.	20 lb.	22.00
771	30 oz.	23 lb.	24.00
770½	36 oz.	28 lb.	26.00
770	45 oz.	40 lb.	30.00

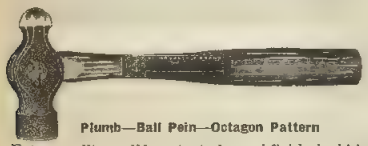
One-third dozen in a box.

Plumb—Ball Pein—Octagon Pattern

Extra quality, solid cast steel; polished face and pein; hickory handle.

NO.	Size	Wt. Head	Wt. Doz.	DOZEN
370	4/0	6 oz.	5½ lb.	$17.00
371	3/0	8 oz.	6½ lb.	17.00
372	2/0	12 oz.	10 lb.	17.00
373	0	16 oz.	13 lb.	18.00
374	1	20 oz	16 lb.	19.00
375	2	24 oz.	20 lb.	20.00
376	3	30 oz.	23 lb.	21.00
377	4	32 oz.	25 lb.	24.00
379	6	40 oz.	30 lb.	27.00

No. 370, one-half doz. in a box; balance, one-third doz. in a box.

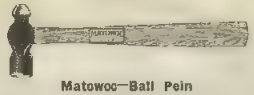


Plumb—Ball Pein—Octagon Pattern

Extra quality, solid cast steel, semi-finished; hickory handle.

NO.	Size In.	Oz. Head	lb Doz.	DOZEN
0371	3/0	8	6½	$9.00
0372	2/0	12	10	9.00
0373	0	16	13	9.50
0374	1	20	16	10.00
0375	2	24	20	11.00
0376	3	30	23	12.00
0377	4	32	25	13.00
0379	6	40	30	14.00

MACHINISTS



Matowoc—Ball Pein

Rubber black finish, face polished only.

NO.	Wt. Oz Head	Size	Wt. lb Doz.	DOZEN
1003L-12	12	00	13	$5.00
1003L-16	16	0	15	7.00

Auto—Ball Pein

No.	Wt. Head	Wt. Doz.	DOZEN
1801	12 oz.	13 lb	$6.00

One-half dozen in a box.

HAND-D HAMMER

Hammer head is of high grade steel. Handle is of heavy brass, containing three screw drivers measuring 5½ in., 2½ in. and 1¾ in. long.

NO.	lb Head	DOZEN
Hand-D	¾	$20.00

Ball Pein

For light or small work. Head is turned from solid steel bar, hardened. Steel handle, knurled, fitted tight in head, cannot come off, well nickeled and balanced.

NO.	Oz. Ea.	Lgth. Head	Lgth. Overall	DOZEN
1500	6	1¾	7½	$2.40
1502	9	2⅛	8½	3.00
1504	10	2½	8½	4.00

One dozen in a carton.

Maydole—Cross Pein

Crucible cast steel. Face, sides and pein polished. Hickory handle.

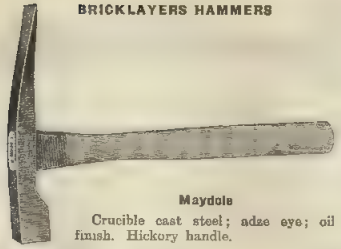
No.	Wt. Head	Wt. Doz.	DOZEN
173	20 oz.	26 lb	$28.00
174	16 oz.	22 lb	25.00

One-third dozen in a carton.

HAMMERS AND PICKS

M

BRICKLAYERS HAMMERS

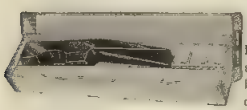


Maydole

Crucible cast steel; adze eye; oil finish. Hickory handle.

No.	Wt. Head	Wt. Doz.	DOZEN
562	30 oz.	32½ lb	$34.00

One third dozen in a box.

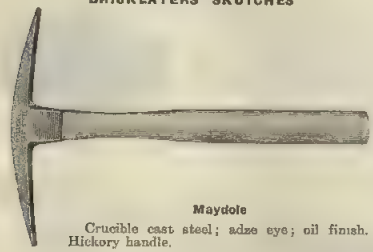


Adze Eye—Brick

Unassembled. The head, handle and wedges are packed in a single box, convenient for carrying and redressing.

NO.	Wt. Oz.	Size	Overall In.	Lbs. Ea.	EACH
161	24	1	11	2	$2.50

BRICKLAYERS' SKUTCHES



Maydole

Crucible cast steel; adze eye; oil finish. Hickory handle.

No.	Wt. Head	Wt. Doz.	DOZEN
2562	30 oz.	35 lb	$34.00

One-half dozen in a box.

PROSPECTING PICKS

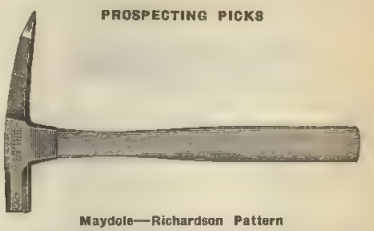
Plumb

Solid forged tool steel, tempered point and poll, polished, 12 inch handle.

NO.	Wt. Ea. Without Handle	DOZEN
470	1 lb.	$30.00

One-half dozen in a box.

PROSPECTING PICKS



Maydole—Richardson Pattern

Crucible cast steel, adze eye; oil finish. Hickory handle.

No.	Wt. Head	Wt. Doz.	DOZEN
1482	24 oz.	28 lb	$34.00
1483	16 oz.	22 lb	30.00

PROSPECTING HAMMERS

Maydole

Crucible cast steel, oil finish. Hickory handle.

No.	Wt. Head	Wt. Doz.	DOZEN
682	28 oz.	30 lb	$24.00

One-third dozen in a carton.

DRILL SHARPENING HAMMERS

Vaughan & Bushnell

Drop forged from extra refined steel. Faces and peins are hardened and polished. White hickory handle.

No.	Wt. Head	Length Over All	Wt. Doz.	DOZEN
0	22 oz.	14 in.	20 lb	$25.00

One-half dozen in a box.

SCALING HAMMERS

Plumb

Solid cast steel; plain eye; natural finish.

NO.	Wt. Each Unhandled	Wt. Doz. Handled	DOZEN
8095	1 lb.	17 lb.	$19.00

One-half dozen in a box.

N

M

HAMMERS

M

RIVETING HAMMERS

Plumb—Tinners'

One piece, drop forged crucible steel; hardened pein; octagon face, full polished. Hickory handle.

NO.	Face	Wt. Ea. Unhandled	DOZEN
221	⅝ in.	½ lb.	$15.00

One-half dozen in a box.

Plumb

Drop forged crucible steel, full polished. Hickory handle.

NO.	Size	Wt. Doz. Unhandled	DOZEN
251	1	7 lb.	$14.00
252	2	9 lb.	15.00
253	3	12 lb.	16.00
254	4	15 lb.	18.00

One-half dozen in a box.

SETTING OR PANEING HAMMERS

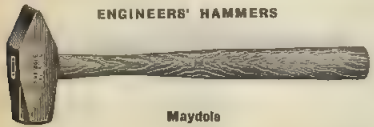
Plumb

One piece, drop forged crucible steel; square face; hardened pein, full polished. Hickory handle.

NO.	Face	Unhandled	DOZEN
281	⅝ in.	2 lb.	$15.00

One-half dozen in a box.

ENGINEERS' HAMMERS



Maydole

Crucible cast steel; riveting pein; oil finish. Hickory handle.

No.	Wt. Head	Wt. Doz.	DOZEN
791	36 oz.	38 lb	$22.00
791½	32 oz.	34 lb	21.00
792	28 oz.	31 lb	20.00
793	24 oz.	28 lb	19.00

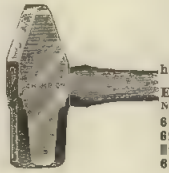
One-third dozen in a carton.

Maydole Plow or Engineers'

Crucible cast steel, double face, oil finish. Hickory handle.

No.	Wt. Head	Wt Doz.	DOZEN
1663	48 oz.	48 lb	$30.00
1664	40 oz.	41 lb	38.00

One-third dozen in a carton.



Champion Blacksmiths' Hand

First quality cast steel; polished head; hickory handle.

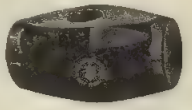
E

NO.	Oz. Hd	lb Doz.	DOZEN
62-1	32	30	$16.00
62-2	42	36	18.00
62-3	48	47	19.50
62-4	56	50	21.50

SLEDGES

Heller Turning—Octagon

Solid cast steel, oil finished; hardened and polished faces, one flat and one round.



E

NO.	Wt. Ea.	EACH
66-5½	5½	$3.00
66-6	6	3.15
66-6½	6½	3.30
66-7	7	4.00
66-7½	7½	4.75

Hand Drilling or Single Jack—California Pattern

Solid forged steel, oil finish; hardened and polished faces.

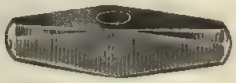
F

NO.	Wt Ea.	EACH
580-3	3 lb	$1.60
580-4	4 lb	1.80

Packed in kegs of approximately 250 pounds.

Hand Drilling or Single Jack—Nevada Pattern

Solid forged steel, oil finish; hardened and polished faces.



F

NO.	Wt. Ea.	EACH
860-3	3 lb.	$1.20
860-4	4 lb.	1.40

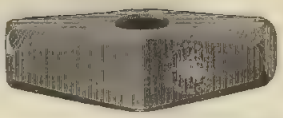
Packed in kegs of approximately 250 pounds.

SLEDGES

F

Striking or Double Jack, Nevada Pat.

Solid forged steel, oil finish; hardened and polished face.



NO.	Wt. Each	EACH
860-5	5 lb.	$1.60
860-6	6 lb.	1.80
860-8	8 lb.	2.25
860-10	10 lb.	2.50
860-12	12 lb	2.75
860-14	14 lb.	3.00
860-16	16 lb.	3 50

Packed in kegs of approximately 250 pounds.

Double Face

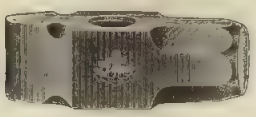
Solid forged steel, oil finished; hardened and polished faces

NO.	Wt. Ea.	EACH
1060-8	8 lb	$2.00
1060-10	10 lb	2.25
1060-12	12 lb	2.50
1060-14	14 lb	2.75
1060-16	16 lb	3 00
1060-18	18 lb	4.00
1060-20	20 lb	4 50

Packed in kegs of approximately 250 pounds.

Straight Pein

Solid forged steel, oil finish; hardened and polished head and pein.



NO.	Wt. Ea.	EACH
1040-8	8 lb.	$2.00
1040-10	10 lb.	2.50
1040-12	12 lb	3.00
1040-14	14 lb.	4.00
1040-16	16 lb	4.25
1040-18	18 lb	4.75
1040-20	20 lb.	5.00

Packed in kegs of approximately 250 pounds.

Cross Pein

Solid forged steel, oil finished; hardened and polished head and pein.

NO.	Wt. Ea.	EACH
1030-8	8 lb	$2.00
1030-10	10 lb	2 50
1030-12	12 lb	3 00
1030-14	14 lb	4.00
1030-16	16 lb	4.25
1030-18	18 lb	4.75
1030-20	20 lb	5.00

Packed in kegs of approximately 250 pounds.

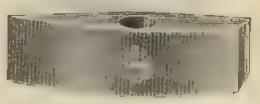
Stone Sledges—Regular Pattern

Solid forged steel, oil finish, hardened face.

F

No.	Wt. Each	EACH
920-10	10 lb.	$2.50
920-12	12 lb.	2.75
920-14	14 lb.	3 25
920-16	16 lb.	3 75

Packed in bulk.



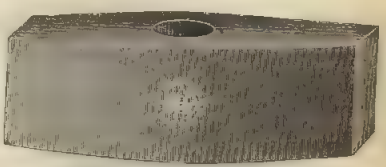
Masons' Hammers—Regular Pattern

Single face, solid cast steel, oil finish; hardened and polished faces

F

No.	Wt. Each	EACH
970-3	3 lb.	$1.60
970-4	4 lb.	1.70
970-5	5 lb.	2.00
970-6	6 lb.	2 50
970-8	8 lb.	2.70
970-10	10 lb.	3 25
970-12	12 lb.	4.00
970-14	14 lb.	4 50

Packed in kegs of approximately 250 pounds.



Spalling or Stone Hammers—Double Face

Solid forged steel, oil finish; hardened and polished faces.

F

No	Wt Each	EACH
960-4	4 lb.	$1 40
960-5	5 lb.	1 60
960-6	6 lb.	2 00
960-8	8 lb.	2.50
960-10	10 lb.	3 00
960-12	12 lb.	3.75
960-14	14 lb.	4 50

Packed in bulk.

F

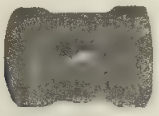
MAULS

Coopers' Hoop Driving Mauls

Heavy solid forged steel, oil finished and tempered.

F NO.	Wt. Each	POUND
1320-1½	1½ lb.	$1.00
1320-2	2 lb.	1.00

Packed in kegs of approximately 250 pounds.



Post Mauls

Cast iron, without handle.

F No.	Wt. Each	EACH
110	10 lb.	$1.00
112	13 lb.	1.25
116	16 lb.	1.50
118	18 lb.	1.75

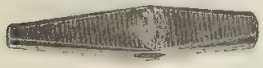
Packed in bulk.

Ship or Top Mauls

Solid forged steel, oil finish; hardened and polished faces; body painted blue.

No.	Wt. Each	EACH
1560-4	4 lb.	$2.00
1560-5	5 lb.	2.25
1560-6	6 lb.	2.50
1560-8	8 lb.	3.50
1560-10	10 lb.	4.00

Packed in bulk.



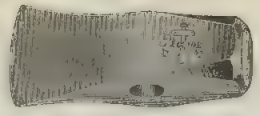
Spike Mauls

Crucible steel, oil finish; oval eye; hardened and polished faces.

No.	Wt. Each	EACH
1570-6	6 lb.	$1.80
1570-8	8 lb.	2.25
1570-10	10 lb.	2.50

Packed in bulk.

WOOD CHOPPERS' WEDGES



Round Eye—Oregon Pattern

Solid forged steel, oil finish, hardened and polished face.

NO.	Wt. Ea.	EACH
2130-4	4 lb.	$2.00
2130-6	6 lb.	2.40
2130-7	7 lb.	2.50
2130-8	8 lb.	2.60
2130-10	10 lb.	3.00

Packed in bulk.

Axe Eye—Oregon Pattern

Solid tool steel, oil finish, hardened and polished face

NO.	Wt. Ea.	EACH
2131-4	4 lb.	$2.00
2131-6	6 lb.	2.40
2131-7	7 lb.	2.50
2131-8	8 lb.	2 60
2131-10	10 lb.	3 00

Packed in bulk.

Truckee Pattern

Forged steel, oil finish, hardened head and bit.

NO.	Wt Ea	POUND
1500-4	4 lb.	$0.18
1500-5	5 lb.	.18
1500-6	6 lb.	.18
1500-7	7 lb.	.18
1500-8	8 lb	.18

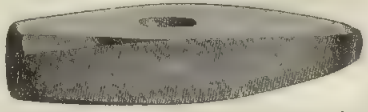
TRACK TOOLS

PUNCHES

Crucible steel, oil finish; oval eye, hardened and tempered; octagon poll with square punching end, tapering to ⅝-inch.

NO.	Wt. Ea.	POUND
2140-4	4 lb.	$0.50
2140-4½	4½ lb.	.50
2140-5	5 lb.	.50

CHISELS



Special crucible forged steel, oil finished and tempered, oval eye.

NO.	Wt. Ea.	POUND
1-5	5 lb.	$0.50
1-6	6 lb.	.50

Packed in bulk.

The World's Best Play Apparatus

JUNGLEGYM

JUNIOR

Trade Mark Registered

Satisfies urgent instinct to climb.

"Absolutely safe," say hundreds of delighted parents. The children love it.

A nice business with good profit is yours for the asking.

Display photos, folders and mailing slips free to our dealers.

Patented Oct 23, 1923, March 25, 1924

PLAYGROUND EQUIPMENT CO.
82 DUANE ST. NEW YORK

THE HIT OF THE YEAR

Play the Winning Hand

Pokerette is selling wonderfully—no need to wait for any particular season

YOU GET ACTION WITH

POKERETTE

Simple to operate. Just a spin of the dials and you have ten poker hands. Two to ten people can play. Pokerette can also be played in conjunction with a regular deck of playing cards.

Substantially made of steel. Beautiful Duco finish on base, polished nickel spinning device. Each of the five discs runs on ball bearings. These discs display a regular deck of cards printed in three colors. The game is mounted on four rubber feet, so that it will not scratch the table. Individually boxed.

Showing at the

CHICAGO TOY FAIR
APRIL 28 to MAY 12
PALMER HOUSE, ROOM 726

Manufactured by Eyles Manufacturing Company

CHICAGO TOY HOUSE
221 W. MADISON ST., CHICAGO, ILL.
WM. A. BENOLIEL — Sole Distributors — EILEEN BENOLIEL

One good turn deserves another—please mention PLAYTHINGS.

TOP POLO

Children take to this new game instantly

The new, popular Top Polo is a contest game—Polo played with a top. Ordinarily played outdoors, it quickly attracts attention and few kids can resist its appeal. After the first few sets of Top Polo are sold, the rest move surprisingly fast.

Write for prices, further details and a sample set.

The Standard model retailing at 25c includes, in a cardboard box, one spring-wound wooden top as the polo ball, two whips for mallets and a twenty-game score pad. The Junior set retailing at 15c includes one top and one whip.

THE POLOTOY COMPANY
57th and Vine Streets, Philadelphia, Pa.

NEW YORK CITY
STROBEL-WILKEN CO., Inc.
33 East 17th Street

FRANK WISSIG
640 W. Pratt St., Baltimore, Md.

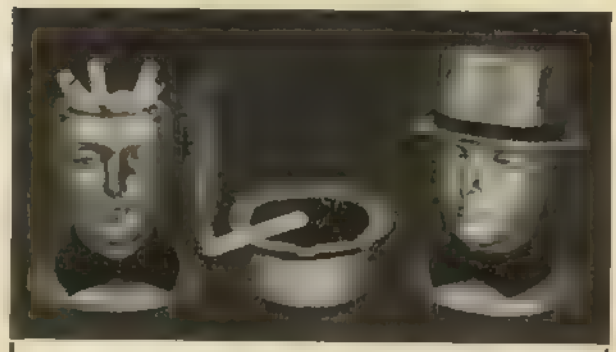
TOYS OF QUALITY

Representing Well Known Lines—

Paris Manufacturing Co.
American-National Co.
York Novelty Co.
and
Carriage & Toy Co.

MANUFACTURERS
DOLL AND BABY CARRIAGES
CHILDREN'S ROCKERS
AND FIBRE FURNITURE

COMPLETE LINES NOW ON DISPLAY



IN USE AS AN ORNAMENT

FLAPPER ASH TRAY

PAT. PENDING

The Niftiest, Snappiest Novelty In Many A Year!

WRITE FOR SAMPLES
On display at The Chicago Toy Fair, Room 435, Hotel Morrison, Jess Wilson Rep

Here's a real new idea—a combined cigarette container and ash tray in the most novel form imaginable. Has a wonderful modernistic touch, and is useful as well as ornamental. Finished in Silver and Gold. $1.00 retail. Sells like hotcakes. Distributed by Leading Jobbers.

ANITA NOVELTY CO., Inc.
135 WOOSTER ST. NEW YORK

Also Creators and Mfrs. of Distinctive Pillows and Flapper Dolls

CHIP RACKS AND CHIPS

ROUND CHIP RACKS

Mahogany finish, varnished, Roman gold finished handle, leatherette cover.

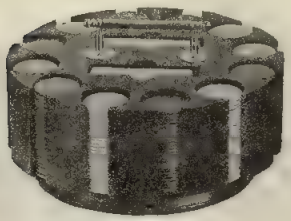
NO.	Capacity	EACH
575M	200 chips; 2 packs of cards	$7.00

Red lacquer, black and gold coloring, Roman gold finish handle. Fabrikord cover.

NO.	Capacity	EACH
405R	200 chips, 2 packs of cards	$8.00

Red lacquer, black and gold coloring. Roman gold finish handle, fabrikoid cover.

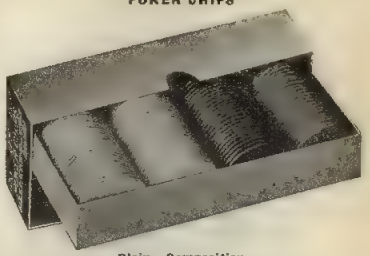
NO.	Capacity	EACH
406R	300 chips; 2 packs of cards	$10.00



Solid American walnut, varnished and hand rubbed. Copper oxidized finish drop handles.

NO.	Capacity	EACH
443	300 chips; 2 packs of cards	$18.00

POKER CHIPS



Plain—Composition

Superior quality; size 1⅛ inches; packed 50 white, 25 blue and 25 red in each box of 100.

NO.	lb 100	Per 100
22	1¼	$1.25
22Y	1¼ Yellow, 100 in a box	1.25

Unbreakable

Plain, highly polished, paper composition; size 1⅛ in.; packed 50 white, 25 blue and 25 red in a box of 100.

NO.	Wt. 100	Per 100
44	¾ lb.	$1.00

Indestructable

Plain, highly polished, made of a special indestructable composition. Packed 50 white, 25 blue and 25 red in a box of 100.

NO	lb 100	Per 100
55ID	1¾	$5 00
55YID	1¾ Yellow, 100 in a box.	5 00

U. S.—Engraved

Same quality and size as No. 22. Engraved with the following designs: Cap and Whip, Flush Hand, and Bulldog. Made in white, red, blue and yellow.

NO.	Wt. 100	Per 100
33	1¾ lb.	$3.00

Specify Design When Ordering

Swastika

U. S.—Paranoid Inlaid

A high grade chip packed 50 white, 25 blue and 25 red in a box. Also supplied in yellow. Packed 100 in a box.

Fleur de Lis

NO	Lbs. 100	PER 100
66	1¼	$7.50
66Y	1¼ Yellow, 100 in a box	7.50

G CARD TABLES

BRIDGE SETS

Kumfy

Folding table and chairs. Round cornered bentwood table and chairs have rigidity and strength. Leatherette top on table and chairs furnished in Chinese red or dull walnut. Packed in knocked down form for shipping.

NO.	Color	SET
1	Chinese Red	$31.50
2	Dull Walnut	31 50

One set in a carton.

Tables

The same table as furnished in the above set, except finished in dull walnut with no strips or ornaments. Packed one table in a carton, in knocked down form.

NO.	Size In.	EACH
10		$12.00

Chairs

The same rigid chair as furnished in the set well padded and thoroughly comfortable. Finished in dull walnut.

NO.	Size In.	EACH
11		$7.50

½ dozen in a carton.

MASTER FOLDING CARD TABLES

Similar to Dependable table, but has double brace and is more solidly constructed. Top finished with black moire.

NO.	Color	Ht In.	lb Doz.	DOZEN
851	Red	26	146	$72.00
852	Black	26	146	72.00
853	Blue	26	146	72.00
856	Green	26	146	72.00

All numbers packed ½-dozen to carton.

Base of top is fireboard with finished tops of circle moire. Padded and decorated.

NO.	Color	Top	lb Doz	DOZEN
751	Red Bird	Black	106	$50 00
752	Black Bird	Red	106	50.00
753	Blue Bird	Silver	106	50.00
754	Canary	Black	106	50.00
755	Brn. Thrush	Green	106	50 00
756	Parrot	Burnt Orange	106	50.00

ROSE MARIE SETS

The delicate old rose finish will blend nicely with the trend in draperies and floor coverings. Artistically turned legs, round corners and padded moire top

NO	SET
3	$28 00

ROSE MARIE TABLE

The same table as furnished in above set.

NO.	Ht In.	Lbs. Doz.	DOZEN
12	26	114	$56.50

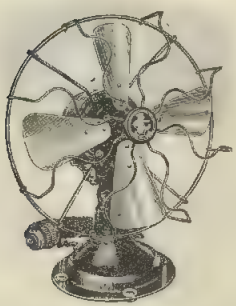
ROSE MARIE CHAIR

The same chair as furnished in above set.

NO	Lbs Doz	DOZEN
13	84	$74 00

ELECTRIC FANS

POLAR CUB



All Polar Cub Products Guaranteed by the Manufacturers

Model B67—8-Inch

Cord has separable screw plug. Finished in black enamel. Steel motor shell with bronze bearings. Cast iron base, brass finished blades. Universal motor operates on 110 volts, 60-cycle or less A. C. or D. C. Draws on an average of 20 to 25 watts. One speed. Height over all 8 inches. Diameter of guard 6¾ inches. Diameter of blade 6 inches. Net weight 2 lb 6 oz. Packed in corrugated container.

NO.	lb Each	EACH
B67	4	$4.50

Twelve in a carton; weight 55 lb.

Universal motor, for alternating or direct current, 110 volts, 60 cycles or less. Bronze bearings; drawn steel shell and base, attachable to wall; black enamel finish; brass blades; wire guard; standard cord and two-piece plug. Improved speed control, one speed and stop.

10-Inch—Stationary

NO.	Lbs Each	EACH
B86	6	$6.50

Oscillating—10-Inch

Oscillator has—die-cast housing for oscillator movements. Automatic spring release in oscillator against contact. Improved porcelain insulated speed control, two speeds and stop.

NO.	lb Each	EACH
B84	7	$9.95

Six in a carton; weight 47 lb.

VICTOR

A full sized 12-in. fan built to give long service. Self-aligning phosphor bronze bearings, automatically lubricated. A quiet motor and economical to operate. Antique bronze finish. Weight 16 pounds.

NO.	Volts	Current	Cycles	EACH
FS250	110	AC	50 or 60	$15.00

(Without breeze spreader.)

Breeze Spreader—For Victor Fan

No dangerous drafts, produces a steady comfortable breeze from all directions and over a wide area. Finished to match fan.

NO.	lb Each	EACH
BS	2	$1.00

CEILING

Robbins and Myers

Plain type; black enamel finish; induction type motor. Blades can be reversed to direct breeze to ceiling. Hardwood blades. Ceiling canopy, insulating hanger. Suitable for 10½ to 12-foot ceilings.

A. C.—52 Inches—Four Blades—Three Speeds

No.	lb Each	Volts	Cycles	EACH
5802	30	110	50	$48.00
5804	30	110	60	48.00

As above, supplied complete with ceiling canopy, hook and insulated hanger, but without hanger pipe.

A. C.—36 Inches—Four Blades—Three Speeds

No.	lb Each	Volts	Cycles	EACH
5702	25	110	50	$40.00
5704	25	110	60	40.00

TABLE OF COMPARATIVE SIZES OF ICE SKATES AND SHOES

The following will be found approximately correct and a help in ordering ice skates. Measure sole from heel to toe.

Size skate, in.	7		7½		8		8½		9		9½
Size shoe	9½,10		10½		11,11½		12,1		1½,2	2½	8,8½
Size skate, in.	10		10½		11		11½		12		
Size shoe	4,4½,5		5½,6,6½		7,7½,8		8½,9,9½		10,10½,11		

SKATING OUTFITS

(Illustration shows racer model.)

Flyer.

High carbon steel blades, aluminum finish. One piece cold drawn seamless steel front cup riveted to solid plate. Double stitched, reinforced cowhide leather shoes, moulded solid sole leather arch, supporting counter that comes forward under the instep and gives unvarying support to the foot when skating. Furnished in full sizes only: 6, 7, 8, 9, 10 and 11.

Be sure and state size when ordering.

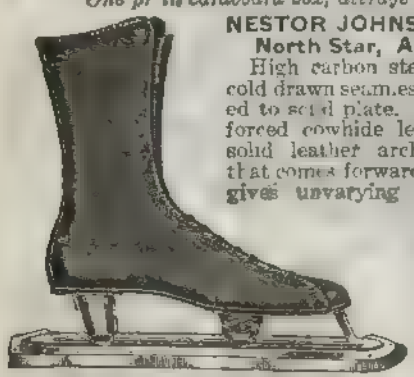
NESTOR JOHNSON	1 to 24 pr, Per Pair	25 pr or more, Per Pair
No. 42—Mens Racer	✚$15 75	✚15 00
No. 44—Mens Hockey	✚ 15 75	✚16 00
No. 46—Ladies Racer	✚ 15 75	✚15 00
No. 48—Ladies Hockey	✚ 15 75	✚15 00

JUNIOR JOHNSON, One Style-Flyer.

Sizes 11 to 4.

No.	77
1 to 24 pr, Per Pair	✚$15 00
25 pr or more, Per Pair	✚ 14 25

One pr in cardboard box; average wt per pr 4 lbs.



(Illustration shows racer model.)

NESTOR JOHNSON
North Star, Aluminum Finish.

High carbon steel blades. One piece cold drawn seamless steel front cup riveted to solid plate. Double stitched reinforced cowhide leather shoes, moulded solid leather arch supporting counter that comes forward under the instep and gives unvarying support to the foot when skating. Equipped with patented rib on runned tube, strong and rigid; runner cannot spring or bend. Furnished in full sizes only: 6, 7, 8, 9, 10 and 11.

Be Sure And State Size when ordering.

	1 to 24 pr, Per Pair	25 pr or more Per Pair
No. 32—Men's Racer	✚$21 00	✚$19 50
No. 34—Men's Hockey	✚ 21 00	✚ 19 50
No. 36—Ladies Racer	✚ 21 00	✚ 19 50
No. 38—Ladies Hockey	✚ 21 00	✚ 19 50

One pr in cardboard box; average wt per pr 4 lbs.

SKATE SHARPENERS

UNION HARDWARE CO.

Steel slides, with handle and file center. Fits snugly over the runner of any ice skate.

	Per Doz
No. 1S—Size file 2¼x⅝ in; length over all 3½ ins	$6 75

One in cardboard box; wt per doz 3 lbs.

✚F. O. B. Illinois Factory Only.

POLICE GOODS

BILLETS

Black leather; sewed leather covered solid lead head; flexible steel wire spring core; body braided, wide sliding leather loop. Per Doz

No. 1—Length 8 ins; wt each 8 ozs $26 40

Tan and black leather; leather covered solid lead head; flexible steel wire spring core; body braided, stationary loop fastened to core. Per Doz

No. 5—Length 9 ins; wt each 9 ozs $43 50

Russet leather; extra heavy leather covered solid lead head; flexible steel wire spring core; body braided, leather loop. Per Doz

No. 8—Length 8 ins; wt each 7 ozs $54 00

Above billets packed loose.

CHAIN NIPPERS

Forged steel, nickel plated; carefully welded links; very effective by putting around wrist and holding both holds in one hand. Each

No. 14—Wt each 4½ ozs $1 74

Half doz in cardboard box.

HAND CUFFS

Tower's Bean's pattern; extra light, adjustable.

Locks can be set so that cuff is always open ready. Release catch at back of lock and the cuffs can be operated quickly. Per Pair

No. BP1—Polished; wt per pair 12 ozs $15 75

The double lock is two secure tumbler locks, one self locking, the second locked with a key. Same key unlocks both, by turning twice around in same direction. Forged steel; welded links. Per Pair

No. 10—Polished; wt pr 17 ozs $15 75

HAND CUFFS, PEERLESS

Best quality drawn steel. Automatic continuously revolving, self-locking adjustable jaws, single or double locking and can then be locked in a fixed position, if desired, by one complete turn of the key. Per Doz Pair

No. 1P Nickel plated; wt per pr 12 ozs $322 50

LEG IRONS

Tower's Double Lock—The double lock is two secure tumbler locks, one self locking, the second locked with a key. Same key unlocks both by turning twice around in same direction. Forged steel; welded links. Per Pair

No. 50—Polished; wt per pr 8 lbs $23 10

Hand Cuffs and Leg Irons; one pair in cardboard box.

LEG IRONS WITH BALL AND CHAIN

Solid cast iron balls, japanned Tower's double lock irons, fitted with 3 ft. of chain; polished. **Balls and chain fitted to irons after order is received.**

Balls Only.

Nos.	1B-12	1B-15	1B-18	1B-22
Wt each, lbs	12	15	18	22
Per Lb	$0 26	26	26	26
Nos.	**1B-25**	**1B-28**	**1B-32**	**1B-40**	**1B-50**
Wt each, lbs	25	28	32	40	50
Per Lb	$0 26	26	26	26	26

Leg Irons Only.

No. 1L1—For one leg; wt each 1½ lbs ..... Each	$11 25
No. 2L1—For two legs; wt per pair, 31 lbs. Per Pair	22 50

Chain Only. Per Lb

No. 1C0—Length 3 ft, unless otherwise specified; wt per 3 ft of chain 2¼ lbs $0 48

Packed loose.

A Complete and Splendid Representation of Kitchen Wall Clocks in Bright, Cheery and Attractive New Colors

To brighten up a dark corner or to harmonize a clock with other furnishings is the inherent desire of every woman. Portrayed herein are quality clocks of the "BETTER GRADE" to radiate the charm and attractiveness so prevalent in the well appointed home. These clocks are so admirably suitable for gift purposes and acceptable for most any occasion it makes a practical serviceable and thoughtful gift. Prices comparatively low, quality considered

PRACTICAL GIFTS THAT BRING HAPPINESS

COLORED PORCELAIN WALL CLOCK
Kitchenette Model
Eight-Day Apple Green

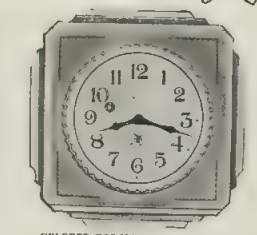
This model is especially popular for kitchenettes. Very attractive for those who also have a small kitchen. This style has a finely shaped porcelain plate, which measures 9 inches in diameter, hence wide. Has a rich beautiful green border effect with apple design. Effective and pretty in coloring. Fitted with a fine and reliable and very dependable 8-day American make movement in wood mantel container. Table model, also wall model. Made a most practical gift item.
No. 3147 Each $5.60

COLORED PORCELAIN WALL CLOCK
Fits Flush to the Wall
Eight Day Sunshine Yellow
Modernistic Design

At a glance one quickly recognizes how modern and up-to-the-minute this MODERNE design clock, portrayed above, is. It measures 9 inches wide and 9¼ inches long. The entire case is of attractive Sunshine Yellow colorful porcelain, except the figures, which are white faced and with black hands, beautifully finished. Fitted with a very reliable 8-day movement of the wood and fibre mantel type, with guarantee slip enclosed. Our selling price is very low.
No. 3148 Each $7.00

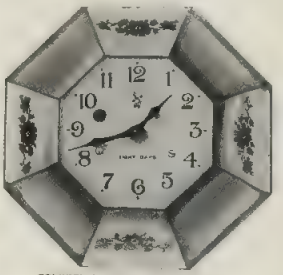
COLORED PORCELAIN WALL CLOCK
Dark Blue
Eight Day Movement Dresden Pattern

An attractive octagonal porcelain wall clock fitted with a dependable 8-day movement of the wood and fibre mantel type, with guarantee slip enclosed. Attractive shades of blue and white decorated floral design in natural colors gives the plate of this exquisite clock. Diameter of plate, 9½ inches. Priced very low.
No. 3150 Each $5.90



COLORED PORCELAIN WALL CLOCK
Ivory and Green
Century Design
Eight Day

Pre-eminently designed after the Grandfather's clock, as symbolized in the accurately executed dials, and is executed in the form of the popular Grandfather's clock. Beautiful two-tone green and ivory enamel effect. An exquisite green and pretty ivory enamel are the major colors, while dial and numerals are in black clearly defined. Dimensions 9¾ x 9¾ x 3¼ inches. Fitted with an accurate and dependable 8-day American make movement in metal container, with guarantee slip enclosed in clock, which is packed in a corrugated carton. It is a pretty and attractive clock at the market price.
No. 3149 Each $4.75

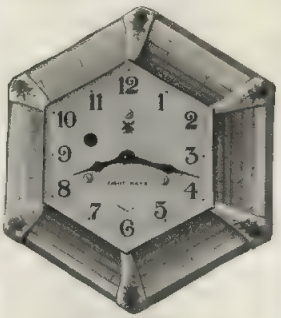


COLORED PORCELAIN WALL CLOCK
Apple Green
Eight Day Movement Limoges Pattern

Appealing in appearance, this clock has a pleasing quality of tone and will harmonize with any kitchen. Has a rich apple green border with white decorations in natural floral and leaf effects. Fitted with a dependable 8-day movement of the wood and fibre mantel type, with guarantee slip enclosed. Made of metal, encased in a metal container, absolutely dust proof. A guarantee slip accompanies this clock as well as the other designs shown hereunder. It is a splendid value at this low price.
No. 3152 Each $7.35

EIGHT-DAY IMPORTED KITCHEN WALL CLOCK

At such an attractive low price and from the standpoint of service and attractiveness, no kitchen should be without one of these charming kitchen clocks portrayed in this showing. This number has a porcelain plate, which measures 9 inches in diameter, enriched with beautiful delft blue decorations of Holland scenes, artistically decorated. Fitted with the genuine "Becker" 8-day time imported pendulum movement, hand-grived enclosed pendulum. Reduced in price this season.
No. 3145 Each $5.75



COLORED PORCELAIN WALL CLOCK
Fits Flush to the Wall
Eight Day Tile Effect
Apple Green and Natural Flowers
Octagonal Shape

A design of exquisite harmony, of original pattern, tastefully decorated in a most beautiful apple green color, enhanced with a pretty floral design, executed in natural colors. Size of plate 9¾ inches. Will readily be noted with many clearly defined points of excellence. Fitted with 8-day Lenzkirch American make movement, in wood and fibre mantel container, which fits flush to wall. Each clock comes complete with guarantee slip enclosed. Excellent value, made and finished throughout. Attractively priced. Makes a most practical and right acceptable inexpensive gift item.
No. 3151 Each $7.00

EIGHT-DAY IMPORTED KITCHEN WALL CLOCK

Set-tistics is the watchword in all kitchens today. Furnishings to a marked degree are in the gloss enameled finishes, such as, kitchen cabinets, gas ranges, tables and chairs. This is where this clock is a completing unit and fulfills every requirement.

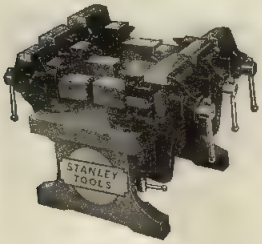
The plate of this clock is made of Porcelain with rich blue and white decorations of Holland scenes. Diameter 9¼ inches. Fitted with the "Becker" imported 8-day time movement, encased in metal container, making it absolutely dust-proof. Guaranteed an accurate timekeeper.
No. 3154 Each $5.95

THESE GLOSSY PORCELAIN WALL KITCHEN CLOCKS MAKE HIGHLY ACCEPTED GIFT ITEMS.
THESE CLOCKS ARE OF THE "BETTER GRADE"
EACH CLOCK IS ACCOMPANIED WITH MANUFACTURER'S GUARANTEE SLIP ENCLOSED IN CLOCK.

VISES

F

VISE ASSORTMENTS



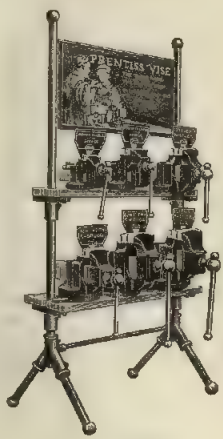
This assortment includes the stand which is constructed of heavy wood painted bright yellow and consists of the following vises—

Victor Jersey

	EACH		EACH
1 only No. 741	$2.20	1 only No. 763	3.75
1 only No. 743	3.00	1 only No. 764	4.25
1 only No. 762	3.00	1 only No. 765	5.00

NO.	Wt. Each	EACH
V6	32 lb.	$25.00

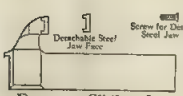
DISPLAY STANDS



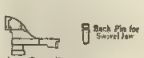
For Prentiss Vises

This very substantial and attractive display stand is free with any order for 6 only assorted Prentiss vises.

PRENTISS VISE PARTS



Front or Sliding Jaw



Back or Swivelling Jaw

Body, Stationary Base

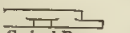
Body (for Swivel Base)

Body Stationary Base

Body for Swivel Base

Side Swivel Nut and Lever

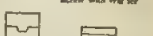
Side Swivel Bolt



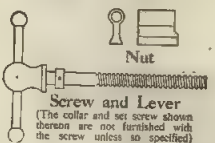
Swivel Base

Swivel Base Center Screw with Washer

Nut

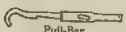


Nut (two pieces)



Screw and Lever

(The collar and set screw shown thereon are not furnished with the screw unless so specified)



Pull-Bar (for Operating Nut)

Pull-bar Spring

Side Pin for Swivel Base

Side Pin Spring

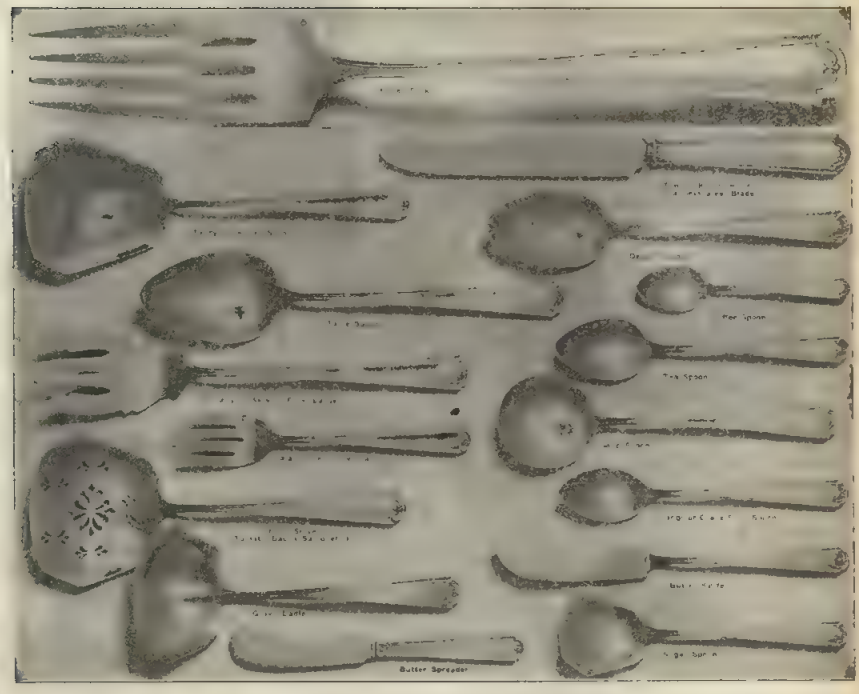
Swivel Base

For Vise No.	Nuts Each	Screw Levers Each
1	$0 70	....
2	.80	....
2½	.80	....
3	1.20	....
4	1.50	....
19	.80	2.50
19½	.80	3.00
20	1.20	3.75
21	1.50	5.00
26	1.20	....
27	.80	....
50	.80	....
51	.80	....
52	1.20	3.00
53	1.20	3.00
54	1.50	4.00
180	....	....
180¼	....	....
181	.80	2.50
182	1.20	3.00
182¼	1.50	4.00

Nuts and levers are carried in stock, other parts are obtained from factory.

The NEW Priscilla Sterling

Sterling (.925-1.000) Silver



Complete "Priscilla Sterling" Price List

Built for price. A beautiful presentation package can be furnished for a slight additional cost.

STAPLES

	Doz.
Tea Spoons, small	$11.50
Tea Spoons, medium	17.50
Tea Spoons, heavy	28.00
Tea Strainer	19.00
Dessert Spoons	41.00
Soup Spoons	37.00
Soup Strainer	13.00
Dinner Forks	41.00
Dinner Knife	41.00
* Dessert Knife, 8 11 Stainless Blade	
* Dessert Knife, H.H. Stainless Blade	41.00

FANCY DOZENS

	Doz.
Bouillon Spoons	$11.00
Butter Spreaders	21.00
Ladle Spoons	41.50
Five o'clock Tea Spoons	13.00
Iced Tea Spoons	28.00
Orange Spoons, Large Fruit Spoons	28.00
Cake or Pie Forks	33.50
Salad Forks, individual, medium	37.00

FANCY DOZENS (cont'd)

Salad Forks, individual, heavy	$51.00

SETS

	Set.
Baby Set Fork and Spoon	$ 7.25
Butter Knife and Sugar Spoon	9.25
Salad Set Fork and Spoon	9.25

CARVING SETS

Hollow Handles, Stainless Blades	Set.
3-Piece, Knife, Fork and Steel	$13.25
2-Piece, Knife and Fork	9.00
2-Piece, Steel, Knife and Fork	7.00

FANCY SINGLE PIECES

	Each
Almond or Bon Bon Server	$ 1.25
Baby Fork	1.10
Baby Spoon	1.10
Baby Spoon, bent handle	1.25
Beef or Relish Fork	1.75
Berry or Serving Spoon	4.25

FANCY SINGLE PIECES (cont'd)

Bread or Cake Knife, H.H.	$3.25
Bread Knife, H.H., saw blade	3.75
Butter Knife	2.50
Cake or Pie Server, H.H.	4.50
Cheese and Mayonnaise Ladle	2.50
Cold Meat Fork, medium	4.00
Cold Meat or Serving Fork, large	5.00
Gravy Ladle	4.25
Jelly Server	3.75
Lemon Fork	1.00
Marmalade Spoon	1.25
Olive or Pickle Fork	1.50
Pie or Cake Server	5.00
Pastry Server	5.00
Salad Fork	4.75
Salad Spoon	4.50
Sardine Fork	3.00
Sugar Spoon	3.00
Utility Server, Hammer, round, open	4.50

* French or regular blades optional. If no preference is indicated, French blades will be furnished.

J

PRISCILLA STERLING

Priscilla sterling is a new flatware service, as complete as it is beautiful and is of unrivaled smartness with the clever simplicity of its true colonial style.

Substantial weights in all pieces and the surprisingly moderate cost combine to place "Priscilla Sterling" prominent among new Sterling Flatware styles and insure those who possess it a lifetime of beautiful association. Chests are of attractive shape, leatherette covered and lined with blue plush.

28 Piece Set

Contains 6 each: Tea spoons, dessert spoons, dessert forks, dessert knives, H. H. and 1 each butter knife, sugar spoon, cream ladle and beef fork.

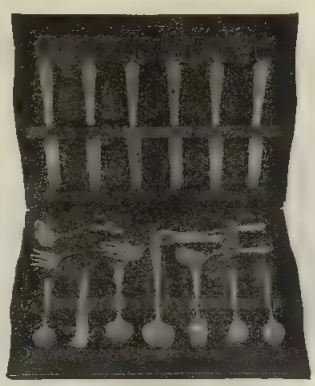
NO.	SET
228	$73.00

37 Piece Set

Contains 12 tea spoons, 3 table spoons; 6 each, dessert spoons, dessert forks, dessert knives, H. H.., and 1 each: beef fork, butter knife, sugar spoon and utility server.

NO.	SET
337	$97.00

Gifts of Sterling will endure for Generations

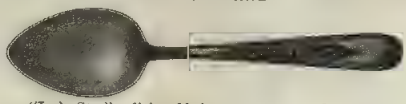


50 Piece Set

Contains 12 tea spoons, 6 each, dessert spoons, dessert forks; dessert knives, H. H., salad forks, individual butter spreaders, 3 table spoons and 1 each: beef fork, cold meat fork, med. cream ladle, butter knife and sugar spoon.

NO.	SET
450	$123.00

LADY STERLING



"Lady Sterling," in addition to newness and correctness is supreme in—

Beauty of Design,
Simplicity and Grace of Outline,
Purity of Material (925/1000 pure silver)
Superb Craftsmanship and Finish,
Substantial Weight of all Pieces,
Tranquil Harmony with any Home Appointments.

37 Piece Set

Contains 12 tea spoons, 3 table spoons, 6 ea. dessert spoons, dessert forks, dessert knives, H. H. and 1 ea. beef fork, butter knife, sugar spoon and utility server.

NO.	SET
337-LS	$108.00

"LADY STERLING" PRICE LIST

Staples

	DOZEN
Tea Spoons, medium	$19.50
Dessert Spoons	33.00
Table Spoons	48.00
Dessert Forks	36.00
Dessert Knife, H. H., Stainless Blade	39.00

Fancy Dozens

Butter Spreaders	$21.00
Coffee Spoons	12.00
Oyster Forks	20.00
Salad Forks, individual	27.00

Fancy Single Pieces

	EACH
Beef or Relish Fork	$2.00
Berry or Serving Spoon	6.00
Butter Knife	3.25
Cold Meat Fork, med.	5.50
Gravy Ladle	5.50
Sugar Spoon	2.50
Utility Server, tomato, salad, etc.	6.00

FIRE EXTINGUISHERS

PYRENE

With Hand Pump.

Pure copper sheet tanks, strongly seamed, riveted and soldered, bright polish finish.

Fitted with hand operated double acting liquid pump with cast brass pump head and handle, the flexible metallic hose is capable of ejecting a continuous stream from the nozzle of 1/12 inch bore for approximately 40 feet.

Effective for fighting such fires as electric arcs, gasoline, kerosene, grease, varnish, etc. For use in power-houses and sub-stations, on electric locomotives, electric cranes, and in industrial plants where there are large installations of electrical equipment, will also be found very efficient for use in extinguishing highly inflammable liquid fires of all kinds.

Each

No. 70FE—Capacity 2 gals; height over all 24 3/8 ins; diam 7 ins. ✦$147 00

One in wood case; ship wt each 75 lbs.

PYRENE 5 GALLON PUMP TANK WATER TYPE EXTINGUISHER

This extinguisher is intended for fires that can be extinguished with water, it contains no acids nor chemicals and acts only as a hand pump for spraying water, outfit is very simple and will throw a steady stream approximately 50 feet, can be made freeze proof by use of solution listed below. Inspected by and bears label of National Board of Fire Underwriters.

24 gauge galvanized iron tank, coated with asphaltum to resist corrosion, painted red on outside with attractive instruction plate.

Pump is made of brass with a screen to keep it from becoming clogged.

Each

No. 1PT—Capacity 5 gals; height over all 27 1/4 ins; diam 9 1/2 ins ✦$42 00

One in carton; wt 52 lbs.

PYRENE

Non-Freezing Solution.

For Use In No. 1PT Extinguisher Only.

Each

No. 1FP—Charge contains 10 lbs Pyrene Freeze-Proof; prevents 5 gallon pump tank freezing at 10 degrees above zero ✦$3 75

No. 2FP—Charge cantains 15 lbs Pyrene Freeze-Proof; prevents freezing at 10 degrees below zero ✦ 5 55

No. 3FP—Charge contains 20 lbs Pyrene Freeze-Proof; prevents freezing at 40 degrees below zero ✦ 7 50

✦F. O. B. Illinois Factory Only.

FIRE EXTINGUISHERS

PYRENE "GUARDENE" INVERTABLE, CHEMICAL REACTION SODA AND ACID TYPE

Approved By The National Board OF Fire Underwriters.

Affective only on fires not involving oils, greases, or other inflammable liquids, should not be used on electrical fires until after current has been turned off. Cold rolled copper, heavily plated inside with tin to prevent corrosion, will throw a stream 40 feet, tested to 350 lb pressure.

Should not be exposed to freezing temperature, as this type is not freeze proof.

Each

No. 50G—Complete with hanger and brackets; capacity 2 1/2 gals; height 24 ins; diam 7 1/2 ins $41 25

One in carton; shipping wt 40 lbs.

Extra Recharges For No. 50G Guardene Extinguishers.

No.	150EC
Less than 2 doz, Per Doz	$20 25
2 doz or more, Per Doz	18 00

One in carton; wt each 2 1/2 lbs.

PYRENE PHOMENE INVERTABLE, FOAM TYPE

Approved By The National Board Of Fire Underwriters.

Cold rolled copper containers, polished and lacqured outside and heavily plated inside with tin to prevent corrosion.

The inner tank when filled with solutions A, B, C and properly mixed with water and turned upside down forms a foam that is effective on burning liquids as well as dry materials and will extinguish burning oil, enamel, tar, wax. grease, shellac, lacquers, inflammable solvents and chemicals.

Not freeze proof.

Capacity 2 1/2 gallons. Amount of foam produced 20 gallons; length of stream 25 to 35 feet; height 24 inches; diameter 7 1/2 inches.

Each

No. 60G—With hanger and brackets $57 75

One in carton; wt each 42 lbs.

Extra Recharges for No. 60G Phomene Extinguishers.

No.	160EC
1 only, Each	$5 25
2 or 3 only, Each	4 80
4 or 5 only, Each	4 50
6 to 11, Each	4 20
12 or more, Each	3 90

One in carton; wt each 6 1/2 lbs.

HARTFORD

Approved By The National Board Of Fire Underwriters.

Copper cylinder, highly polished and lacquered; brass screw top; chemically treated rubber hose with non-corrosive nozzle. Will throw a stream 50 feet.

Capacity 2 1/2 gallons. Height 24 inches. Complete with hangers and brackets.

No.	5H
Less than 12, Each	$33 00
12 or more, Each	30 75

One in carton, wt each 40 lbs.

Extra Recharges for Hartford and all Soda and Acid Extinguishers of this type.

No.	5EC
Less than 12, Each	$1 50
12 or more, Each	1 35

One in carton; wt each 2 1/2 lbs.

HOSE REELS

SWINGING WALL

Malleable iron castings, tubular steel reel frame finished in vermilion unless otherwise ordered. Swings to any angle from wall and unwinds hose without knots or twists.

Furnished regularly with wall brackets as illustrated, unless otherwise specified. We can also furnish with pipe clamps instead of wall brackets at an extra charge of 30 cents net per pair for 4 inch pipe or smaller.

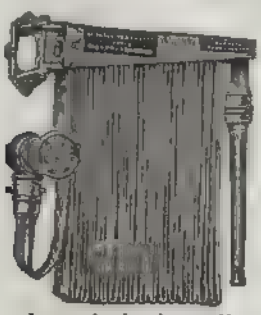
Nos.	0	2-0	3-0	2½
For hose, ins	1¼,1½	2	2½	2
Unlined hose, ft	50	50	50	100
Rubber lined hose, ft				50
Each	✚$20 25	✚20 25	✚20 25	✚20 25

Nos.	3	4	5	6	7
For hose, ins	2	2½	1¼,1½	2	2,2½
Unlined hose, ft	150	150	300	300	300
Rubber lined hose, ft	50	50	100	100	100
Each	✚$20 25	✚22 50	✚26 25	✚27 00	✚28 86

Packed loose.

HOSE RACKS

WIRT'S, NATIONAL



Body of the rack is so constructed of pressed steel that it forms a cover, thus preventing the accumulation of dust on the hose.

Hose hangs vertically, with sufficient space between the folds to permit a free circulation of air, preventing mildew and rot. The loops of the hose are supported on large rustless pins, avoiding any possible injury to the hose due to corrosion. These pins do not drop to the floor when the hose is withdrawn but remain hanging to the rack, ready for immediate use when the hose is returned.

One fold of hose drops from the rack at a time as rapidly as needed, thus preventing a tangled mass on the floor. Approved and labeled by the Underwriters' Laboratories.

WIRT'S, NATIONAL
Semi-Automatic.

Prices include wall brackets or pipe clamps, up to 4 inches in diameter.

Prices for pipe clamps over 4 inches in diameter quoted upon application.

	Each
No. 8A—For 50 or 100 ft of 1½ in. unlined linen hose	✚$24 75

Packed loose; wt each about 7½ lbs.

WIRT'S, NATIONAL
Non-Automatic.

Designed for use of firemen and those trained in handling heavy fire streams, and is for use where ordinances require 2½ inch hose. With holder for standard underwriters play pipe.

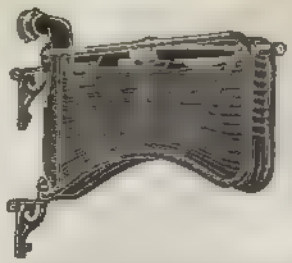
Prices include wall brackets, or pipe clamps, up to 4 inches in diameter.

Prices for pipe clamps over 4 inches in diameter quoted upon application.

	Each
No. NA—For 100 ft of 2½ in. unlined linen hose	✚$27 75

Packed loose; wt each about 10 lbs.

✚F. O. B. Pennsylvania Factory Only.



HOSE RACKS

HUMP WALL

Malleable iron castings, red tubular steel frame unless otherwise ordered. Hump center takes weight off ends, saving the hose. Front partly enclosed prevents hose falling to floor when drawn off.

Furnished with wall brackets unless otherwise specified. Furnished with pipe clamps instead of wall bracket at an extra charge of 30 cents net per pair of 4 inch pipe or smaller.

Nos.	Each	Size Hose, Ins	Cap. Unlined Linen Hose, Ft	Cap. Cotton Mill Hose, Ft	Height Ins Including Wall Brackets as Shown	Length Ins Including Wall Brackets as Shown
A0	✚$17 25	1¼ or 1½	50		16⅜	25¼
A0X	✚ 17 25	2	50		17⅛	26⅝
A00	✚ 17 25	2½	50		17⅛	26⅝
A075	✚ 18 75	1¼ or 1½	75		19⅛	25¼
A0X75	✚ 18 75	2	75		19¾	26⅝
A0075	✚ 18 75	2½	75		19¾	26⅝
A1	✚ 20 25	1¼ or 1½	100	25	21⅛	27
A1X	✚ 20 25	2	100	25	21¾	28⅜
A2	✚ 20 25	2½	100	25	21¾	28⅜
A3	✚ 24 00	1¼ or 1½	150	50	28¾	32⅛
A3X	✚ 24 00	2	150	50	28¾	32⅛
A4	✚ 24 00	2½	150	50	28¾	32⅛
A5	✚ 24 75	1¼ or 1½	200	100	40	38
A5X	✚ 24 75	2	200	100	40	38
A6	✚ 27 00	2½	200	100	40	38

Approx wt each 12 lbs.

FIRE EXTINGUISHERS

"Also Dept. 10, Page 2673."

PYRENE

For use in factories, homes, public buildings, on steam or electric railways, yachts, etc., and above all for carrying in bracket on dash board or any convenient part of automobiles. Operated by turning handle to left and working like pump.

Fires having their origin in such materials as oily wastes, shavings, turpentine, benzine, gasoline can be readily extinguished with this extinguisher.

Each extinguisher is inspected, tested, and approved by and bears the label of the National Board of Fire Underwriters.

Will not freeze at a temperature of 50 degrees below zero.

Fire insurance companies allow a 15% discount on premium where installed on automobile.

Polished Brass.

	Less than 12 Each	12 or more, Each
No. 60FE—1 Quart size with liquid and bracket; length over all 14 ins; diam 4 ins; wt 6 lbs	$24 00	21 60
No. 61FE—1½ Quart size with liquid and bracket; length over all 17½ ins; diam 8½ ins; wt 11 lbs	30 00	27 00

One in carton.

FIRE EXTINGUISHER BRACKETS, PYRENE	Each
No. FE8—For above Fire Extinguisher	$2 40

Packed loose.

REFILLING LIQUID

"Also Dept. 10, Page 2673."

PYRENE	Per Can
No. 69L—Capacity 4 qts; wt per can 14 lbs	✚$15 60
No.	68L
Capacity, qts	1
Wt per can, lbs	3½
Less than case, Per Can	$3 60
Full case of 20 cans, Per Can	3 24

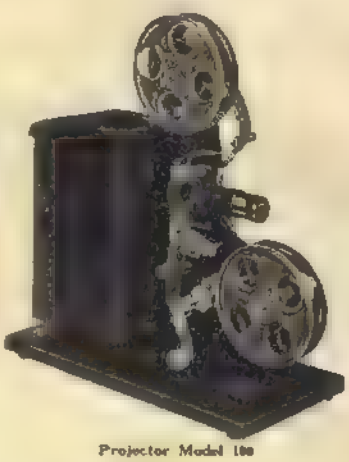
Packed loose.

✚F. O. B. Pennsylvania Factory Only.

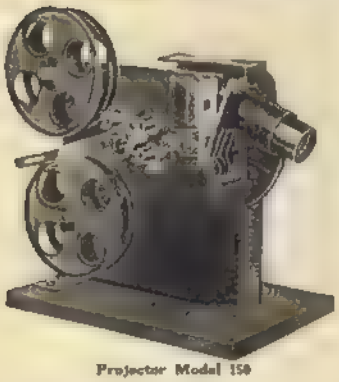
REAL MOVIE PROJECTORS AT TOY PRICES

Projector Model 75

Q R S PROJECTORS use the HOME STANDARD NON-INFLAMMABLE 16 mm. film, one foot of which is equal to 2½ feet of 35 mm. theatre film in both length of showing and subject matter. This is the film used by practically all home movie cameras. These projectors, altho manufactured primarily for children, and priced as low as toys, will satisfactorily take the place of many high priced projectors. They project movies perfectly, steady pictures being insured by their precision film claw movement, which is similar to those on high priced machines. All machines have the spring film gate that holds the film firmly in position. All machines provide for rewinding film.



Projector Model 100



Projector Model 150

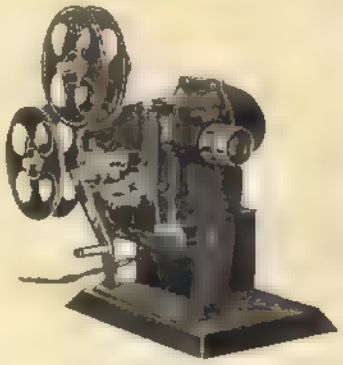
NO. 75 PROJECTOR—Illumination furnished by a 110 volt 50 watt General Electric Milltype or equal Mazda. Lamp. Unlike most low priced projectors this machine has a set focus lens—spoils the eye thus giving 100% illumination. Projector finished in plain black.

NO. 10 PROJECTOR—Uses same lamp as No. 75 projector but with addition of reflector which increases illumination 30-40%. 4: 1 geared film rewind, black crackle finish.

NO. 15 PROJECTOR. Gearing and feeding sprockets on this model are similar to those installed on higher priced machines. A high grade projection lens together with an improved system of lamp adjustment makes this projector a real value. Black, crackle finish.

NO. 22 PROJECTOR—A projector with a sturdy casting frame constructed so that it permits the addition of a 400 foot reel arm accessory, which will hold a film that runs for 15 minutes.

A superior projection lens and optical system makes this machine one that will project extra large pictures. A motor can be had for this projector at an additional price.



Projector Model 225

KIDDIE FILMS

Movies for the youngsters made on the HOME STANDARD NON-INFLAMMABLE 16 mm. MOVIE FILM. These subjects are complete movies, each one having a leader, title, movie and "End Title." The film is the same as that used in all home movie cameras, each foot being equivalent to 2½ feet of 35 mm. theatre film. That is, a 10-foot 16 mm. subject will project as long as 25 feet of 35 mm. film.

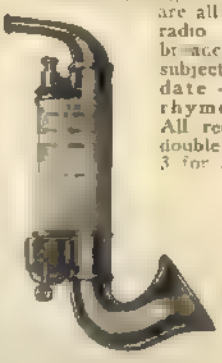
There are no "accessories" in Kiddie Film, each subject is completely new. Each is packed in a tied box. Movies are in 10, 25, 50 and 100 foot lengths. Price 6c per foot.

TWO MUSICAL NOVELTIES

The QRS Playasax and Clarola

Popular with everyone—from youngsters to grandfathers. These toys play real melodies with 16 note music rolls. Over a hundred selections are available for these **Q R S Playasax** rolls. **Q R S Playasax** is a sturdy all metal gold finished toy. Its shape is similar to that of the Saxophone, length over all about 12 inches. Price **$3.00**, includes one music roll. (Patent No. 1752978)

The **Q R S Clarola** has the same mechanical construction as the **Playasax** but is partially constructed of black enameled wood in imitation of the **Clarinet.** All metal parts have the gold finish. Price **$2.00**, includes one music roll.



JUNIOR RECORDS

A new type of phonograph record for the youngsters. These records are all made by famous radio children's Broadcasting stars. The subjects are all up to date — no nursery rhymes are included. All records are 7-inch double faced, and retail 3 for **50c.**

Q-R-S PRODUCTS ON DISPLAY AT CHICAGO TOY FAIR

A FLOOR — MORRISON HOTEL

Q-R-S-De Vry Corporation

333 N. MICHIGAN AVE. **(Established 1900)** **CHICAGO, ILL.**

Jefferson Transformers Keep Them "Sold"

Jefferson Transformers conform to requirements of the Underwriters' Laboratories

A GOOD transformer . . . one that will withstand rough usage and give long service . . . goes a long way toward keeping the toy "sold".

Fully aware of this fact, expert toy buyers for big stores standardize on Jefferson Toy Transformers both for sale with new electric trains and toys and for replacement. They know Jefferson Transformers are designed by small transformer specialists . . . sturdily built to stand up under rough handling . . . guaranteed to operate the trains for which they are designed. A regulating switch delivers the secondary voltages in small and uniform steps, entirely eliminating the necessity of a rheostat to prevent track jumping.

Such features, these expert toy buyers know, insure customer satisfaction.

Besides these characteristics of quality, Jefferson Transformers have other advantages. Four models are all you need stock to take care of all makes and models of electric train and toy motors. This means a minimum stock and small investment. Yet you can supply every toy transformer need.

And to make it easy for the sales person, each transformer comes in a box which has a label telling which trains the transformer will operate. No chance for mistakes and disgusted customers.

Supply Jefferson transformers with all the electric trains and toys you sell and you will keep them "sold". Write for descriptive matter and prices.

Jefferson Electric Co.
1504 S. Laflin Street Chicago, Illinois

Reserve Stock Carried at 71 Murray Street New York City. Phone: BARclay 8972

FOUR MODELS
operate all makes of
ELECTRIC Train and Toy Motors

JEFFERSON
UNIVERSAL TOY TRANSFORMERS

(A-1014)

Start your letter right: "I saw your ad in PLAYTHINGS."

You Will Surely Want the Electric LaVenus Facial Also the Hair Rejuvenator

"A NEW SKIN IN A FEW DAYS"

Get Rid of your Pimples, Blackheads, Acne, Oily Skin, Wrinkles, Tan, Freckles, Unsightly Blemishes and Marks of Age This New Way.

Patents Pending

THE ELECTRIC HAIR REJUVENATOR

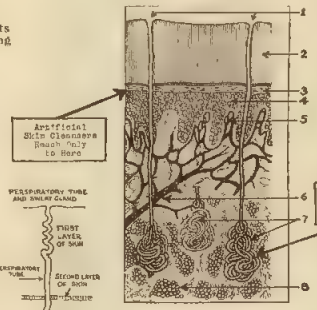
A few minutes use of this wonderful electrically heated Skull Cap will convince the most skeptical that it penetrates, nourishes and disinfects, keeping the hair in its natural, healthy condition. It restores to the hair the proper amount of that vital natural oil. It opens all the pores, which gives you a healthy feeling. It leaves the hair soft, silky, fluffy and beautifully lustrous.

For regrowing hair, banishing dandruff and bringing out an attractive sheen, the Hair Rejuvenator is unsurpassed, the heat of the resistance unit brings the blood rushing to the scalp, revives and energizes the hair cells to renewed life. Dandruff disappears in a few treatments and where hair is thin, new hair can be observed in a few weeks. Some of the most successful hair growing specialists use the Electrical Hair Rejuvenator.

Description: Skull cap, oval shape, six inches deep, aluminum shell with bakelite lining. Rubber banding, two handles, one on each side. Eight feet of silk cord and two-piece plug. It is well insulated, sanitary and **fully guaranteed.**

No. 9K/25 Hair Rejuvenator Each $11.90

MICROSCOPIC DRAWING OF SECTION OF HUMAN SKIN



1 = Pores of the skin.
2 = Epidermis, or top layer of skin.
3 = Corium, or second layer of skin.
4 = Sub-cutaneous, or third layer of skin.
5 = Nerve Prolongations.
6 = Blood vessels.
7 = Sweat glands.
8 = Cells of tissue.

"A NEW SKIN IN A FEW DAYS"

The above microscopic drawings illustrate very clearly that Nature's way to beauty is the cleansing of skin through its pores. Nature's natural cleansing way has, however, through modernism, been partly defeated.

Patents Pending

THE LaVENUS FACIAL Will Do This For You

The ELECTRIC LaVENUS FACIAL will in twenty minutes give you a complexion that is more beautiful than can be obtained through any other method! Because it is the only facial application that thoroughly cleanses the pores of the skin, and at the same time invigorates the thousands of delicate tissues and blood corpuscles. Such treatment is positive complexion insurance.

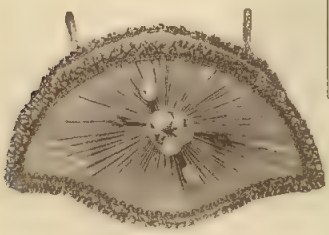
The ELECTRIC LaVENUS FACIAL is different from any other facial massage appliance, and therefore performs differently. Instead of applying hot towels and vapor baths which barely penetrates and cleanses beyond the surface of the skin—the HEAT from the scientific LaVENUS FACIAL penetrates to the farthest depth of pores and thus, it brings to the surface all the impurities, etc., that are never reached by other methods. It removes pimples—blackheads, freckles and wrinkles, clears the complexion, and will relieve colds in head.

No. 9K/25 Facial Rejuvenator Each $11.90

This and many other facial conditions are caused by the fact that the cleansing cosmetics even with their attendant massaging or powerful absorptive properties, reach only through the top layer of the skin. When any of these surface cleansers are used, blackheads or whiteheads may be broken and the appearance of the pore may be improved, but the pores have been cleaned. However, the pores have clogged the bottom of the pores and have prevented the natural secretion of perspiration and bodily oils, and nature can do naught else but set up an infection to rid herself of them. The LaVenus Facial, however, is a scientific safe cleansing way that cleanses the pores thoroughly and that will not irritate the tissues. There are no discomforts in the application of the LaVenus Facial—no scalding hot towels etc. Thus, at your service a way to beauty that rivals nature.

ANY DEGREE OF LIGHT

MULTI-LITE—The Lamp with Many Lights (Patented). Multi-Lite Lamps shown herein are equipped with a dimmer that gives six degrees or changes in light rays. Highly acceptable Wedding, Christmas or Anniversary Gifts.



No. 9K/020 BED LAMP—PATENTED

SILK BED LAMP

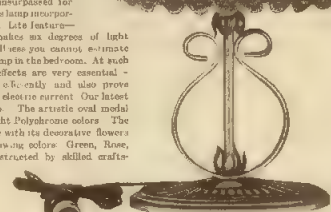
A beautiful and artistic Shade that has a special feature. You can DIM your light to any degree—from full candle-power to the very lowest. A low light at night is everyone's delight. This is entirely new and no bedroom is complete without this convenience. The shade, measuring 12 inches in length and 7½ inches in height, is a gem in itself. Fashioned from a very good quality of silk, trimmed with decorative flowers and braid. It captivates your admiration on sight. Available in the following lovely colors: Blue, Orchid, Rose Green and Tangerine. Will not get hot or burn out in any light up to and including 40 watts. Convenient, serviceable and ornamental. (Specify color preference when ordering.)

No. 9K/020 Silk Bed Lamp Each . . . $7.00

ORNAMENTAL MULTI LITE LAMP

As an end table or boudoir lamp this excellent pattern is unsurpassed for beauty and utility. This lamp incorporates the famous Multi Lite feature—the invention that makes six degrees of light possible. In cases of illness you cannot estimate the worth of such a lamp in the bedroom. At such times softer lighting effects are very essential. Multi-lite will serve efficiently and also prove economical by saving electric current. Our latest design Multi-lite lamp. The artistic oval metal base is finished in bright Polychrome colors. The 8-inch parchment Shade with its decorative flowers is available in the following colors: Green, Rose, Taupe and Gold. Constructed by skilled craftsmen. An ideal Wedding, Christmas or Anniversary Gift. Height, 14 inches.

No. 9K/012/012 Ornamental Lamp Each . . . $9.10



No. 9K 012/012 LAMP—PATENTED

F. O. B. INDIANA FACTORY

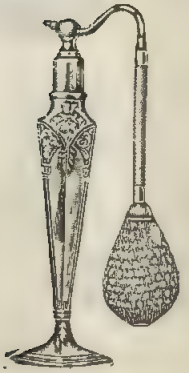
ATOMIZERS

G

QUAKER

24 Karat Gold Plate—Non-tarnishable

Packed in beautiful gift box. Guaranteed to have no effect on metal.



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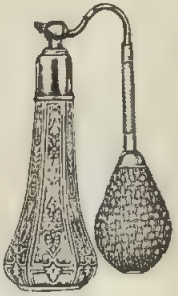


734

743

NO.	Ht. In.	EACH
736	7	$9.20

NO.	Ht. In.	EACH
734	5¾	$7.00

NO.	Ht. In.	EACH
743	5	$7.00

753-1

753-6

739-2

Enamel and silver plated.

NO.	Ht. In.	EACH
753-1	5¾	$7.25

Enamel and silver plated.

NO.	Ht. In.	EACH
753-6	5	$7.25

Enamel and silver plated.

NO.	Ht. In.	EACH
739-2	5¾	$7.25

QUAKER SHAKER DRESDEN SETS

PATENTS PEND NG

No. 526/16/11 — List Price $6.00 per pair

"Georgian" Pattern—Inlaid Black & Jade enamel; heavily silver plated unbreakable. Height 4½".

"Haviland" Pattern—[illegible] gold executed with [illegible]. Side panels of delicate blue. Height 5½" (Illustration

No. 539/10 3 — List Price $7.50 per pair

No. 526/4/1 — List Price $6.00 per pair

"Charme" Pattern—Dainty design in inlaid enamels. Height 4½".

No. 552 17 — List Price $7.50 per pair

"Asphodel" Pattern—An interpretation of modern art in a unique enamel effect. Height 5¾"

No. 553/6 2 — List Price $7.50 per pair

"Gothic" Pattern—An exquisite touch of delicately shaded inlaid enamels. Height 5"

No. 539 12 4 — List Price $7.50 per pair

[illegible] Pattern—Silver & Inlaid [illegible] cleverly combined exquisite [illegible]. Height 5⅞"

No. 539/11 — List Price $7.50 per pair

"Moderne" Pattern—A Modern example of color harmony and unusual beauty. a shaker of Height 5½".

No. 539/15 — List Price $7.50 per pair

"Blue Willow" Pattern—A design that will appeal to the most discriminating. Height 5½".

QUAKER SETS SHAKER

PATENTS PENDING

No. 146 List Price $3.75 per pair
Oval shape delicately chased border and wreath motif. Height 5½".

No. 157/2 List Price $3.75 Cased

No. 161 List Price $3.00 per pair
Chased floral and scroll arm motif. Height 5".

No. 142 List Price $2.00 per pair
Exceedingly graceful beautifully executed Height 4½".

Caster Set Shakers will not fall off in passing. Slight side motion releases. (Patented.)
No. 201/153 List Price $5.25 Set

No. 139 List Price $2.25 per pair
A new design of unusual appeal Height 4¾".

No. 1471 List Price $3.40 per pair
Tall slender ware of exceeding grace. Hand chased effect. Height 5¾".

No. 174 List Price $2.70 per pair
A charming colonial style—Raised border with fluted body. Height 4¾".

No. 169 List Price $3.00 per pair
This design combines simplicity and beauty with practicability. Height 5¾".

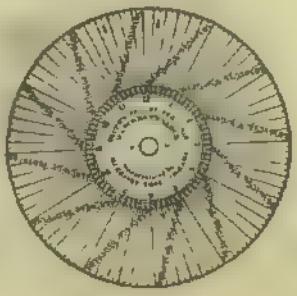
The Beyer Watchman's Portable Clock

The Clock is well made, very accurate and durable. It is not easy to get out of order. Approved by all Fire Underwriters' Associations.

THE CLOCK IN LEATHER CASE

This very reliable clock is a valuable asset to every shop employing a watchman, as it keeps him awake on the job and you know where he was at the different hours of the night.

Price of Clock with Station and year's supply of Dials..... ... $35 00
Price of extra Stations, each..... ... ... 1 50



PAPER DIALS

CUT OF STATION WITH KEY

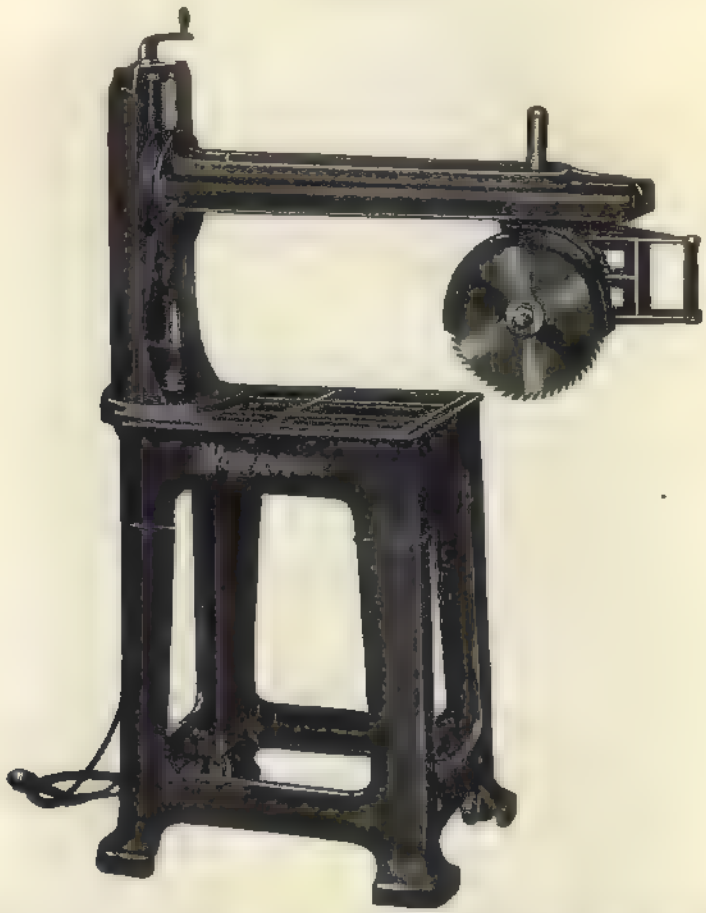
Be sure and investigate the merits of the "Beyer" before buying. Will be pleased to give further particulars.

[illegible]

MONTGOMERY & CO. 105 FULTON STREET NEW YORK CITY
(Consult Index). Mention "Tool Monger" No. 30 when ordering from this book.

RADIAL SAWS

WORKACE



The Workace Radial Saw is a general purpose saw which will handle practically every kind of cut as required by the carpenter and builder, lumber yard, maintenance department, shipping department, cut-off department and in a great number of circular saw operations. The Workace Radial Saw will cut to any angle, compound mitres, cut-off and rip, dado, tenoning, routing, shaping, fluting, boring, sanding. It's an overhead saw, direct drive unit, the saw travels thru the work—stock lies flat on table. It is quickly adjustable, easily portable; it is accurate, steady and powerful. It will operate on either A. C., any cycle, or D. C., furnished for 110 volt lighting circuit operation.

A universal motor, 110 volts, especially designed for the work of this machine by the General Electric Company, is used. The motor is geared to the saw arbor insuring ample power. It is air-cooled and ball-bearing on the drive end. The gears and mandrel run in grease entirely enclosed in lubication chamber

The motor drive unit is mounted on turn-tables 6 inches in diameter, which slide on two ⅞ inch steel rods located in the radial arm. A pin is provided to locate motor, parallel with or at right angles to the radial arm. Two handles are provided for convenient operation. The radial arm is mounted on turn-table to adjust saw at angles. The back pedestal is also mounted on a turn-table which is 10 inches in diameter for adjustment of saw to various angles. The radial arm and saw raise at any convenient height by means of a screw

A safety saw guard is provided which covers the saw blade. A special guard is needed when using larger than an 8 inch blade

The Workace Radial saw is equipped with cast iron table and legs, ring base and vertical column, radial arm, motor drive unit, saw guard 8 inch combination rip and cross-cut blade crank wrench, ten foot of cable, with separable plug.

Specifications.

Depth of cut, with 8 in. blade, 2½in.;with 9 blade with dado heads and moulding heads	3 in. 1 in. wide
Distance of horizontal travel of saw	19½ in.
Rise of radial arm on vertical column	5¾ in
Diameter of saw blade furnished	8 in
Diameter of saw mandrel	⅝ in.
Speed of saw blade, under average load, R.P.M.	4000
Speed of motor, under average load, R.P.M.	8000
Size of motor	⅞ H. P.
Height of machine, including stand	54 in.
Height of cast iron table top, including stand	32½ in
Size of cast iron table top	19½x17 in.
Diameter of turntable plates; on motor 6 in.; on radial arm 16 in.; on vertical column	10 in.

Workace Radial Saw. With cast iron table and legs. Net wt., 290 lbs Ship. wt. 363 lbs. ..... Each **$175 00**

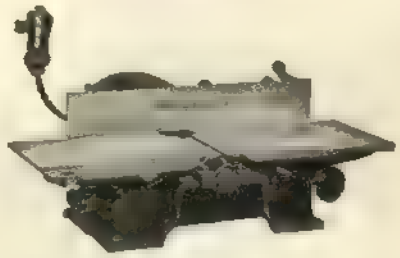
RADIAL SAW GUARDS

SPECIAL

Workace. To be used with 9 inch blade and 1 inch wide dado ..... Each **$6 00**

ELECTRIC PLANER

WORKACE 4 INCH



The Workace 4 Inch Planer can be supplied with directly connected motor or without. It is a tool that should be at the elbows of every pattern maker, assembly man and carpenter. It saves expensive trips to the big mchines and saves expensive hand work.

Joints stock 4 inches wide, edges or rabbets 3/16 inches deep. High speed, three knife head accounts for its beautifully finished work.

Special General Electric motor built in directly connected to cutter head. Maintains uniform speed of 3600 R.P.M. under varying loads. At this speed the 3-knife head gives 11,000 cuts per minute. Motor is connected to cutterhead by flexible coupling. 110 volts, A. C. 60 cycle.

Workace 4 Inch Planer is available with 2 inch "V" grooved pulley for belt drive or assembling into Workace Electric Woodworker unit.

Cutterhead runs in large size bronze bearings, lubricated by convenient oil holes. Motor, bronze bearings. Circular safety type cutter head is supplied; made of high grade steel, carefully balanced. Head is one piece slotted for knives.

One set (3) high speed knives are furnished and set in head ready for use. We recommend buying a Wallace jointing device to touch up knives. Gives more permanent cutting edge and assures all knives cutting equally.

Cast iron tables, ribbed to prevent warping, each mounted on carefully machined inclined ways to regulate depth of cut. Tables ground within .005 inch of perfect. Rear table provided with rabbetting ledge. Tables quickly adjustable by means of convenient hand wheels.

Fence is fastened to front table by a bracket permitting adjustment to any point on the table. Fence adjustable to 45 degrees locked into position by a lever; no wrenches are necessary to set fence. Stop is provided to bring fence back to right angle with table.

The Workace 4 Inch Planer is easily started or stopped by a lamp socket switch from which the machine is operated.

The Workace 4 Inch Planer is equipped as described, with or without motor; three high speed knives inserted ready for operation; 10 feet of cord, and plug.

The Workace 4 Inch Planer is a product of J. D. Wallace & Company, the largest manufacturers of portable woodworking machinery, and is guaranteed by them against defects in material and workmanship. To be assured of best results be certain the electric line to which machine is connected is delivering full rated voltage; avoid connecting light gauge wire (10 to 12 gauge best).

Specifications.

Length of knives	4 in.
Number of knives	3
Depth of cut (maximum)	3/16 in.
Length of each table, 10 inches—overall	20 in
Size of motor	¼ H.P.
Speed of motor and cutterhead, R.P.M.	3600

Without Motor. With 2 inch V groove pulley. Net wt. 35 lbs.; shipping wt., 55 lbs. ..... Each **$28 00**

With Motor. Net wt., 52 lbs.; shipping wt., 75 lbs. ..... Each **$63 00**

FLAP GUARDS

FOR WORKACE 4 INCH PLANERS

Extra Equipment. Not included with Woodworker.

Aluminum flap guard, controlled by a spring which holds guard over cutter head at all times when knives are not actually cutting. Guard rests against stock when planing, protecting operator from unused parts of head. Shipping wt. 2 lbs. ..... Each **$3 50**

Rail Benders and Car Replacers

"Jim Crow" Rail Benders

Forged from solid machine steel; steel screws. Square, machine cut threads, three to the inch. Bolted on cross bar and forged wrench.

Number	For Rails	Weight Each, Pounds	Price Each
1	100 lbs. and lighter	180	$36.25
2	85	150	30.85
3	75	110	24.80
4	50	85	21.50
5	25	60	16.00
6	16	40	13.65

Chicago Screw Rail Bender

Without Cross-Bar

Widely used in mines because of compactness. May be used for many purposes.

Forged from best O. H. steel.

Square threads, machine cut, three to the inch, steel screws. Malleable cap to fit rails. Furnished with or without steel lever.

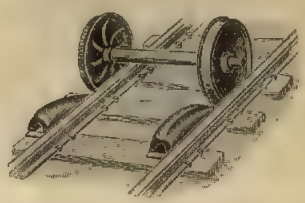
Size No.	Capacity Size of Rails	Weight, Each	Price, Each Without Lever	Size No.	Capacity Size of Rails	Weight, Each	Price, Each Without Lever
1	100	170	$25.50	4	50	85	$16.50
2	85	143	23.85	5	25	65	12.25
3	75	110	19.25	6	16	40	9.25

Samson Type Rail Benders

These Rail Benders are made in five sizes. The frames are of high quality heat treated cast steel. The screws are of cold rolled steel, and the bushings are made of special bronze. They will bend rails into position, when taking kinks out of track without drawing spikes—can be operated by one man.

Size	For Rails	Weight Each, Pounds	Price Each
D	45 lbs. and under	30	$18.00
C	60 " " "	65	20.00
B	80 " " "	126	27.00
A	110 " " "	147	29.00
AA	150 " " "	202	35.00

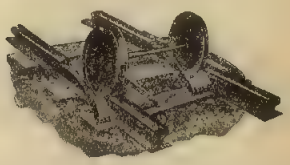
The Aldon Car Replacers



Frogs are marked right and left. The right frog is always placed adjacent to the right rail, the left frog to the left rail. Place the high ends as close to the rail as possible. The wings at the low end of the frogs must never be placed on top the flange of the rail.

No.	Material	Equipment Suitable For	For Rail, Lbs.	Wt., Lbs.	Price per Pair
1	Cast Steel	Heaviest	90	190	$45.00
2	Cast Steel	Modern	80	170	43.50
3	Mall. Iron	Elec. Sub'n	70	100	37.00
3½	Mall. Iron	Elec. Sub'n	50	100	39.00
4	Mall. Iron	Industrial	35	55	24.00
5	Cast Steel	Street Railways on Paved Streets		40	9.00

Johnson Wrecking Frogs or Car Replacers



These are in general use by Standard and Logging Railroads, Contractors and Mines. Have three points of contact for support—at small end by rail, at broad end by rail and tie. Straddle the rail and replace wheels on both sides of rail at one setting. Do not require bolts, clamps, spikes or wedges to hold in place while in operation. Fit all sections of T rail from 6 inches down. These frogs will also de-rail.

Type	For Rail up to Wt., Lbs.	For Rail up to Height Inches	Capacity Locomotive	Wt., Lbs.	Price per Pair
M	45	3½	20 ton	30	$22.00
C	65	4½	30 ton	60	28.50
B	80	5⅝	50 ton	110	37.00
A	100	5¾	80 ton	115	46.00
Z	100	6	100 ton	135	50.00
AA	100	6	200 ton wreck outfit	275	68.00

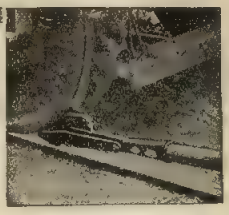
Atlas Car Movers

The Beginning of Movement

A very powerfu device for starting and moving loaded cars by hand. The compound lever arrangement causes the wheel to go forward and does not lift it from the rail as in the case of many car movers.

No. 10 is equipped with double spurs for use if the rail is unobstructed on the sides one-half inch down. Weight 19 pounds. Length 5½ feet.

Price, each..... .$8.00



The End of Movement

Repair Parts for Atlas Car Mover

No. 4—Link, with 2 Rivets	$0.60	No. X—Shoe, with Bolt and 1 Rivet	$2.00
No. VI—Arch Lever, or Knee, 2 Rivets	.90	Handle	2.00
No. VII—Socket, with Bolt and 1 Rivet	2.00	Plate or Clamp	.40
No. VIII—Shoe, with Bolt and 1 Rivet	2.00	Double or two-piece Spur, per pair, ½x1¼"	.50

The New Badger Car Mover

This car mover is provided with an unbreakable cast steel shoe

Length over all, 65 inches. Weight, 17 pounds.

Price each..... $3.00

No. B Socket	$3.00	No. 22 Slip-Proof Safety Spurs—per set of two	$0.50
No. C Cam	1.00	No. 23 Bolt for Socket No. 1	.20
No. A Shoe (Steel)	2.25	No. 24 Rivet for Cam No. 3	.10
No. D Spur Clamp	.50	No. 25 Hard Steel Nose Point for Shoe No. 4	.20
No. 20 Handle, Select Maple	3.00		
No. 21 Bolt for Clamp No. 16	.10		

Samson Railway Car Mover

The leverage of this Mover being compound, as soon as pressure is brought to bear upon the handle, the two points will come in contact with the car wheel at the proper rolling distance from the point where the wheel rests on the rail and in consequence, the wheel begins to turn instead of being lifted from the track. Weight, 15 pounds.

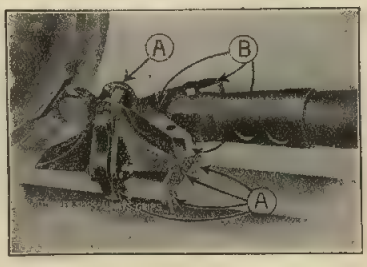
Samson Railway Car Mover. Price, each.....$8.00

Repair Parts for Samson Railway Car Mover

No. 0 Cam	$0.40	No. 8 Shoe for Square Spur	$2.00
No. 2 Wood Handle	2.00	No. 11 Clamp	.40
No. 3 Square Spur, ⅝x3 inches	.50	No. A Clamp Bolt	.10
No. 4 Spring	.50	No. B Shoe Bolt	.10
No. 5 Arm with Cam	2.50	No. C Shoe Rivet	.05
		No. D Cam Pin	.05

When ordering spurs to replace those worn out by long use please state exact size and shape of ones wanted.

Swaco Car Mover



A—Indicates 5 spur contacts with rail. Spurs grip lower softer flange of the rail and prevent slipping.

B—Shows lugs which hold the handle in 3 different positions making it possible to move the car from sides as well as the rear. Eliminates necessity for climbing underneath or between cars.

Price, each.....$24.00

FIELDERS' GLOVES

—BELKNAP'S—
George Burns Model.

Selected oil tanned horsehide with full leather lining; leather welted seams and binding; model V back with buckle and strap; rawhide lacing between thumb and finger; deep felt ball pocket; laced heel for adjusting padding.

	Per Doz
No. 7FG—Left hand	$150 00

One in cardboard box; wt per doz 14 lbs.

—BELKNAP'S—
Max Carey Model.

Selected golden tan horsehide with full leather lining; model V back with buckle and strap; leather welted seams; lace between thumb and forefinger; felt pad; laced heel for adjusting padding.

	Per Doz
No. 5FG—Left hand	$126 00

One in cardboard box; wt per doz 13 lbs.

—BELKNAP'S—

Willow horsehide, tan welt and binding; genuine full leather lined; laced between first finger and thumb; asbestos felt padded, sewed in heel extending up into thumb and little finger; laced heel; metal eyelets.

	Per Doz
No. 3FG—Left hand	$99 00
No. 3FG-RH—Right hand	99 00

One in cardboard box; wt per doz 15 lbs.

—BELKNAP'S—

Selected grade of dark, reddish brown tempered horsehide; leather lined thruout, fingers are finished with flat double stitched seams; thumb has welted seams; well padded leather edge laced at heel with fine quality leather lace; extra reinforcement web between little finger.

	Per Doz
No. 2FG—Wt per doz about 13 lbs	$99 00

One in cardboard box.

—BELKNAP'S—

Large size, genuine horsehide; glovolium oiled; full horsehide lined; leather welted seams; felt pad with extra heel pad extending up into thumb and little finger; laced heel metal eyelets.

	Per Doz
No. 250GT—Left hand	$78 00
No. 250GTRH—Right hand	78 00

One in cardb'rd box; wt per doz 9 lbs.

—BELKNAP'S—

Genuine cream horsehide; half lined; welted seams; laced at heel with leather lace; wide thumb and little finger; light padding in palm, well padded in heel. Full size professional model.

	Per Doz
No. 200G—Wt per doz 9 lbs	$49 50

One in cardboard box.

FIELDERS' GLOVES

—BELKNAP'S—

Willow color horsehide, glovolium oiled; full welt, laced between thumb and first finger; laced heel; full leather lined front; cambric bound, brass button.

	Per Doz
No. 20FG—Left hand	$57 00
No. 20FG-RH—Right hand	57 00

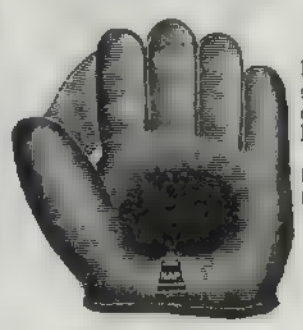
One in cardboard box; wt per doz 12 lbs.

—BELKNAP'S—

Willow horsehide; full welted; felt pad extends up into thumb and little finger; horsehide palm patch.

	Per Doz
No. 21FG—Left hand	$42 00
No. 21FG-RH—Right hand	42 00

One in cardboard box; wt per doz about 8 lbs.



—BELKNAP'S—

Sheepskin, assorted tan and willow colored; leather palm patch, sewed outseam with inseam thumb, cambric bound, tan on willow and black on tan.

	Per Doz
No. 22FG—Left hand	$19 50
No. 22FG-RH—Right hand	19 50

One in cardboard box; wt per doz 2¼ lbs.

—BELKNAP'S—

	Per Doz
No. 23FG—Boy's size; black glove leather; felt lined with padded heel	$13 50

Half doz in cardboard box; wt per doz 2 lbs.

RAWLINGS
Bill Doak Model.

Selected horsehide; chrome tanned glovolium oiled; leather welted seams; white leather lined; hand trimmed and turned edges; laced thumb to finger; heavily padded heel and little finger.

	Per Doz
No. 38D—Left hand	$258 00
No. 38DRH—Right hand	258 00

One in cardboard box; wt per doz 12 lbs.

DAZZY VANCE
Interlaced Fingers.

Selected oil tanned horsehide, with horsehide lining; hand formed and hand sewed padding, broke-in ready for play; reinforced back; rolled leather binding; laced heel; rawhide lacing across back prevents fingers being thrown back.

	Per Doz
No. 1DV—Wt per doz 12 lbs	$198 00

One in cardboard box.

FIRST BASEMEN'S MITTS
—BELKNAPS—

Selected golden tan cowhide full leather lined; leather bound and laced strap and buckle adjustment at thumb and wrist; best grade hand molded asbestos felt padding. Full size professional model.

Per Doz
No. 1BM—Wt per doz 18 lbs.....$171 00
One in cardboard box.

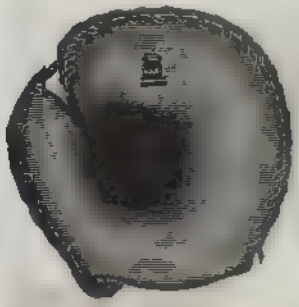
Selected tan horsehide: leather welted seams, full leather lined; leather bound and laced; strap and buckle adjustment at thumb and wrist; high grade felt padding. Full size professional model. Per Doz
No. 2BM—Wt per doz 18 lbs..... $126 00
One in cardboard box.

Willow horse hide; leather welted seams; full leather lined leather bound and laced; strap and buckle, hand made high grade felt padding. Full size professional model.

Per Doz
No. 4BM—Wt per doz 17 lbs.....$115 50
One in cardboard box.

Genuine brown calfskin: leather laced; strap and buckle adjustment at thumb and wrist, high grade felt padding. Full size professional model.

Per Doz
No. 10BM—Wt per doz 18 lbs..... $78 00
One in cardboard box.



Oak colored sheepskin leather laced; strap and buckle adjustment at thumb and wrist, correctly padded. Full size.

Per Doz
No. 11BM—Wt per doz about 16 lbs..... $57 75
One in cardboard box

Sheepskin palm and finger; khaki drill back; fully laced, strap and buckle at wrist; correctly padded. Full size.

Per Doz
No. 20BM—Wt per doz about 15 lbs..... $36 00
One in cardboard box.

FIRST BASEMEN'S MITTS

REACH

Sheepskin face and back black inside palm; laced edge; correctly padded; strap and buckle at wrist. Medium size.

Per Doz
No. XR—Left han..... $55 50
No. XR-RH—Right hand..... 55 50
One in cardboard box; wt per doz about 12 lbs

REACH

Brown sheepskin and olive duck back; bound edge; well padded; strap and button at wrist; laced thumb. Full size. Per Doz
No. 3R Wt per doz about 10 lbs..... $39 60
One in cardboard box.

REACH

Choice ecru horsehide; leather binding and lacing; carefully padded; trap lacing at thumb. Strap and buckle at wrist. Per Doz
No. 4R—Left hand..... $108 90
No. 4R-RH—Right hand..... 108 90
One in cardboard box; wt per doz about 12 lbs.

REACH

Black horsehide leather and sheepskin back; strap and buckle at wrist, leather laced; hinge pad; trap thumb lacing. Regulation size. Per Doz
No. 2R Left hand..... $79 20
No. 2R-RH Right hand..... 79 20
One in cardboard box; wt per doz about 12 lbs

REACH
Babe Ruth Home Run Special.

Light brown horsehide face and fingers; leather bound and laced edges; hand made felt pad with the natural built in pocket; lacing between thumb and face permits adjustment of pocket. Strap and buckle at wrist with felt pad to protect back of hand.

Per Doz
No. RB1—Left hand.. $168 00
One in cardboard box; wt per doz 15 lbs.

REACH
Lou Blue Model.

Reaco oil treated horsehide lined with soft pearl glove leather; special hand made and fitted felt padding with a wide and deep pocket; trap thumb lacing permits further adjustment of pocket; laced edge permits changing padding; strap and buckle at wrist with hand protector. Per Doz
No. 3BB—Left hand ... $291 00
One in cardboard box; wt per doz 16 lbs.

FIELDERS' GLOVES

REACH, Boys' Size.

Per Doz

No. 24—Boy's size, made of sheepskin, outseam model, felt lined with padded heel..$19 80

Half doz in cardboard box; wt per doz 2½ lbs.

REACH

Olive sheepskin; khaki lined with leather palm; medium padded heel; deep pocket. Youth's size.

Per Doz

No. 46—Wt per doz 6 lbs.....$27 75

One in cardboard box.

REACH

Genuine horsehide, mahogany color. Leather palm lining. Laced wrist permits adjustment of padding, laced thumb. These gloves are made on a duplicate model of the higher grades. Per Doz

No. 106—Left hand.....$69 00

No. 106RH—Right hand.... 69 00

One in cardboard box; wt per doz about 10 lbs.

REACH

Cream horsehide leather, full leather lined; welted seams. Laced wrist to allow change of padding. Wide little finger model. Laced between thumb and first finger.

Per Doz

No. 2GL Left hand $93 00

No. 2GLRH -Right hand 93 00

One in cardboard box; wt per doz about 9 lbs.

REACH

Professional Model.

Good quality brown grain oil treated horsehide; leather lined; hand formed felt padding with deep natural pocket; leather binding and welting; laced wrist; special trap strap between thumb and first finger. Per Doz

No. 00W—Left hand ...$132 60

No. 00WRH—Right hand.. 132 60

One in cardboard box; wt per doz 9 lbs.

REACH

Reaco oil treated brown horse hide; glove leather lining. Leather welted seams and rolled leather binding, laced wrist. Professional model with deep, natural pocket.

Per Doz

No. 01- Wt per doz 7 lbs..$158 40

One in cardboard box.

FIELDERS' GLOVES

REACH

Chic Galloway Model.

Oil dressed horsehide, glove leather lining; medium length fingers; hand made and fitted felt padding with deep pocket; leather welted diverted seams; trap lacing at thumb; laced wrist to permit adjusting padding.

Per Doz

No. EX—Left hand.....$172 20

One in cardboard box; wt per doz 10 lbs.

REACH

Eddie Collins Model.

Reaco oil treated horse hide, pearl glove leather lining; hand formed and fitted felt padding; leather welted, diverted type seams; trap thumb lacing permits adjusting depth of pocket; laced wrist.

Per Doz

No. ECA—Left hand.....$225 75

One in cardboard box; wt per doz 11 lbs.

REACH

Babe Ruth Home Run Special.

Dark brown horsehide with soft glove lining; leather bound edges. Leather welted seams, diverted between fingers to prevent ripping; laced at wrist to permit adjustment of felt padding; wide web between thumb and first finger. Strap and button at wrist. Per Doz

No. RF2—Left hand.....$110 85

One in cardboard box; wt per doz 12 lbs.

REACH

Babe Ruth Home Run Special.

Dark brown specially tanned oil treated horsehide with soft glove leather lining; leather bound edges. Leather welted seams diverted between fingers to prevent ripping; laced at wrist to permit adjustment of felt padding; leather laced at thumb and finger. Strap and button at wrist. Per Doz

No. RF1—Left hand.....$168 00

One in cardboard box; wt per doz 12 lbs.

SWEAT SHIRTS

Finest quality lofty yarns, popular and substantial firm shaker weave, with cotton fleece inside surface; full sleeve with elastic knitted cuff. Light grey color.

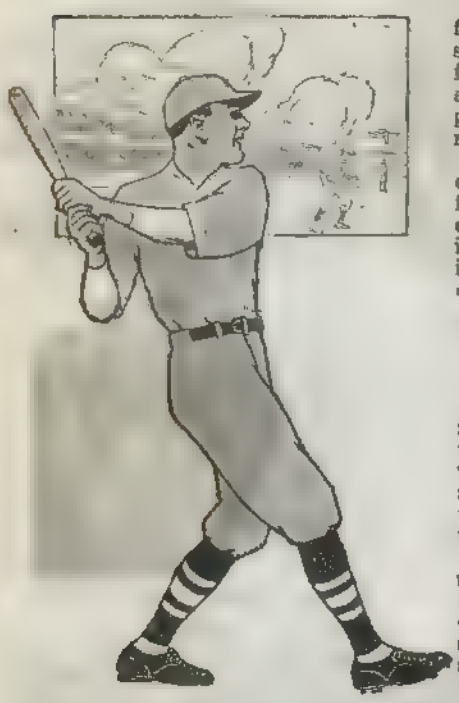
Note—When ordering be sure to state breast measurements.

Each

No. 050—Light weight with 1 in. roll neck. Sizes 34 to 44 ins.$4 05

Six in cardboard box.

BASE BALL UNIFORMS



All seams are felled and double stitched, and reinforced at all points, subject to the greatest strain; no raw edges.

Each uniform is cut to measure and full size, with enough allowance in all directions to insure perfect freedom of motion.

White Flannel, with Blue Stripes.

Firm bodied flannel that will withstand more than the ordinary amount of rough wear and hard usage

Shirt—New style collar, V-neck front, high back, elbow sleeves, coat style front, triple sewed double lock elastic seams.

Pants—Cut full and roomy, unlined, tunnel belt loops, triple sewed, double lock elastic seams.

Cap—Philadelphia style.

Belt—Black leather.

Hose—Worsted, color to match material.

Footless.

Per Set of 10 Suits

No. 700—Asst'd sizes; shirts 36, 38, 40, 42; pants 32, 34, 36, 38; Caps 6⅞, 7, 7⅛, 7¼, complete as described **$300 00**

Gray and White Mixture, with Green Stripes.

A very reliable flannel of excellent quality, specially woven for strength and durability.

Shirt—New style collar, V-neck front, high back, elbow sleeves, coat style front, triple sewed, double lock elastic seams.

Pants—Cut full and roomy, unlined, regulation belt loops, triple sewed double lock elastic seams.

Cap—Philadelphia style.

Belt—Heavy green webbing, buckle, and strap.

Hose—Heavy ribbed cotton, color to match material.

Footless. Per Set of 10 Suits

No. 500—Assorted sizes; shirts 36, 38, 40, 42; pants 32, 34, 36, 38; caps 6⅞, 7, 7⅛, 7¼. Complete as described **$216 00**

Gray Cloth, with Blue Stripes.

A very closely woven firm and durable cloth.

Shirt—New style collar, V-neck front, high back, elbow sleeves, coat style front, triple sewed double lock elastic seams.

Pants—Cut full and roomy, unlined, regulation belt loops, triple sewed, double lock elastic seams.

Cap—Philadelphia style.

Belt—Heavy green webbing, buckle and strap.

Hose—Heavy ribbed cotton to match material. Sizes 10½ and 11. Per Set of 10 Suits

No. 300—Assorted sizes; shirts 36, 38, 40, 42; pants 32, 34, 36, 38; caps 6⅞, 7, 7⅛, 7¼, complete as described **$138 00**

Note—Sold only in sets of 10 suits or multiples of 10 suits. Will not break an assortment of 10 suits. If odd number of suits wanted, can furnish in any quantity from the factory, but cannot change sizes in an assortment. Must be sold in assortments only as described above.

BASE BALL UNIFORMS

Highest grade 16 ounces, especially woven base ball flannel.

Hand tailored throughout. Cut full and roomy to permit freedom of action. Triple sewed, double locked, elastic seams.

Shirt—Coat front; made plain, or trimmed any style with silk cording. Ventilated arm pits. Includes name of club or plain monogram if full size design is submitted.

Pants—Plain or silk corded. Ventilated crotch, tunnel belt loops.

Cap—Any style desired, plain or silk corded, ventilated crown.

Hose—Heavy ribbed pure worsted. Plain or striped; with feet or footless.

Belt—Solid black leather. Per Suit

No. AA—Uniform compelete with shirt, pants and cap **+$66 00**

Made of the finest quality full weight 8 ounce flannel, plain or trimmed. No extra charge for monogram or lettering of name of club.

Per Suit

No. 3—Uniform complete with shirt, pants, cap, hose and belt as described above. **+$42 00**

Firm bodied flannel. Tailored to individual measurements. Triple sewed, double locked, elastic seams.

Shirt—Plain; coat front; ventilated arm pits; elbow sleeves. Includes name of club not exceeding eight letters, or two 5 inch plain or one Old English letter, or a plain monogram; if full sized design is submitted. There will be an extra charge for over eight letters.

Pants—Plain; not lined; ventilated crotch, tunnel belt loops.

Cap—Plain; ventilated crown; stitched visor and leather sweat band.

Hose—Ribbed wool; feet or footless; any color and style striping.

Belt—Good quality black leather.

Per Suit

No. 8—Uniform complete with shirt, pants, cap, hose and belt as described above **+$38 85**

A good looking Navy or Gray uniform full of style. Navy uniform has white cording on cap, shirt and pants. Gray uniform has Navy cording on cap, shirt and pants.

Shirt—Coat front. Navy corded with white. Gray with Navy cording. Includes the name of club not exceeding eight letters, or two 5 inch plain, or one Old English letter, or a plain monogram if full sized design is submitted. There will be an extra charge for over eight letters.

Pants—Navy with white cording. Gray with Navy cording.

Cap—Navy with white cording. Gray with Navy cording.

Hose—Heavy ribbed white or gray cotton, with two 2 inch Navy stripes.

Belt—White or Navy web, with leather strap and buckle.

Per Suit

No. 11—Uniform complete with shirt, pants, cap, hose and belt as described above **+$26 40**

+F. O. B. Ohio Factory Only.

CATCHERS' MASKS

REACH

Steel wire, permanently welded and finished in dull black enamel. Extra strong steel wire sides extended to protect ears. The open vision or wide sight feature, the self-conforming pads and the adjustable head straps win the approval of the catcher.

Per Doz

No. 3L—Wt per doz about 25 lbs.....$198 00

One in cardboard box.

REACH

One solid piece, light weight frame, special composition metal, that will withstand any shock or blow of ordinary use and affords greater vision and less shadow in catchers eyes. Full length face padding, strapped to frame and can be removed or adjusted as may be required.

Per Doz

No. JP—Wt per doz 29 lbs..$415 80

One in cardboard box.

CATCHERS' MITTS

—BELKNAP'S—

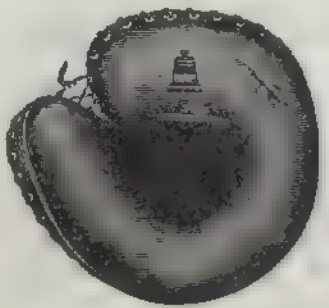
California chrome tanned calf leather; light brown color; asbestos padding; deep ball pocket; laced edge; patent adjustable wrist strap and buckle.

Per Doz

No. 1CM—Left hand..$252 00

No. 1CM-RH—Right hand..... 252 00

One in cardboard box; wt per doz 30 lbs.



Selected oil treated cowhide palm, back and fingers; leather binding with metal eyelets; rawhide laced edges; rawhide lacing adjustment between thumb and palm; strap and buckle adjustment at wrist with wrist protector. Professional model with moulded scooped shaped, deep ball pocket.

Per Doz

No. 3CM—Left hand..... $180 00

One in cardboard box; wt per doz 26 lbs.

Selected dark red oil treated, imported cowhide leather; hand formed felt padding; leather laced; leather binding around edges; strap and buckle adjustment at thumb and wrist. Full size professional model.

Per Doz

No. 8CM—Left hand. $165 00

One in cardboard box; wt per doz 24 lbs.

CATCHERS' MITTS

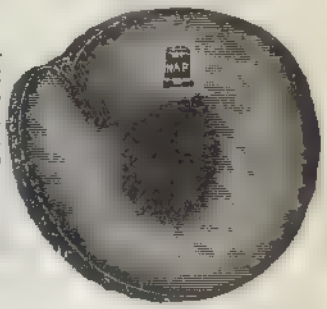
—BELKNAP'S—

Selected cream color horse-h'de palm and fingers, black sheepskin back, full leather laced; strap and buckle adjustment at wrist; hand sewed felt padding. Full size professional model.

Per Doz

No. 10CM—Wt per doz about 24 lbs..... $126 00

One in cardboard box.



Tan horsehide palm and fingers, black sheep skin; back stitched with two rows of yellow stitching; laced all round with leather lace; strap and buckle. Adjustment at thumb and wrist. Full Size.

Per Doz

No. 11CM Wt per doz about 24 lbs.....$84 00

One in cardboard box.

Selected cream color horsehide palm and fingers; extra heavy black sheepskin back; laced edge; strap and buckle adjustment at thumb and wrist; correctly padded.

Per Doz

No. 23CM—Wt per doz 18 lbs..... $69 00

One in cardboard box.

Strong black sheepskin throughout; laced edge; strap and buckle at wrist; correctly padded.

Per Doz

No. 22CM—Wt per doz 16 lbs..... $54 00

One in cardboard box.

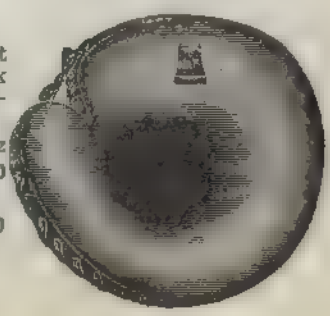
Boy's Size.

Good quality sheepskin palm and finger piece; strong split leather back, laced edge; strap and buckle at wrist; correctly padded.

Per Doz

No. 21CM—Wt per doz 12 lbs..... $39 60

One in cardboard box



Brown or pearl colored split leather palm and fingers; duck back; laced edge; correctly padded. Youth's size.

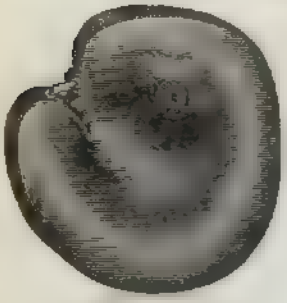
Per Doz

No. 20CM—Left hand. $26 40

No. 20CMRH—Right hand..... 26 40

One in cardboard box; wt per doz about 18 lbs.

CATCHERS' MITTS



REACH

Sheepskin face and fingers. Olive duck back; and black strip. Laced thumb, bound edge; strap and button at wrist. Youth's size.

Per Doz

No. 65X—Wt per doz 8 lbs $29 70

One in cardboard box.

REACH

Brown sheepskin face and finger. Olive duck back strip; bound edge; laced thumb; strap and buckle at wrist. Full size.

Per Doz

No. 75X Wt per doz 8 lbs $39 60

One in cardboard box.

REACH

Brown sheepskin face and fingers; mahogany back and strip; bound edge; strap and buckle at wrist; laced at thumb. Regulation size.

Per Doz

No. 100—Wt per doz 21 lbs $55 50

One in cardboard box.

REACH

Black horsehide face and fingers; brown leather back and strip; laced edge; strap and buckle at wrist with hand protector. Full size model.

Per Doz

No. 150—Left hand $79 20

One in cardboard box; wt per doz about 21 lbs.

REACH

Cream horsehide face; brown sheepskin back and fingers; brown leather strip; double stitched seams; laced all around; strap and buckle wrist with hand protector. Trap lacing between thumb and and face. Regulation size.

Per Doz

No. 200—Left hand..... $108 90

One in cardboard box; wt per doz about 24 lbs.

CATCHERS' MITTS

REACH

Cream horsehide face and fingers; brown mitten leather back; leather laced edge; trap lacing at thumb. Strap and buckle wrist with hand protector.

Per Doz

No. BP—Wt doz about 24 lbs $156 60

One in cardboard box.

REACH, Babe Ruth Home Run Special.

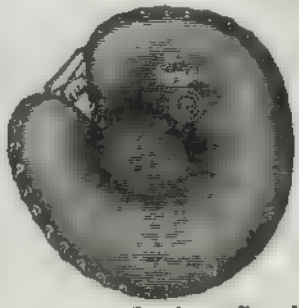
Dark brown horsehide face and fingers; leather bound and faced edges; felt pad; trap lacing between thumb and face permits adjustment of pocket.

Strap and buckle at wrist with felt padded extension under buckle to protect.

Per Doz

No. RC2—Left hand...$168 00

One in cardboard box; wt per doz 24 lbs



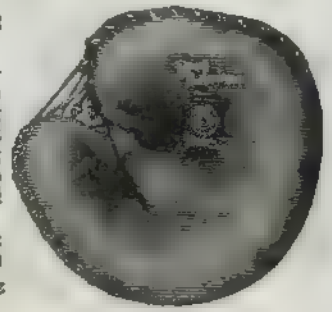
REACH, Babe Ruth Home Run Special.

Selected light brown, smooth grain horsehide face and fingers; leather bound and laced edges; felt pad; fingers double stitched to back; lacing between thumb and face permits adjustment of pocket. Strap and buckle at wrist with felt pad.

Per Doz

No. RC1—Left hand.. $237 60

One in cardboard box; wt per doz 24 lbs



REACH, Professional Special Scoop Model.

Reaco elk tan cowhide; professional full moulded pattern with a narrow top edge giving it the scoop effect, asbestos felt padding; leather laced edge; strap lacing at thumb; strap and buckle at wrist with hand protector. Regulation size.

Per Doz

No. 2A—Left hand .. $330 60

One in cardboard box; wt per doz 20 lbs.

REACH

Reaco dark brown horsehide; double faced. Special prepared felt padding laced in place with King patent lacing device.

Double stitched and leather-welted seams; leather lacing; trap lacing at thumb. Reach hold fast back so constructed that when once adjusted the mitt can be taken off or on without handling the straps.

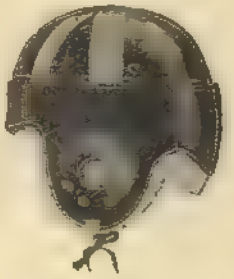
Per Doz

No. 12A—Wt per doz 50 lbs..... $418 80

One in carton.

FOOT BALL EQUIPMENT

No. YHG



No. H5 Head Helmet

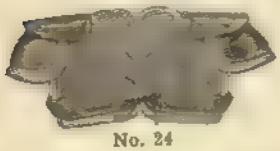
No. 3

No. 4

HEAD HELMETS

	Each
No. YHG. Built exactly to Yost specifications which demand thorough protection, close, comfortable fit, no excess weight and maximum wearing qualities. Made of fine quality tan strap leather. Padded throughout with white felt and lined with soft, smooth leather. The crown and ear pieces are molded to shape and reinforced with fibre. A suspended web inner crown acts as a perfect shock absorber. Wide strapping over crown affords extra protection. A special inner elastic head strap (patent applied for) holds the helmet firmly in place. Adjustable head piece with soft leather sweatband. Also fitted with the regular adjustable elastic chin strap for those who prefer that method of fastening. The back fits low and snugly to the head and neck. The ear pieces are low and wide and thoroughly protect the cheeks	$10 00
No. H5 Head Helmet. Made of black strap leather with russet leather crown straps. Molded crown reinforced with fibre and straps. Molded fibre ear pieces. Padded throughout with white felt. Deep back extension. Adjustable head piece with soft leather sweat band. Adjustable elastic chin strap	5 00
No. 3. Made of black grained leather. Molded and reinforced crown. Russet strap leather reinforcements over top. Deep back extension and large ear pieces. Adjustable to any size head. Adjustable elastic chin strap	3 50
No. 4. Open strap harness style. Russet grained leather. Lined with gray felt. Adjustable to any size head. Light in weight and comfortable. Elastic chin strap	2 50

SHOULDER AND COLLAR BONE PROTECTORS



No. 24

No. 34. Russet strap leather, lined with white wool felt. Fibre insert over collarbones, deep chest and back, moulded sole leather shoulder caps, fibre reinforced leather protector over shoulder joints, laced front and back for easy adjustment. Elastic straps hold pad firmly in place — $7 50

No. 22

No. 22. Russet strap leather, white felt padding moulded fibre shoulder pieces, leather extension over shoulders. Lacing adjustment in front and back. Heavy elastic shoulder bands	$8 50
No. 44. Brown strap leather with white felt padding, moulded fibre shoulder pieces adjustable lacing in front and back. Elastic shoulder bands	6 00
No. 55. Gray felt faced with khaki canvas, leather reinforcements, moulded fibre shoulder pieces, elastic shoulder bands. Adjustable lacing	4 50

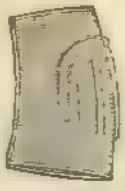
BASKET BALL GUARDS

No. RKG

No. KFR

No. REG

No. EW



No. EB

KNEE GUARDS

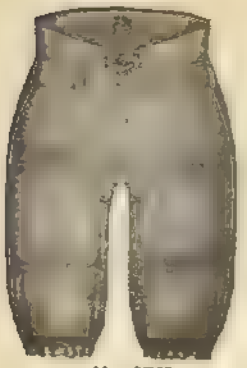
Nos. BKL-BKR

	Pair
No. RKG. Sponge rubber, shaped to fit the knee, with wide web elastic at top and bottom. Light weight but thoroughly practical	$3 50
No. KFR. Black horsehide with shock absorbing sponge rubber padding. Woven elastic leg bands and elastic web strap	3 50
No. BKL. Black leather with roll padding and khaki lining. Woven elastic bands. Elastic web strap	2 50
No. BKR. Black leatherette with roll padding and khaki lining. Woven elastic leg bands; elastic web strap	1 75

ELBOW GUARDS

	Pair
No. REG. Sponge rubber, shaped to fit the elbow, with wide elastic web at top and bottom. Same style as No. RKG Knee Guard but in elbow size	$3 50
No. EW. Soft leather, wool fleece lined, with wide elastic bandage supports above and below elbow	2 50
No. EB. All elastic bandage, with felt strips sewed on for elbow protection. Same as No. KB Knee Guard but in elbow size	1 75
	Each
No. ES. Wide elastic webbing to go around the elbow. Best quality white felt, cut in a design to fully protect the elbow, with circular leather piece on the outside, directly over joint, assuring additional protection. Same style as No. KS Knee Guard	1 50

FOOT BALL CLOTHING AND EQUIPMENT



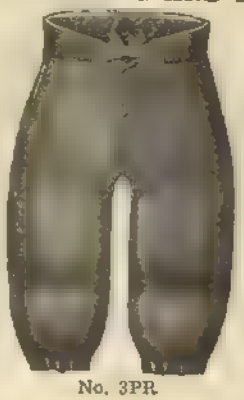
No. 2PH

No. 3PR

Made of durable brown duck. Gray felt kidney and side padding. Extra long hip pads extending above top and faced on outside with brown duck. Sectional fibre felt covered thigh guards. Felt padded knees. Elastic at knees. Belt tunnel in back. Laced front.

Per Pair

No. 3PR.....$6 00



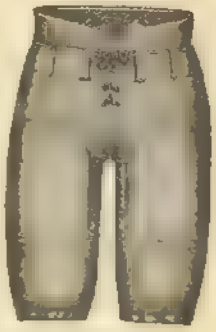
No. 3PR

JUNIOR MODEL BOYS PANTS

A special model for small boys. Made of good tan drill. Gray felt waist and kidney pad. Extra padding over hips and felt extension over base of spine reinforced with fibre. Fibre thigh guard with felt covered edges. Padded knees. Belt loops and laced front. Boys' waist sizes, 22 to 32 in.

Per Pair

No 3FB . ..$3 00



No. 3FB

No. 2PH. Best quality 8 oz. tan duck. Gray felt padding around waist, sides and kidneys. Felt extended over hips and spine. Fibre reinforcement over kidneys. Sectional fibre felt covered thigh guards. Felt padded knees. Leather knee patches. Laced front. Tunnel for belt at back. Elastic at knees. Leg adjustment for close fit. $7 50

FOOT BALL SHOES

No. F1

Made of black grain leather. Solid waterproof soles; leather outer soles cushion leather inner soles. Regulation style oak leather cleats attached through steel inner soles. Special kicking last, with sole leather box toe. Outside leather ankle reinforcement.

Per Pair

No. F1.....$7 00

FOOT BALL JERSEY

No. 3C

Each

No. 3C. Medium weight pure worsted, regulation style, with collegiate collar $6 00

ATHLETIC STOCKINGS

FOOTLESS

Per Pair

No 16. Solid colors. Best quality heavy weight worsted...$3 00

No. 16S. Best quality; striped; heavy weight worsted .. 3 00

No 15 Solid colors. Best quality medium weight worsted 2 75

No. 15 S. Striped. Best quality medium weight worsted 2 75

No. 14A. Solid colors. Medium weight wool 2 50

No. 14AS. Striped. Medium weight wool .. 2 50

No. 12. Plain colors. Good quality merino yarn 1 50

No. 12S. Striped. Good quality merino yarn 1 50

No. 8. Plain colors. Medium weight cotton 1 00

LACING NEEDLES

No 1

No 2

No. W

Each

No. 2. Lacing Needle. Steel needle with solid wood handle $0 10

No. W. Lacing Needle. Steel made in one continuous piece shaped to form handle..... 10

No. 1. Lacing Needle. Steel needle 05

LACES

Each

Rawhide Leather Laces.....$0 10

Woven Linen Lace..... 05

INFLATING PUMPS

Each

No. 3. Extra heavy, large size. 15x4½ inches. Brass barrel, steel plunger rod and wooden handle Fitted with check valve detachable nipple $1 50

No 4. A large sized pump. 20x3¾ inches. Long red enamel barrel. Extension on bottom for holding with the foot when pumping. Brass plunger rod and wooden handle..... 1 25

No. 2. Club size. 14x3¼ inches. Steel barrel and plunger rod Wooden handle. Fitted with check valve and detachable nipple 65

No. 1R. Pocket size. 12x2¼ inches. Steel barrel and plunger rod. Wooden handle Check valve and detachable nipple 45

REFEREES' WHISTLES

No. HW No. BW No. PW

Each

No. HW. Heavily nickeled white metal. Finger clip..... $0 75

No. BW. Bakelite. Loud deep tone 50

No. PW. White metal, heavy nickel finish 50

No. EW. Metal whistle with nickel finish 25

FOOT BALL GOODS

BIKE WRIST BANDAGES

Per Doz

No. 69—Elastic; cotton thread, interwoven with covered rubber thread $9 00
Packed loose; wt per doz about 1 lb.

BIKE KNEE BANDAGES

Per Doz

No. 61—Elastic; cotton thread, interwoven with covered rubber thread $12 45
Packed loose; wt per doz about 2 lbs.

BIKE ANKLE BANDAGES

Per Doz

No. 67—Elastic; cotton thread, interwoven with covered rubber thread; covers the foot except the toes and heel $12 45
Packed loose; wt per doz about 1¾ lbs.

FOOT BALL SHOULDER PADS

RAWLINGS

Best quality white wool felt, reinforced with heavy sole leather over shoulders; along spine and chest. Shoulder flaps extend well over shoulder caps which are of moulded sole leather and white wool felt, elastic under the arms, laced back and front with linen lace.

Each

No. 17—Wt each 1½ lbs ..... ✦$8 40
One in carton.

FOOT BALL PANTS

8 ounce olive color duck. Kidney pads gray felt covered with 8 ounce olive duck. Hips well quilted, with mattress felt, in pocket of drill. Padding will not shift. Three piece flat fibre reinforced thigh guards with knees padded like hips.

Per Pair

No. 4—Sizes 28 to 42 in waists ..... ✦$11 10
One pair in cardboard box.

When ordering be sure and state waist measurement and length of inseam from crotch to six inches below knee.

Best grade tan khaki cloth; well padded at hips and knees; thigh pads reinforced with 3 piece curved flexible fibre piece.

Per Pair

No. 12-0K—Wt per pair about 5 lbs ..... ✦$9 90
One pair in cardboard box.

✦F. O. B. Missouri Factory Only.

FOOT BALL SHOES

Special selected black tanned stock; one piece leather inner sole; brown arrangement of cleats; ankle pads. When ordering be sure to specify size.

Per Pair

No. 409L—Sizes 6, 7, 8, 9 and 10 $15 75
One pair in cardboard box; wt 2 lbs.

BASE BALL AND FOOT BALL STOCKINGS

Plain. Be sure to state size.

Per Doz Pair

Grade A—Heavy worsted, wide ribbed; wt per pair 8 ozs ..... ✦$79 20

Grade B—Heavy worsted, narrow ribbed; wt per pair 6 ozs ..... ✦65 40

Grade C—Heavy Saxony wool, wide ribbed; wt per pair 6 ozs ..... ✦60 00

Grade D—Heavy weight, ribbed, good quality; wt per pair 6 ozs ..... ✦23 70

Striped. Be sure to state size.

With calf stripe. Special striped stockings made to order and can be furnished in ten days.

Per Doz Pair

No. AS—Heavy worsted, wide ribbed; wt pair 8 ozs. ✦$79 20

No. BS—Heavy worsted, wide ribbed; wt pair 6 ozs. ✦ 65 40

No. CS—Heavy Saxony wool, wide ribbed; wt pair 6 ozs ✦ 60 00

No. DS—Heavy weight, ribbed, good quality; wt pair 5 ozs ..... ✦ 23 70

Stockings with feet extra ..... ✦ 3 15
Half doz pair in box.

KNEE PADS

Per Doz Pr

No. 31C—Khaki cloth, well padded; elastic webbing above and below knee ..... ✦$39 75
Packed loose; wt per doz pair about 3 lbs.

BASKET BALL SHOES

APSLEY RUBBER CO.
VICTOR

Brown corrugated suction sole; white duck uppers; brown rubber trimmings; boxing and toe cap; kool-foot insole. Designed for basket ball players but can be used by all athletes.

Per Pair

No. 2M—Men's, sizes 6, 6½, 7, 7½, 8, 8½, 9, 9½ and 10 $4 05

No. 2B—Boy's, sizes 2½, 3, 3½, 4, 4½, 5 and 5½ 3 75
One pair in cardboard box; average wt per pair 2 lbs.

✦F. O. B. Missouri Factory Only.

VOLLEY BALLS

REACH

Highest quality leather; sewed with a strong linen thread, strong and durable. Regulation size and weight. Complete with pure gum bladder and cord lace.

	Per Doz
No. 10W—Smooth grain, brown horse-hide	$198 00
No. 20W—Smooth grain, brown leather; standard figure eight model	118 80

One in cardboard box; wt each about 1 lb.

BASKET BALLS

—BELKNAP—
REGULATION

Embossed pebble grain special foot ball leather. Stitched with heavy waxed thread. Complete with good quality hand made rubber bladder, leather lace and lacing needle.

	Per Doz
No. 8—Wt each 20 ozs	$57 00

One in cardboard box.

—BELKNAP—
REGULATION

	Per Doz
No. 10—Pebble grain split leather, well lined and sewed, complete with pure gum bladder, leather lace and lacing needle; wt each 20 ozs	$75 00
No. 12—Selected pebble grain sheepskin, well lined and sewed, complete with pure gum bladder, leather lace and lacing needle; wt each 20 ozs	90 00

	Per Doz
No. 15—Cowhide, lined with highest grade drill, sewed with linen thread, complete with pure gum bladder, leather lace and lacing needle; wt each 22 ozs	$162 00

One in cardboard box.

—BELKNAP—
OFFICIAL

	Per Doz
No. 18—Selected pebble grain cowhide, lined with highest grade duck, sewed with highest grade wax linen thread, complete with pure gum bladder, leather lace and lacing needle	$306 00
No. 20—Extra selected heavy weight pebble grain cowhide, lined with heavy quality duck, complete with pure gum bladder, leather lace and lacing needle	336 00

One in cardboard box; wt each 25 ozs.

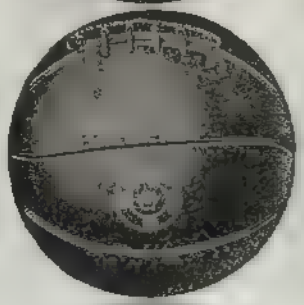
BASKET BALLS

REACH

Regulation size; official pattern; heavy pebble grained cowhide leathers; fabric lined. Complete with pure rubber valve bladder, valve attachment tools, rawhide lace and lacing needle.

	Per Doz
No. 2V—Wt each 20 ozs	$186 00

One in cardboard box



REACH

Regulation size; fine grade of tufide pebble grained leather; official four-section pattern. A high quality ball in every detail. Complete with pure rubber valve bladder, valve attachment tools, rawhide lace and lacing needle.

	Per Doz
No. 1½V—Wt each 20 ozs	$316 80

One in cardboard box.

LEAGUE

Imported pebble grain leather, in eight sections. Special pure Para rubber bladder. Complete with leather lace and lacing needle. Playing weight 20 to 24 ozs.

	Per Doz
No. 1—Wt each 28 ozs	$400 20

One in cardboard box.

OFFICIAL OUTDOOR OR PLAYGROUND

Best grade of pebble grained Tuf-ide leather. Official four section pattern. Stitched with extra strong, waxed linen thread. Lined with specially woven, non-stretch fabric. Beaded at edge of sections to afford extra wear and prevent ripping. Regulation size and weight. Complete with heavy, pure rubber bladder, rawhide lace and steel lacing needle.

	Per Doz
No. 1W—Folded leather welted seam	$400 20

One in cardboard box; wt each 25 ozs.

REACH, CHAMPIONSHIP

Specially selected Tuf-ide leather, tanned expressly for use in this ball in eight sections. Must be used in all match games. Pure Para rubber bladder. Complete with leather lace and lacing needle. Playing weight 20 to 24 ozs.

	Per Doz
No. 0—Wt each 28 ozs	$475 20

One in cardboard box.

BASKET BALL BLADDERS

REACH

	Per Doz
Pure para rubber, tested. **No. 0H**—Extra heavy for Nos. 0, 1 and 1W basket balls	$39 60

One in envelope; wt each 6 ozs.

REACH CATCHERS' MASKS

No. 7W

No. SL

No. 40O

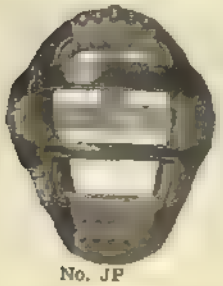
No. 20S

No 30S

No. RU

No. JP.	Reach Deluxe Mask	$15 00
No. RU.	Umpire Special	10 50
No. 7W.	Professional Model, new style	10 00
No. SL.	"Spitter"	7 50
No. 40O.	Diamond Special Model	6 50
No 20S.	Club Special	5 00
No. 30S	Association	4 00
No. 40S	League	3 00
No XX.	Amateur	2 50
No 2M	Youths' Model	2 00
No. CM.	Boys' Special	1 50

No. 40S


No. JP

REACH HEEL AND TOE PLATES

Toe Plate

Heel Plate

Pitcher Toe Plate

No. XX

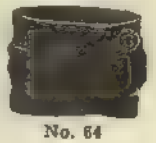
		Per Pair
No 1-T	"League" Hand Forged Steel Toe Plates.	$0 50
No. 2-T	"Professional" 1st quality Steel Toe Plates	25
No. 6-T.	"Amateur" good quality Steel Toe Plates..	15
No. 1-H.	"League" hand forged Steel Heel Plates.	50

		Per Pair
No 2 H.	"Professional" first quality Heel Plates	$0 25
No. 6-H.	"Amateur" good quality Heel Plates	15
		Each
No. 5-T.	"Aluminum" pitcher Toe Plates	$0 25

WRIST SUPPORTS

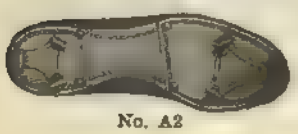
No. 60

No. 61


No. 64

		Each
No. 60.	Fine Russian Calf Leather, double strap and buckle	$0 75
No. 61.	Fine Russian Calf Leather, single strap and buckle	50
No. 64.	Drab finish Calfskin, single strap and buckle	35

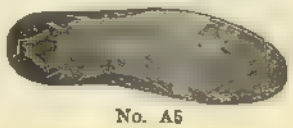
REACH BASE BALL SHOES


No. A2

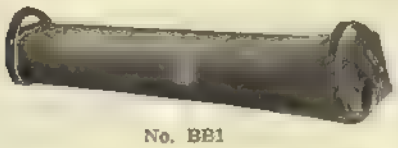
No. A2. Lightweight Sprinter Model Shoes. A special light weight model made on a practical sprinter last. Yellow back Kangaroo uppers with tough, flexible shank and sturdy oak leather soles. Strong counters and careful stitching with extra heavy thread combine to make these shoes particularly satisfactory for players who want a good shoe for fast play. Fitted with good forged steel plates, solidly riveted to soles and heels. Pair $ 7 50

No. A5. Base Ball Shoe. Made on the regulation full soled model, not the sprinter type. Made of extra strong black leather. Full length soles of real solid leather. Fitted with firmly riveted sole and heel plates. We believe this to be the best shoe made at the price. 4 00

No. A5


No. A5

REACH BAT AND UNIFORM BAGS



No. BB1

No. BB7

BAT BAGS

		Each
BB1.	Bat Bag. Club size. Holds 12 bats. Made of heavy brown canvas. Trimmed with strap leather.	$8 00
BB3	Bat Bag. Club size. Holds 6 bats. Made of heavy brown canvas. Trimmed with strap leather.	5 00
BB7	Bat Bag. Player's size. Holds 2 bats. Made of brown canvas. Leather trimmed.	2 50

No. F

No. FFF

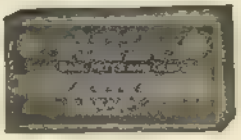
No. BU

UNIFORM BAGS

		Each
No. F.	Uniform Bag. Brown canvas. Bound edges. Leather handle and straps. Large size.	$7 50
No. FFF.	Uniform Bag. Brown canvas. Leather handle and straps. Medium size.	5 00
No. BU.	Uniform Bag. Drab canvas. Bound edges. Leather handle and straps. Made with pocket for one Bat	6 50

Umpire Indicator

Scoring Tablet



Dolce

UMPIRE INDICATOR, SCORING TABLET, AND DOLCE

	Each
UMPIRE INDICATOR. A useful device to keep correct tally of strikes and balls. Indispensable to all umpires. Made of celluloid with large, plain figures.	$1 00
SCORING TABLET. A small, compact article for recording runs, hits, outs and errors. Made of celluloid. Accurate in registry.	35
	Per Tube
DOLCE. A special Reach preparation for use on mitts or gloves. Made of natural animal oils which naturally soften and preserve the leather. Put up in convenient metal tubes.	$0 20

REACH OFFICIAL BASE BALL GUIDE

Reach Official Base Ball Guide contains everything you want to know about baseball. Complete records of the American, National and Minor Leagues. $0 35

ANKLE SUPPORTS

(PATENTED)

	Per Pair
No. K. Ankle Supporters. Fine Leather	$1 50
Nathan's Cane Strip Ankle Supporters	1 50

REACH SCORE BOOKS

		Each
No. 1SB.	Pocket size, paper cover, 7 games	$0 10
No. 2SB.	Pocket size, paper cover, 22 games	25
No. 3SB.	Pocket size, cloth cover, 50 games.	50
No. 8SB.	Pocket size, leather cover, 100 games.	1 50
No. 4SB.	Club size, cloth cover, 70 games.	1 50
No. 6SB.	Club size, cloth cover, 90 games.	2 00

REACH BASES

No article in the base ball line receives as rough usage as bases. Ours are made extra strong. Use Reach bases if you want the best. Three bases to a set. Complete with spikes.

	Per Set
No. E1. League. Made of extra heavy canvas, quilted and padded. Stuffed, ready for use.	$12 00
No. E3. Association. Heavy canvas with leather strap loops. Stuffed, ready for use.	8 00
No. E4. Amateur. Made of heavy duck. Not stuffed. Laced opening to permit stuffing.	4 00

FOOT BALLS

REACH, VARSITY RUGBY

Endorsed by leading universities, colleges and athletic associations. Regulation size Specially selected TUFHIDE, a perfect pebble grain foot ball leather, tanned expressly for use in this ball. Canvas lined double stitched around opening pure Para rubber bladder.

Each ball is carefully inspected and guaranteed to conform strictly to the official rules and to give absolute satisfaction. Complete with rawhide lace, and lacing needle. Per Doz

No. E5—Wt each 22 ozs $316 80

One in cardboard box.

REACH, OFFICIAL LAMINATED RUGBY

Tufhide leather cover with specially woven fabric lining making one solid panel of uniform thickness and strength. High grade rubber bladder equipped with improved type valve, easily inflated. Each ball is tested, inspected and laced at factory ready for inflation. Furnished with metal valve extension and valve cap tool.

Per Doz

No. L5—Wt each 1¾ lbs $400 20

One in cardboard box.

FOOT BALL BLADDERS

REACH

Pure Para rubber, tested and guaranteed perfect in material and workmanship. For use in Rugby foot balls.

Per Doz

No. E5—Best grade; for No. E5 foot balls $27 75
No. 5R—Medium grade; for Nos. 5, 5R and 5C foot balls 23 85
No. 5S—Common grade; for Nos. 5F, 5G and 5H foot balls 15 90
No. RS—Medium grade; for Nos. 5M, 5SR and 4M foot balls 13 80

Each

No. 5BV—Best grade; for No. 5SV foot ball $2 70

One in envelope; wt each ¼ ozs.

FOOT BALL GUIDES

REACH

Contains 58 pages listing and describing the following: A complete interpretation of 1929 official foot ball rules, with all changes in previous rules, suspension, forfeiture of game and disqualification, penalties and their distance of penalizing and position of players free to kick after fair catch, complete with diagram giving necessary measurements for marking off field. Each

No. FBG—Size 6¹⁵/₁₆x4½ ins $0 90

Packed loose.

FOOT BALL GOODS

REFEREE'S WHISTLES

Nickel plated heavy metal whistle for basket ball, foot ball, etc.

Per Doz

No. PW—Wt per doz ¾ lb $13 20

One doz in cardboard box.

FOOT BALL GOODS

HEAD HELMETS
—BELKNAP—

Genuine leather, pebble grain; well shaped crown; leather ear pieces; heavy felt lined; elastic chin strap. Per Doz

No. 2BS—With elastic band to fit any size head $49 50

Packed loose; wt per doz 6 lbs.

REACH

Brown grain leather, well padded with felt and thoroughly ventilated; elastic chin strap. The best on the market at the price; adjustable.

Per Doz

No. 4—Wt per doz 9 lbs $67 35

One in cardboard box

REACH

Black grained leather. White felt lining. Molded and reinforced crown. Leather over-straps. Adjustable leather lined head piece. Elastic chin strap and large moldde ear pieces. Deep back extension. Each

No. 3X—Wt each ¾ lb $9 90

One in cardboard box.

SUPPORTERS

REACH

All elastic; made of best grade material. Can be cleaned by boiling without injury to the rubber.

Furnished in 3 sizes; small to fit waist 22 to 28 inches; medium, 30 to 38 inches; large 40 to 48 inches.

Note—Give waist measurement when ordering. Per Doz

No. 34X—Wt per doz 2 lbs $12 45

One doz in cardboard box.

—BELKNAP'S—

Made from finest elastic webbing, with perfectly flat seams; cool and comfortable to wear, cannot bind or chafe. Special method of construction permits all seams to stretch with the webbing and conform to the shape of the body without ripping or breaking.

Furnished in sizes; small to fit waist 22 to 28 inches; medium, 30 to 38 inches; large 40 to 48 inches.

With 3 Inch Band. Per Doz

No. 10S—Small $12 00
No. 10M—Medium 12 00
No. 10L—Large 12 00

With 5¾ Inch Band.

No. 25S—Small 18 00
No. 25M—Medium 18 00
No. 25L—Large 18 00

One in cardboard box; one doz in carton; average wt per doz 8½ lbs.

BIKE

Clean, Comfortable, Porous, Elastic. No Buckles.

Furnished in three sizes; small to fit waist 22 to 28 inches; medium 30 to 38 inches; large 40 to 48 inches. Give waist measurement when ordering.

Per Doz

No. 50—Elastic; made of mercerized cotton, interwoven with covered rubber thread $19 80
No. 51—Elastic; made of specially woven fabric; best grade of cotton thread used; waist band made of one continuous piece 12 45

One doz in cardboard box; wt per doz 8½ lbs.

FOOT BALLS

—BELKNAP—

Pebble-grain split cowhide leather. Regulation size. Complete with pure rubber bladder, rawhide lace and lacing needle.

Per Doz

No. 1—Wt per doz 7 lbs $27 00

One in cardboard box.

—BELKNAP—

Official size. Genuine cowhide pebble-grain leather cover. Stitched with high grade linen waxed thread. Pure rubber bladder; rawhide lace and lacing needle. Per Doz

No. 3—Wt per doz 12 lbs $54 00

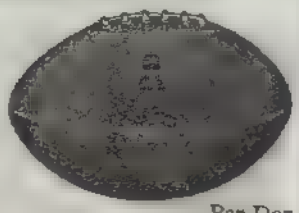
One in cardboard box.

—BELKNAP—

Regulation size. Full pebble-grain leather. Stitched with heavy waxed thread. Canvas lined. High grade, hand made rubber bladder; rawhide lace and lacing needle. Per Doz

No. 11—Wt per doz 12 lbs $69 00

One in cardboard box.



—BELKNAP—

Official size. Heavy 6 ounce, full pebble-grain leather cover. Stitched with heavy linen waxed thread. Strong fabric lining. High grade, four piece pure rubber bladder; rawhide lace and lacing needle.

Per Doz

No. 7—Wt per doz 14 lbs $115 50

One in cardboard box.

—BELKNAP—

Full size official Rugby. High grade 5½ ounce pebble-grain cowhide cover; high grade duck lining; leather lace, pure gum bladder and lacing needle.

Per Doz

No. 9—Wt per doz 18 lbs $171 00

One in cardboard box.

REACH, SPECIAL YOUTH'S

Good quality pebble-grain cowhide leather; canvas lined; correct chape. Pure rubber bladder; leather lace.

Per Doz

No. 4SR—Wt per doz 8 lbs $37 65

One in cardboard box

FOOT BALLS

REACH

Genuine pebble grained cowhide leather; fabric lined; fitted with valve bladder. Complete with valve attachment tools, rawhide lace and lacing needle.

Per Doz

No. 5SV—Wt each 1¼ lbs $108 00

One in cardboard box.

REACH, COLLEGE RUGBY

Good quality genuine pebble-grain cowhide leather; canvas lined. Regulation size; correct shape. Pure rubber bladder; leather lace and steel lacing needle. Per Doz

No. 5P—Wt doz 16 lbs $132 60

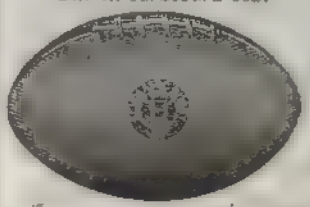
One in cardboard box.

REACH, RUGBY

Pebble-grain cowhide leather cover; strong fabric lining. Regulation size. Pure rubber bladder; leather lace and steel lacing needle. Per Doz

No. 5G—Wt per doz 16 lbs $158 40

One in cardboard box.



REACH, RUGBY MATCH

Genuine cowhide leather; strong fabric lining. Regulation size and weight. Pure rubber bladder with valve attachment; leather lace, lacing needle and valve tool. Per Doz

No. 5RY—Wt each 1¼ lbs $294 60

One in cardboard box

REACH, YOUTH RUGBY

Good grade russet pebble-grain leather; canvas lined; correct shape. Pure rubber bladder; leather lace. Per Doz

No. 5SR—Wt per doz 12 lbs $46 35

One in cardboard box.

REACH, SPECIAL RUGBY

Genuine pebble-grain cowhide leather; canvas lined. Regulation size; correct shape. Pure rubber bladder; leather lace and steel lacing needle. Per Doz

No. 5H—Wt per doz 12 lbs $106 95

One in cardboard box.

REACH, RUGBY

Genuine cowhide leather; strong canvas lining. Regulation size. Pure rubber bladder with valve attachment; leather lace, steel lacing needle and valve tool. Per Doz

No. 5S—Wt each 1¼ lbs $158 40

One in cardboard box.

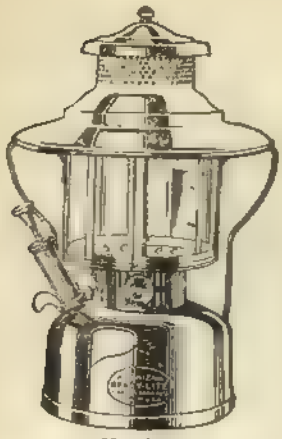
REACH SCHOLASTIC RUGBY

Pebble-grain cowhide leather; canvas lined. Regulation size and weight. Pure rubber bladder with valve attachment; guaranteed perfect in material and construction. Per Doz

No. 5F—Wt per doz 18 lbs $211 80

One in cardboard box.

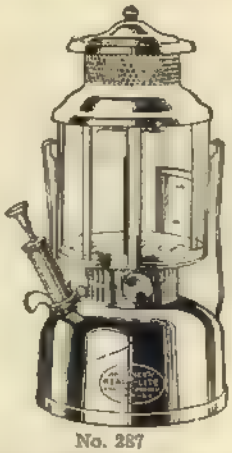
READY-LITE LAMPS AND LANTERNS



No. 288

Ready-Lite Generators

are simple and inexpensive. Having no cams to obstruct impurities in the gasoline, they give unusually long service. Generators are easily and quickly replaced without danger of breaking mantles.



No. 287

Ready-Lite Lamp No. 254

Besides a more pleasing design, superior material, workmanship and finish, American Ready-Lites have two outstanding improvements which place them far ahead of all others. The first is the generator. It is a straight tube allowing a free flow of gas, hence it does not readily clog and gives longer service. Ready-Lite generators are inexpensive and are easily replaced without breaking mantles.

The second notable improvement is in the burner casting and mixing chamber, which is constructed so that it equalizes the gas pressure, eliminates flickering and insures equal brilliance of both mantles.

Ready-Lites are built of heavy gauge brass, nickel-plated and polished. Lamps have ebonized hard wood standard. Shades are of attractive design and high heat resisting qualities. Lanterns are wind and storm proof, equipped with mica globe fitted with lighting door. Top is blue porcelain enamel, won't rust or burn out. Each lamp and lantern is packed in individual carton with pump, wrench, tip cleaner, mantles and one extra generator.

No. 288. Lantern with shade and built-in pump and automatic lighter ... $9 00

No. 287. Regulation lantern with built-in pump and automatic lighter ... 8 50

READY-LITE LAMP No. 254

Gives a brilliant white light of 300 candle power, softened and diffused by the opal shade, making it restful and pleasing to the eyes. The best lamp to read, study or work by and an ornament in any room. Height 20 inches, diameter of fount 8½ inches, capacity 3 pints, burns 18 to 20 hours on one filling. Packed in corrugated box with pump, wrench, tip cleaner, mantles and one extra generator. Shipping weight 12 pounds.

Price complete ... $9 00

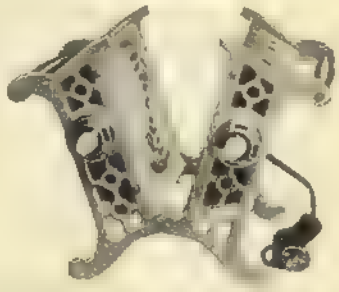
AMERICAN READY-LITE MANTLES

American Mantles have become famous because of the "pucker" at the bottom which is largely responsible for their great durability.

American Inverted Mantles are made by hand, by skilled operators from the best quality of materials it is possible to buy. Inferior material and cheap labor are usually poor economy and this is especially true in the manufacture of mantles. That is why American Mantles are made in one grade only and while they are made expressly for use on American Lamps and Lanterns, any gasoline lighting device will give more light and better service if American Mantles are used. Made in two sizes:

	Per Dozen
No. IX. A large mantle for American Ready-Lites and all other single mantle lamps, lanterns and fixtures	$ 1 25
No. IXB. A smaller mantle for all two mantle lamps and lanterns	1 00

FOLDEX
THE ALL PURPOSE STOVE



The Master Combination Electric Stove of a thousand uses. Filling the dual capacity of a cooker or Room Heater, as efficient in one use as the other. Neat in appearance, convenient and economical in operation.

Three heats—high, medium and low—to each plate giving six degrees of heat to fill your requirements. Operated from your wall socket.

Finished in beautiful grey porcelain enamel—easy to clean and keep clean. Equipped with the latest three heat switch—high, medium and low—giving the exact quantity of heat desired.

	Each
Foldex Stoves	$10 00

Latest Models in Gentlemen's Strap Watches

Waltham, Illinois, Elgin and Hamilton

Waltham
14k White Gold Filled, Engraved Oxidized case, Curved back, Strap and buckle to match
G27+1 6/0s 7J movement, Radium Dial **$50.00**
G27+2 6/0s 15J movement, Radium Dial **$60.36**

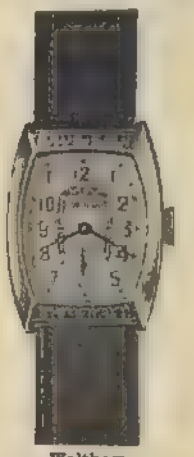
Waltham
14k White Gold Filled Engraved Oxidized case Curved back Strap and buckle to match
G27+3 6/0s 7J movement, Radium Dial **$50.00**
G27+4 6/0s 15J movement, Radium Dial..... **$60.36**

Waltham
14k White Gold Filled, Plain case with Lord Wadsworth Bracelet to match. Fitted with Plain Dial.
G27+5 7¾L 17J movement **$103.10**
G27+6 7¾L 15J movement **$89.40**

Waltham
14k White Gold Filled, Plain case Buckle to match
G27+7 6/0s 7J movement, Radium Dial ... **$50.00**
G27+8 6/0s 15J movement, Radium Dial **$60.36**

Waltham
14k White Gold Filled Plain case with strap and buckle to match
G27–9 6/0s 7J movement Radium Dial ... **$50.00**
G27–10 6/0s 15J movement Radium Dial ... **$60.36**

Waltham
14k White Gold Filled, Oxidized case, Extended center, curved back. With strap and buckle to match.
G27+11 10L 7J movement Radium Dial **$57.00**
G27+12 10L 15J movement Radium Dial **$67.20**



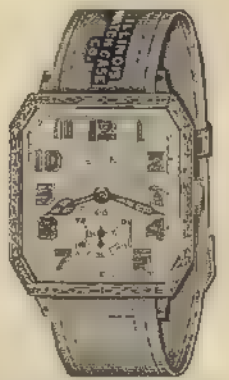
Waltham
14k Solid White Gold case, oxidized engraving, curved back with strap and buckle to match
G27+13 10L 15J movement Radium, or Etched Dials **$89.40**

Illinois
14k White Gold Filled Marquis Model Engraved Oxidized case. Curved back, strap and buckle to match
G27+14 6/0s 17J movement Radium Dial **$69.00**
G27+15 6/0s 19J movement Radium Dial. . . **$75.00**

Waltham
14k White Gold Filled, Oxidized engraved case, strap and buckle to match
G27+16 10L 7J movement Radium Dial **$57.00**
G27+17 10L 15J movement Radium Dial **$67.20**

Waltham
14k White Gold Filled, Plain case, curved back Strap and buckle to match
G27+18 10L 7J movement Radium Dial..... **$57.00**
G27+19 10L 15J movement Radium Dial..... **$67.20**

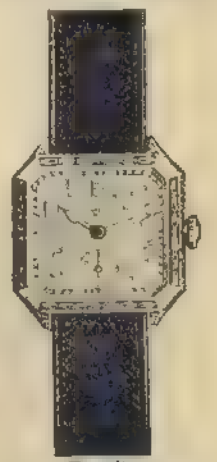
Hamilton
14k White Gold Filled case, Engraved Bezel Tonneau shape.
G27+20 6/0s 17J movement Radium Dial..... **$82.20**



14K White Gold Filled,
Engraved case, Radium Dial, Strap and buckle to match
G27+21 6/0s 7J Waltham or Elgin **$46.05**
G27+22 6/0s 15J Waltham or Elgin..... **$57.60**
G27+23 6/0s 15J Illinois **$57.60**

Elgin
14k White Gold Filled case 7J Elgin movement fitted with a special dial to harmonize with the case
G27–24 . . . . **$45.65**

14K White Gold Filled,
Engraved case, Radium dial, strap and buckle to match
G27+25 6/0s 7J Waltham or Elgin **$46.05**
G27+26 6/0s 15J Waltham or Elgin **$57.60**
G27+27 6/0s 15J Illinois **$57.60**



Hamilton
14k White Gold Filled case, Engraved bezel. Square cut-Corner Shape
G27+28 6/0s 17J movement Radium Dial ... **$82.20**

THE ABOVE PRICES ARE SUBJECT TO THE REGULAR DISCOUNT.

IF ANY ARTICLE PROVES UNSATISFACTORY, RETURN AT ONCE. WE WILL EXCHANGE OR REFUND MONEY.

"THE HOUSE OF QUALITY, SERVICE AND SATISFACTION"

Tivoli White Gold Filled Strap Watches

7, 15 and 17 Jeweled

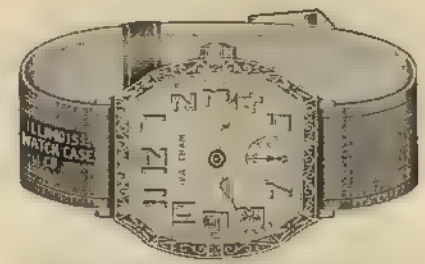
All Fitted with Fine Leather Straps and Nicely Boxed

Tivoli White Gold Filled. 3/0 size barrel shape, engraved bezel. Silvered Radium dial

G28+1	7J Waltham or Elgin	$34.20
G28+2	15J Waltham or Elgin	42.65
G28+3	17J Waltham	45.90

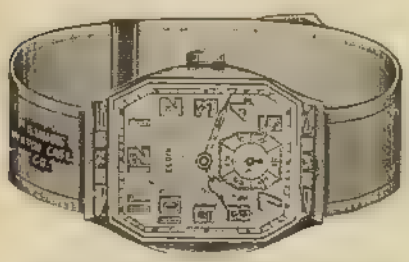
Tivoli White Gold Filled. 3/0 size Diamond shape, engraved bezel. Silvered radium dial

G28+4	7J Waltham or Elgin	$34.20
G28+5	15J Waltham or Elgin	42.65
G28+6	17J Waltham	45.90



Tivoli White Gold Filled. 3/0 size, Atlantic shape, engraved bezel. Silvered radium dial.

G28+7	7J Waltham or Elgin	$34.20
G28+8	15J Waltham or Elgin	42.65
G28+9	17J Waltham	45.90

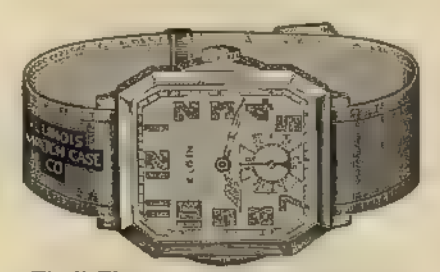


Tivoli White Gold Filled. 3/0 size Tonneau-rectangular shape, engraved ends. Silvered radium dial

G28+10	7J Waltham or Elgin	$34.20
G28+11	15J Waltham or Elgin	42.65
G28+12	17J Waltham	45.90

Chromium Finished Nickel Case. 3/0 size. Cushion shape, hard enamel bezel with chromium numerals.

G28+13	7J Waltham only. Retails for $21.50	$29.40



Tivoli White Gold Filled. 3/0 size Rectangular plain bezel, silvered radium dial

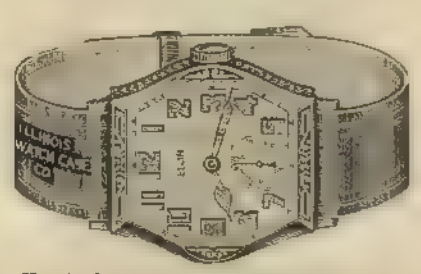
G28+14	7J Waltham or Elgin	$33.40
G28+15	15J Waltham or Elgin	41.95
G28+16	17J Waltham	45.15

Tivoli White Gold Filled. 3/0 size. Tonneau-diamond shape, plain bezel. Silvered radium dial

G28+17	7J Waltham or Elgin	$33.40
G28+18	15J Waltham or Elgin	41.95
G28+19	17J Waltham	45.15

Tivoli White Gold Filled. 3/0 size Atlantic shape with extended center of green gold filled, plain bezel. Silvered radium dial.

G28+20	7J Waltham or Elgin	$34 90
G28+21	15J Waltham or Elgin.	43 40
G28+22	17J Waltham	46 65

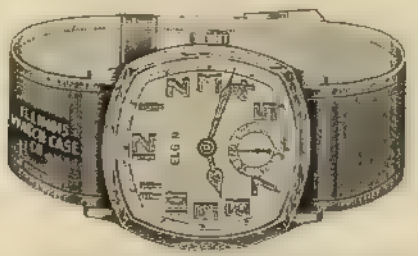


Tivoli White Gold Filled. 3/0 size. Tonneau-diamond shape, engraved bezel, silvered radium dial.

G28+23	7J Waltham or Elgin	$34.20
G28+24	15J Waltham or Elgin	42.65
G28+25	17J Waltham	45.90

Chromium Finished Nickel Case. 3/0 size Cushion shape, engraved bezel, silvered radium dial.

G28+26	7J Waltham or Elgin	$30.25
G28+27	15J Waltham or Elgin.	38.75
G28+28	17J Waltham	42 00



Tivoli White Gold Filled. 3/0 size Cushion formed opening, engraved bezel, silvered radium dial

G28+29	7J Waltham or Elgin	$34.20
G28+30	15J Waltham or Elgin	42.65
G28+31	17J Waltham.	45.90

Tivoli White Gold Filled. 3/0 size Tonneau shape round opening, engraved bezel, silvered radium dial.

G28+32	7J Waltham or Elgin	$33.10
G28+33	15J Waltham or Elgin	41.60
G28+34	17J Waltham	44.85

THE ABOVE PRICES ARE SUBJECT TO THE REGULAR DISCOUNT.

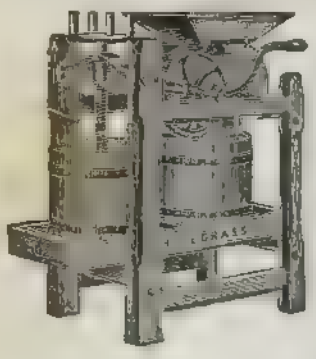
IF ANY ARTICLE PROVES UNSATISFACTORY, RETURN AT ONCE. WE WILL EXCHANGE OR REFUND MONEY.

"THE HOUSE OF QUALITY, SERVICE AND SATISFACTION"

WOOD ROLL CIDER MILLS

—BLUE GRASS—

Hardwood frames, varnished and striped; tubs are of wood staves, natural finish, riveted to japanned iron bands; straw color hoppers. Hardwood rolls, fitted with high carbon steel cutters; steel press screw; gearing is heavy and easy running.



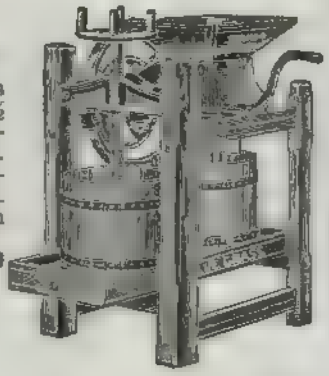
—BLUE GRASS—MEDIUM

Height over all 42 in.; tubs 12½x13½ in.; hopper 15½x19 in.; press screw 1¼ in. in diameter; floor space 22x35 inches.

Each

No. BG2M—Capacity 3 to 6 barrels per day. **+$99 00**

Shipped loose, set up; wt 253 lbs.



—BLUE GRASS—SENIOR

Height over all 45 in.; tubs 15x15½ in.; hopper 18½x21½ in.; press screw 2 in. in diameter; floor space 29x45 inches.

Designed for use where considerable capacity is required.

Each

No. BG3S—Capacity 6 to 10 barrels per day **+$129 00**

Shipped loose, set up; wt 367 lbs.

CIDER MILLS

—BELKNAP SPECIAL—

Adapted for grapes and small apples—large apples must be cut or quartered. Hopper enclosed and grinding mill made heavier than other mills of this style. Painted red with japanned castings. Height over all 46 ins; tub 11x11 ins inside; hopper 7 x 9 ins at top; press screw 1⅜ x 19½ ins; diam of crank wheel 16 ins; uprights 5x1¾ ins at bottom, 3¼x1¾ ins. at top; floor space 20x24 ins.

Each

No. 0BS—Capacity ½ to 1 barrel per day **$38 25**

Shipped loose; wt each 115 lbs.

—CYCLONE—

Frame nicely finished, tub natural wood stave, riveted to japanned iron band; height over all 46 ins; tub 11x11 ins inside; hopper 7½x9 ins at top; press screw 1¼x25½ ins; diam fly-wheel 16 ins; uprights 5¼x1¾ ins at bottom, 4¼x1¾ ins at top; floor space 20x23 ins.

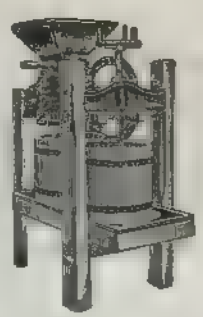
Each

No. 10C—A first class single tub cider mill and wine press for family use; capacity 2 to 3 barrels per day; wt each 136 lbs **$47 25**

Shipped loose.

+F. O. B. Ohio Factory Only.

CIDER MILLS



Frame varnished, natural wood finish with neat red stripes; tubs natural wood; castings japanned finish.

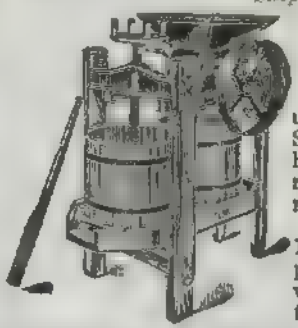
Substantially built of first quality material throughout and a high grade mill in every respect.

Each

No. 1BS—Belknap Special Junior, Steel Roll; capacity 2 to 4 barrels per day; height over all 42 ins; tubs 10x10¾ ins; hopper 12 x 13½ ins; press screw 1¼ x 18½ ins; diam fly-wheel 18¾ ins; posts 36x3 ½x2¾ ins; floor space 34x20 ins; wt each 180 lbs ..... **+$63 00**

No. 2BS—Belknap Special Medium, Steel Roll. Capacity 3 to 6 barrels per day; height over all 48 ins; tubs 10x10½ ins; inside hopper 14x14 ins at top; press screw 1½x21 ins; diam of fly-wheel 19 ins; post 40x3¾x2¾ ins; floor space 35x22 ins; wt each 260 lbs ..... **+81 00**

Shipped loose.



—BELKNAP SPECIAL—SENIOR

Steel Rolls.

Hardwood frame, varnished natural wood finish with black stripes. Steel rolls and press screw; large hopper; gearing heavy and easy running; tubs natural wood staves riveted to japanned iron bands.

Height over all 48 ins; tubs 17x14¼ ins; hopper 17x15 ins; press screw 2 x 22 ins; diam fly-wheel 23 ins; posts 46x5x2¾ ins; floor space 45x30 ins.

Each

No. 3BS—Capacity 6 to 8 barrels per day ..... **+$108 00**

Shipped loose; wt each 415 lbs.

RED CROSS

Self Feed.

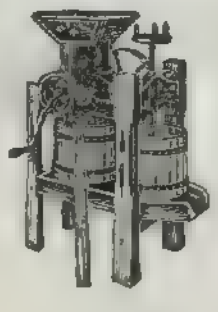
Hardwood frame, varnished; natural wood finish with black and red stripes. Tub natural wood staves, riveted to japanned bands. Shaft and press screw cold rolled steel. The press screw with machine cut threads operates through a heavy iron crosshead.

Height of legs 4 ins; diam tub 14 ins; height tub 12 ins; press screw 1⅜x24½ ins.

Each

No. 1SF—Capacity 1 to 2 barrels per day ..... **+$45 75**

Shipped loose; wt each 180 lbs.



RED CROSS

Hardwood frame, varnished natural wood finish with black and red stripes. Tubs are natural wood staves, riveted to japanned iron bands. Shafts and press screws cold rolled steel. The press screw with machine cut threads operates through a heavy iron crosshead. Securely bolted and braced.

Each

No. JR—Junior Iron rolls; capacity 2 to 4 barrels per day; height legs 36 ins; tubs 10x12 ins; press screw 1⅛x18¾ ins; wt each 180 lbs ..... **+$61 50**

Each

No. ME—Medium Iron rolls; capacity 3 to 6 barrels per day; height legs 40 ins; tubs 12x14 ins; press screw 1½x20½ ins; wt each 235 lbs ..... **+$72 00**

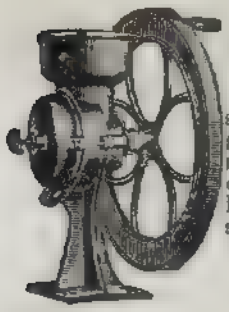
Shipped loose.

+Nos. 1BS & 2BS—F. O. B. Ohio Factory Only.

+Belknap Special and Red Cross—F. O. B. Indiana Factory Only.

D 2

GRINDING MILLS



—BLUE GRASS—

Cast iron body, hopper and wheel, steel alloy metal grinder, adjusted to grind fine or coarse without the use of a wrench, adjustable by thumb screw on back of cylinder; large open hopper; hardwood handle on wheel; flat base to screw to table.

Hoppers are white enameled inside.

Nos.	BG1½H	BG2H	BG3H
Capacity per hour, bushels	½ to 1	¾ to 1½	1 to 2
Diam of wheel, ins	12½	16½	19¾
Diam throat, ins	4⅛	5⅜	7
Base, ins	4¼x5¼	6x6	7x7
Height over all, ins	12¾	16	19
Wt each, lbs	28	47	84
Each	$10 20	15 00	21 00

One in wood box.

—BLUE GRASS—

Power.

Locking pawl on adjusting wheel.
Adjustable feed plate.
Grinds fine or course at will.
End thrust ball-bearing.
Pulleys outside frame.
6 inch cone burrs of steel-alloy metal.
8 inch tight pulley, by 4 inch face.

Requires 1 to 2 H. P. gasoline engine or electric motor.

Speed, 400 to 800 revolutions. Capacity 5 to 8 bushels per hour. Makes corn meal or graham flour.

Has cone shaped burrs.

Ball-bearing, adjustable feed plate, which accommodates feed to power. Can be started and stopped without touching the engine. Inside of hopper white enameled.

	Each
No. BG4BP—Height 18½ ins; length 19 ins	✣$26 70

One in wood box; wt each 85 lbs.

EXTRA BURRS

For No. BG4BP Grinding Mills.

	Per Set
No. BG4BPB—Coarse or fine	✣$5 00

One set in wood box.

✣F. O. B. Illinois Factory Only.

We maintain an engineering Department for the purpose of furnishing technical advice to those planning to install motors, Generators and machinery of all kinds.

We will gladly furnish advice, estimates and prices upon request. Tell us your problem and we tell you your requirements.

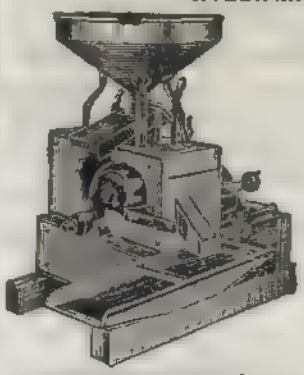
BURR GRINDING MILLS

Designed to give large capacity without heating the meal, ball thrust bearings at end of shaft allow adjusting burrs with the least possible friction and prevents heating of bearings.

The mill stones or burrs used are of the pearl flint grit which is the best burr known for grinding grain for table use.

WILLIAMS IMPROVED

With Blower.



Designed to clean, grind and sift corn into the finest quality of either table meal or grits, or wheat, buckwheat, or rye into flour, as well as any grain or mixture of grain into feed.

The grain cleaning system removes all trash, dust and faulty grains, as the grain passes from hopper to burrs. A high speed cleaning fan, belt driven from main shaft, is standard equipment on all sizes except the 12 inch size mill. Trash and dust from both cleaning shoe and fan is blown out through a single spout from which it can be piped through floor or wall without danger of being blown back into meal.

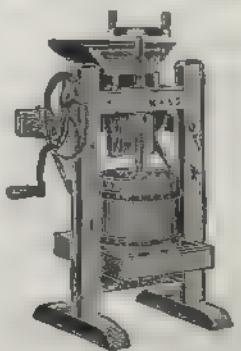
Nos.	16WI	20WI	24WI	30WI
Size burrs, ins	16	20	24	30
Horse Power	4 to 5	6 to 8	8 to 10	15 to 20
Size Pulleys, ins	10x5	12x6	14x6	16x8
Speed R. P. M.	750	700	650	550
Cap per hour, bu — Sifted	4	6	8	15
Cap per hour, bu — Unsifted	5	8	10	25
Floor space, ins	38x54	42x54	47x58	52x60
Wt each, lbs	675	925	1175	1550
Each	✣$270 00	✣352 50	✣433 50	✣624 00

Crated.

WOOD ROLL CIDER MILLS

—BLUE GRASS—

Hardwood frames, varnished and striped; tubs are of wood staves, natural finish, riveted to japanned iron bands; straw color hoppers. Hardwood rolls, fitted with high carbon steel cutters; steel press screw.



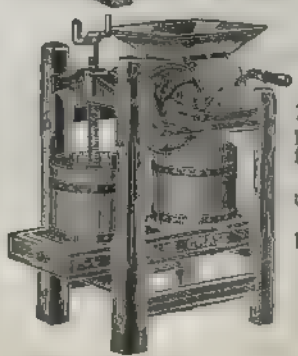
—BLUE GRASS—BANTAM

Height over all 40 in.; tub 12x10 in.; hopper 12x14 in.; press screw 1¼ in. in diameter; floor space 20x23 inches.

For grinding and pressing grapes for wine, and for all small fruits, this mill has ample capacity for general use.

	Each
No. BG10B—Capacity ½ to 1 barrel per day	$60 00

Shipped loose, set up; wt 119 lbs.



—BLUE GRASS—JUNIOR

Height over all 40 in.; tubs 12x10½ in.; hopper 16x14¾ in.; press screw 1¼ in. in diameter; floor space 20x34 inches.

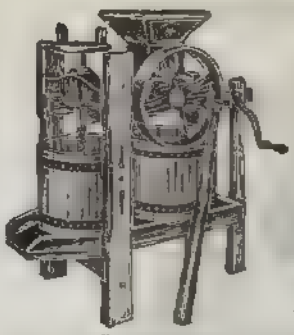
Designed especially for family use.

	Each
No. BG1J—Capacity 2 to 4 barrels per day	✣$84 00

Shipped loose, set up; wt 172 lbs.

✣Grinding Mills—F. O. B. North Carolina Factory Only.
✣Cider Mills—F. O. B. Ohio Factory Only.

CIDER MILLS



RED CROSS SENIOR

Hardwood frame, varnished natural wood finish with black and red stripes.

Tubs are natural wood staves, riveted to japanned iron bands. Shafts and press screws cold rolled steel. The press screw with machine cut threads operates through a heavy iron crosshead securely bolted and braced.

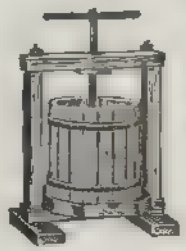
Height legs 46 ins; tubs 14x17 ins; pulley 8½x18 ins; press screw 2x23½ ins.

Each

No. SR—Capacity 6 to 12 barrels per day..... ✚$105 00

Shipped loose; wt each 341 lbs.

FRUIT PRESSES



Maple frame and tub, varnished natural finish. Securely bolted and braced.

Each

No. FP6—Diam tub 9½ ins; depth 9 ins; height over all 18¼ ins; width base 14¼ ins..... $12 45

Shipped loose, set up; wt each 22 lbs.

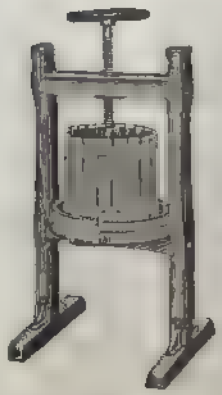
LANSING

Hardwood frame, varnished; wood stave tub, natural finish. Securely bolted and braced. Easily operated.

Each

No. 0L—Capacity 8 qts; height over all 34 ins; diam of cylinder 9½ ins; height of cylinder 9½ ins..... ✚$19 50

Shipped loose; set up.



Hardwood frame, varnished; wood stave tub, natural finish. Securely bolted and braced. Easily operated.

LANSING

Nos.	1L	2L	3L
Capacity, qts	14	20	30
Height over all, ins	37	47	49
Diam of cylinder, ins	12	14	16
Height of cylinder, ins	11	14	15
Wt each, lbs	70	146	230
Each	✚$31 50	✚45 75	✚83 25

Shipped loose; set up.

✚Red Cross—F. O. B. Indiana Factory Only.

✚Lansing—F. O. B. Michigan Factory Only.

FRUIT PRESSES

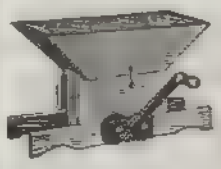
RED CROSS

Hardwood frame, varnished; wood stave tub, natural finish; shaft and press screw of cold rolled steel. The press screw with machine cut threads operates through a heavy iron crosshead, securely bolted and braced.

Nos.	1RCP	2RCP	3RCP
Height of legs, ins	36	40	46
Height of tub, ins	10	12	14
Diam of tub, ins	12	14	17
Diam of screw, ins	1⅛	1½	2
Length of screw, ins	18¾	20	23½
Wt each, lbs	72	100	168
Each	✚$22 20	✚29 25	✚47 25

Shipped loose; set up.

FRUIT CRUSHERS



Hardwood frame and removable hinged hopper, varnished natural finish; 3½ inch fluted maple crushing rollers 6 inches wide; outside gears insure uniform drive.

Each

No. FC10—Length hopper 21 ins, width 10½ ins; depth 10½ ins; height over all 13¼ ins..... $15 75

Two in crate; wt each 28 lbs.

GRAPE AND BERRY CRUSHERS

RED CROSS

Hardwood frame and hopper, varnished natural finish; iron parts painted gray. Self aligning bearings permit a great range of roll adjustment. Locked assembly of gears and rolls prevents them from coming loose on the shafts. Diameter rolls 6¾ inches, length 10 inches; size hopper at top 20x20 inches; depth 8 inches.

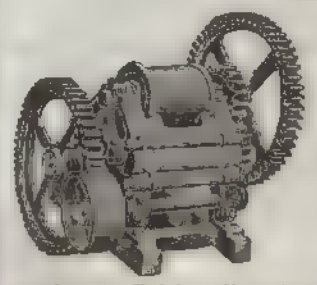
Each

No. 1BC—Length over all 28 ins; width 21 ins; height 15 ins..... ✚$36 75

Shipped loose; wt each 100 lbs.

CANE MILLS

JUMBO



With Double Back Gearing.

The large roll is flanged so as to give full width of rolls for pressing. The rolls are grooved which insures regular and positive feed. By means of set screws the rolls are adjusted for large or small canes. High grade babbitt is used in the boxes. Roll boxes and counter shaft boxes are very strong.

Pulley 18x6 inches; speed 240 revolutions per minute; diameter large roll 8 in.; diameter small roll 6 in.; length roll 8 in.; diameter large roll shaft 2 3/16 in.; diameter small roll shaft 1 15/16 inches. Requires 3 to 5 horse power to operate.

No.	J88
Capacity, tons per 12 hrs.	4 to 6
Shipping wt each, lbs	650
Each	✚$198 00

Shipped loose.

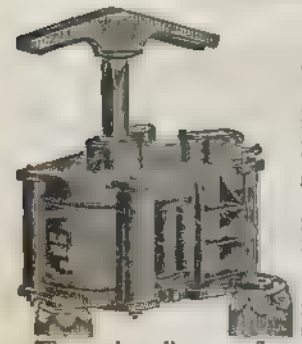
✚Red Cross—F. O. B. Indiana Factory Only.

✚Jumbo—F. O. B. Ohio Factory Only.

D 3

CANE MILLS

—BLUE GRASS—Three Roll.



Held together by four main bolts, which make them more rigid than a mill with three bolts.

The cog gearing is cast separate from the rollers, and is very heavy, with two clutches on each wheel, which fits into two corresponding ones in each roller.

Both top and bottom journals run in brass boxes, making the mill work smoothly and easily.

All steel shafts with turned bearings, rollers turned with serrated faces, enabling a regular and constant feed to be maintained.

The main rollers are flanged at top and bottom, preventing the cane from passing either up or down. Feed-guide furnished with each mill, made so that the full length of the roller can be used.

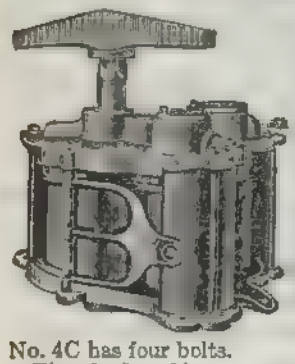
The gearing is encased preventing it from being clogged, and making it entirely safe.

Angle or incline yoke can be supplied as desired. With the angle yoke bolts are furnished to attach to sweep. Bows are furnished for the incline yoke.

The oiling is done by means of horizontal oil ducts for the lower journals, avoiding the mixing of oil with the juice.

Nos.	BG0	BG1	BG2	BG4
Horse Power	1	1 Reg.	2	2 Hvy.
Estd. cap. per hr., gals	40	60	80	120
Diam large rolls, ins	10⅛	11⅝	13⅛	16
Diam small rolls, ins	6⅛	6¾	7⅛	9¹¹/₁₆
Height rolls, ins	5½	6⁵/₁₆	7½	12
Wt each, lbs	435	560	800	1500
Each	✚$97 50	✚118 50	✚165 00	✚292 50

—CYCLONE—Three Roll.



Steel shafts. All boxes have brass linings of ample thickness, and when properly oiled should last for years.

Top plates are made with a wide flange, which strengthens the plate and covers the gear. This effectually prevents cane, etc., from getting between the cogs and insures safety to the operator. The cog wheels can be oiled through a small hole in the top plate, and there is no danger of oil getting into the juice.

Nos. 0C, 1C, 2C and 3C are held together by three bolts, No. 4C has four bolts.

The feed guides are reversible to be worked on either side of the mill.

The main shaft is very heavy and strong, and there is no danger of it twisting or bending.

Nos.	0C	1C	2C	4C
Power, Horses	1	1 Reg	2	2 Hvy.
Estd. cap. per hour, gals	40	60	80	120
Diam large rolls, ins	10⅛	11⅝	13⅛	16
Diam small rolls, ins	6⅛	6¾	7⅛	9¹¹/₁₆
Length of rolls, ins	5½	6⁵/₁₆	7½	12
Wt each, lbs	430	560	790	1450
Each	✚$94 50	✚115 50	✚160 50	✚288 00

Shipped loose.

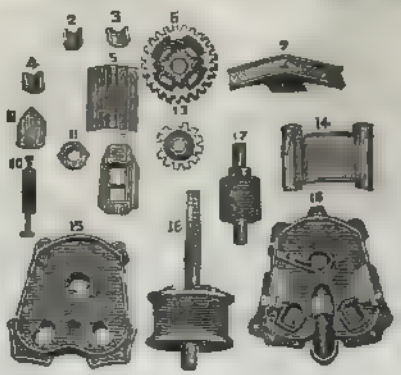
DIRECTIONS FOR OPERATING

The circle where the horse walks should be level, the sweep 12 to 13 feet from the center of the mill and extend beyond to partially balance.

✚F. O. B. Ohio Factory Only.

CANE MILL REPAIRS

FOR BLUE GRASS CANE MILLS



For Mills, Nos. / Nos.		BG0 Each	BG1 Each
BG9T	Small Top Brass	✚$ 1 50	✚$ 1 50
BG9B	Small Bottom Brass	✚ 1 50	✚ 1 50
BG2	Small Bottom Box	✚ 1 20	✚ 1 35
BG3	Large Bottom Box	✚ 1 20	✚ 1 50
BG4	Small Top Box	✚ 1 20	✚ 1 35
BG5	End Plate, S. R.	✚ 3 00	✚ 3 96
BG6	Large Spur Wheel	✚ 9 90	✚ 10 65
BG7	Sweep Cap	✚ 9 90	✚ 13 80
BG8	Top Cap	✚ 66	✚ 78
BG1T	Large Top Brass	✚ 1 50	✚ 1 98
BG1B	Large Bottom Brass	✚ 1 50	✚ 1 98
BG10	Center Guide	✚ 1 50	✚ 1 98
BG11	Large Top Box	✚ 1 20	✚ 1 50
BG12	Feed Box	✚ 1 98	✚ 1 98
BG13	Small Spur Wheel	✚ 6 00	✚ 1 95
BG14	End Plate, L. R.	✚ 3 96	✚ 4 65
BG15	Top Plate	✚ 19 80	✚ 23 90
BG16	Large Roll	✚ 52 80	✚ 69 40
BG17	Small Roll	✚ 25 60	✚ 31 65
BG18	Bottom Plate	✚ 25 60	✚ 29 70

For Mills, Nos. / Nos.		BG2 Each	BG3 Each	BG4 Each
BG9T	Small Top Brass	✚$ 1 98	✚$ 1 98	✚$ 2 40
BG9B	Small Bot. Brass	✚ 1 98	✚ 1 98	✚ 2 40
BG2	Small Bottom Box	✚ 2 40	✚ 2 40	✚ 3 00
BG3	Large Bottom Box	✚ 2 40	✚ 2 40	✚ 3 00
BG4	Small Top Box	✚ 2 40	✚ 2 40	✚ 3 00
BG5	End Plate, S. R.	✚ 6 00	✚ 6 00	✚ 9 00
BG6	Large Spur Wheel	✚ 11 85	✚ 17 85	✚ 21 75
BG7	Sweep Cap	✚ 18 00	✚ 19 80	✚ 25 80
BG8	Top Cap	✚ 81	✚ 81	✚ 81
BG1T	Large Top Brass	✚ 2 40	✚ 2 40	✚ 2 70
BG1B	Large Bot. Brass	✚ 2 40	✚ 2 40	✚ 2 70
BG10	Center Guide	✚ 3 00	✚ 3 00	✚ 3 00
BG11	Large Top Box	✚ 2 40	✚ 2 40	✚ 3 00
BG12	Feed Box	✚ 3 00	✚ 3 96	✚ 4 95
BG13	Small Spur Wheel	✚ 9 00	✚ 9 90	✚ 11 85
BG14	End Plate, L. R.	✚ 7 95	✚ 11 85	✚ 11 85
BG15	Top Plate	✚ 39 60	✚ 47 55	✚ 63 30
BG16	Large Roll	✚ 90 75	✚118 80	✚168 40
BG17	Small Roll	✚ 47 55	✚ 57 75	✚ 79 20
BG18	Bottom Plate	✚ 53 40	✚ 65 50	✚ 71 25

✚F. O. B. Ohio Factory Only.

JACKS

REES

No. 21A for tractor and tank use. It is of exceptionally rugged construction. Equipped with ratchet and step.

NO.	Cap. Ton	Ht. In.	Raise In.	lb Each	EACH
21A	10	14¾	9	46	$37.00

No. 25A is a heavy duty jack, for factories, foundries and general repair work. Equipped with ratchet and step.

NO.	Cap. Ton	Ht. In.	Raise In.	lb Each	EACH
25A	10	24	16	66	$60.00

Packed as wanted.

Simple, sturdy and compact. Powerful, telescoping screws and a special high grade ball bearing do the work. Complete with folding, crank-type handle long enough to clear all obstructions.

NO.	Cap. Ton	Ht. In.	Raise In	lb Ea.	EACH
110	1½	6¼	8¾	8	$6.10

WALKER

625 80 605

All steel with cut steel rack and malleable lifting pawls; parts solidly riveted. Short stroke, easy lift. Suitable for medium and lightweight cars. Finish black enamel.

NO	Cap. Ton	Ht. In.	Raise In.	lb Each	EACH
625	¾	10	6	4½	$1.15

All parts steel except malleable pawls. Short easy lift and having extension cap. Adapted to handle Ford and other light cars having balloon tires. Finish black enamel.

NO.	Cap. Ton	Ht. In.	Cap In.	Raise In.	lb Each	EACH
80	¾	8¼	2	5	4¾	$1.25

One in a box.

Designed for the new Ford. The flip cap makes this jack suitable for Fords having either balloon or high pressure tires. The channel rack and full length guide in frame makes rigid construction. Baked enamel to prevent rust. Cap extension, 2 inches.

NO.	Cap Ton	Ht. In.	Raise In	lb Each	EACH
605	¾	8¾	5¾	5	$1.50

One in a box.

No. 601 for medium weight cars. Handles both balloon and high pressure tires. Has a foot lift that gets right down to the ground and with the regular cap provides ample range for higher lifting points; 15¾ in. handle.

NO	Cap.	Hgt.	Raise Lbs. Ea.	EACH
601	1 ton	10¾"	6¼" 6¼	$2.60

No. 616A for heavy cars and light trucks. Walls, base and cap of heavy gauge steel. The rack bar of carbon steel with milled teeth. Pawls and bearing pins built oversize; 24 in. handle.

NO.	Cap.	Hgt.	Raise Lbs. Ea.	EACH
616A	1½ ton	9¾"	6¾" 9	$3.00

L JACKS

DOUBLE EXTENSION SCREW TYPE

41" Folding Handle—Walker

No. 330 and No. 340 are designed for light weight cars with balloon tires. Long handles clear bumpers and make positioning easy. Malleable iron standard, gear and pinion provide sturdy construction. Hardened steel cap insures firm contact at lifting point and ball bearings make lifting easy. Black enamel finish.

NO.	Ht. In.	Raise In.	Cap. Ton	Dia. Screw In.	lb Ea.	EACH
330	5⅞	7⅜	1	1⅛-⅜	4¾	$1.90
340	7	10	1	1⅛-⅜	5¼	2.00

41" Folding Crank Handle

The 515 Walker Jack meets the constantly increasing demand for a double extension screw jack for light cars equipped with balloon tires. The convenience of the long handle in placing the jack under the car, the ease in lifting due to the ball bearings, and the range provided by the double extension makes No. 515 adaptable for smaller cars. Weight each, 7½ lbs.

NO.	Ht. In.	Raise In.	Cap. Ton	Dia. Screw In.	EACH
515	7⅛	8⅛	1	1⅛-⅜	$4.00

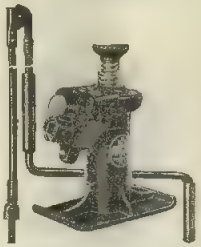
SINGLE SCREW TYPE

15" Handle—Walker

Thousands of drivers of speed wagons and small trucks swear by the No. 216B. They like the easy action and steady lift that the single screw with one-to-one gear ratio provides. Handle is just the right length and the broad base gives sure footing on any kind of road surface. Precisely machined wearing surfaces and sturdy all 'round construction. Weight each, 8 lbs.

NO.	Ht. In.	Raise In.	Cap. Ton	Dia. Screw In.	EACH
216B	10	6	2½	1	$4.60

DOUBLE EXTENSION SCREW TYPE



47" Folding Handle—Walker

Recognized as the finest double extension-screw jack made. Virtually no effort is required to operate it under the largest cars.

No. 525 can be positioned under axle or spring clip instantly. The skid base aids securing a firm foundation on gravel or dirt. Double reduction gear drive is completely enclosed and packed in grease. Ball bearings give still greater ease of operation.

Gears are of best malleable, screws are cut from steel bars, the smaller one being vanadium steel; cap is milled steel, case hardened. The saddle type cap is made to fit securely under spring clips and has sharp heat-treated teeth to grab the axle in case the lift is made from that point.

To bring jack to proper lifting height, inner screw may be raised quickly by turning cap with fingers. Outer screw may be raised or lowered with knurled knob. Long turning type handle with turning hand grips is ample to get past bumpers and the obstructions and permit operator to make lift comfortably from a standing position. Semi-universal joints give greater flexibility and clearance. Handle folds for storage in tool box or under seat.

Beautifully balanced and of the sturdiest construction and finest quality throughout. Weight each, 12 lbs.

NO.	Ht. In.	Raise In.	Cap. Ton	Dia. Screw In.	EACH
525	7⅛	8⅛	1½	1⅛-⅜	$6.60

A double screw aluminum cased jack. Light, compact. Will lift weight of any passenger car or light truck.

NO.	Cap. Ton	Ht. In.	Raise In.	lb. Ea.	EACH
27	3	7⅛	8⅛	9	$5.00

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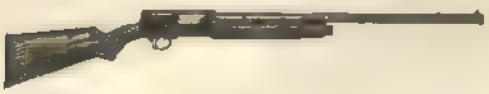
200 FIFTH AVENUE NEW YORK

AUTO-LOADING SHOT GUNS

REMINGTON

NO. 11A STANDARD GRADE

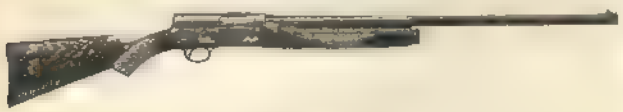


12 Gauge.

12 Gauge. 30 or 32 inch Remington steel barrel, full choke chambered for 2¾ inch shells. Fore-end and stock of finest American dark walnut, elaborately checked, with grip, properly shaped to give adequate support to the hand. Top of receiver matted. Regular stock dimensions, 14 inches long, 2½ inches drop at heel, 1⅝ inches drop at comb. Magazine holds four shells which with one in chamber gives five shots without reloading. Wt. about 7¾ lbs. Length take down 32½ inches with 30 inch barrel.....Each $56 75

12 Gauge with raised solid rib. 30 or 32 inch barrel, otherwise same as above. Wt. ea. 7¾ lbs. ....Each $65 05

NO. 11A STANDARD GRADE



20 Gauge.

20 Gauge. 28 inch Remington steel barrell, full choke; chambered for 2¾ inch shell; will also shoot the 2½ in shell; forend and stock of finest American dark walnut, elaborately checked; with grip, properly shaped to give adequate support to the hand; top of receiver matted Regular standard dimensions of stock: 14 inches long, 2½ inch drop at heel, 1⅝ inch drop at comb; half pistol grip. Magazine holds four shells, which, with one in chamber, gives five shots without reloading. Wt. about 6¾ lbs. ..... Each $56 75

20 Gauge with Raised Solid Rib. 28 inch barrel, otherwise same as above. ... .Each $65 05

NO. 11C TRAP GRADE

12 and 20 Gauge.

***12 Gauge.** 30 or 32 inch Remington steel barrel with solid raised rib barrel, full choke; straight grip stock and forearm of selected imported walnut and neatly checkered; regular stock dimensions: 14¼ inches long, drop at heel 2¼ inches and drop at comb 1½ inches; otherwise same as No. 11A standard. Wt. each, 7¾ lbs.....Each $92 65

***20 Gauge.** 28 inch Remington steel barrel with raised rirb barrel, full choke; straight grip stock and forearm of selected imported walnut and neatly checkered; regular stock dimensions: 14¼ inches long, drop at heel 2¼ inches, and drop at comb 1½ inches; otherwise same as No. 11A standard. Wt. ea. about 6½ lbs. .....Each $92 65

NOTE: Models 11A and 11C guns can be furnished with modified choke or cylinder bore barrels or barrel 26 inches long in 12 or 20 gauge or 32 inches long in 12 gauge, without extra charge; any other lengths or drop of stock are made to order at an advance price requiring six to eight weeks for delivery. These variations are for shipment from factory only.

AUTO-LOADING SHOT GUNS

BROWNING

12 and 16 Gauge

12 Gauge—No. 1 grade, 30 or 32 in. Cockerill steel barrel of highest tensil strength, full choke. Matted receiver. Engl sh. walnut stock and fore end; all stocks and fore-ends checkered. Stock half pistol grip, length, 14¼ inches, drop at heel, 2¼ inches; at comb, 1¾ inches. Improved safety, pushed to safe position from outside trigger guard. Magazine cut-off which permits loaded shell in chamber to be ejected without disturbing shells in magazine. Barrel ring guide forged in one piece with barrel. Double extraction. Wt., about 7¾ lbs.

16 Gauge—No. 1 grade. Same general description as above, except standard barrel in 28 or 30 inch, full choke. *Modified choke or cylinder bore barrels furnished in 26 inch. Stock dimensions same as 12 gauge. Wt., about 7 lbs.

No. 1 Grade—12 Gauge Plain.....Each **$61 00**
No. 1 Grade—16 Gauge Plain .....Each **65 50**

No. 1 Grade—12 Gauge with Rib.....Each **70 25**
No. 1 Grade—16 Gauge with Rib .....Each **74 75**

No. 2 Grade—12 Gauge with Rib. .....Each **$85 25**
No. 2 Grade—16 Gauge with Rib .....Each **89 75**

AUTOMATIC RIFLES

WINCHESTER

MODEL 03

.22 Caliber, Automatic

Model 03. 20 inch round barrel; ten shot automatic, hammerless, take down, using .22 caliber Winchester automatic cartridge; no other size of .22 caliber cartridge can be used in this rifle; head front and open rear sights; stock is 13 3/16 inches long, drop at comb 1 11/16 inches and drop at heel 2 15/16 inches. Wt. ea., 5¾ lbs. .....Each $32 00

SELF-LOADING RIFLES

WINCHESTER

MODEL 07

.351 Caliber

Model 07. 20 inch round nickel steel barrel; magazine capacity, five cartridges; take down, hammerless; equipped with sporting blade front and sporting rear sights; pistol grip stock with composition rubber, shot gun butt plate, is 14 inches long and has a drop of 1 11/16 inches at the comb and 2 9/16 inches at the heel. Wt. ea., 7¾ lbs. ....Each $55 50

Extra Magazines, Holding 5 Cartridges.....Each 2 50
***Extra Magazines, Holding 10 Cartridges**.....Each 4 00

*For factory shipment only.

REPEATING SHOT GUNS

REMINGTON

NO. 29A. STANDARD GRADE.

12 Gauge.

12 Gauge. 30 or 32 inch Remington steel barrel, full choke; chambered for 2¾ inch shells; checkered half pistol grip stock and fore-arm of American walnut; regular dimensions of stock, 13¾ inches long, drop at comb 1⅝ inches, and drop at heel 2¾ inches; top of receiver matted. The magazine holds five shells which, with one in chamber, makes it a six-shot gun. Wt. ea. 7½ lbs. .....Each **$49 30**

12 Gauge, with raised solid rib. 30 or 32 inch barrel Wt. ea., 7⅝ lbs. .....Each **$57 60**

NO. 29S TRAP SPECIAL GRADE. MATTED BARREL

12 Gauge

***12 Gauge.** 30 or 32 inch, Remington steel full choke barrel. A six-shot repeater designed especially for trapshooting purposes. The stock and fore-arm are American walnut, the stock being furnished in but one dimension, which is 14 inches in length, drop 2 inches at heel, and 1½ inches at comb; straight grip, checked. The majority of trapshooters have found these dimensions to be the best adapted for trapshooting purposes; top of receiver matted. The top surface of barrel is neatly matted its entire length, which prevents the reflection of light that might interfere with the shooter's sighting. Wt. ea. about 7½ lbs. Ea. **$58 60**

***12 Gauge with raised solid rib.** 30 inch barrel otherwise same as above. Wt. each, 7¾ lbs.....Each **$66 90**

NO. 29TA STANDARD GRADE. WITH VENTILATED RIB

12 Gauge. 30 or 32 inch Remington steel ventilated ribbed barrel; full choke, special long fore-end (not extension type). Soft rubber recoil pad. Checkered stock and fore-end of dark American walnut, Standard stock dimensions, 14 inches long overall, 1⅜ inches drop at heel and 1½ inches drop at comb. Half pistol grip. Wt. about 8½ lbs .....Each **$160 00**

NOTE. The above Nos. 29A, 29S and 29TA guns can be furnished with modified choke or cylinder bore barrel and also 26 or 28 inch barrel without extra charge. Any other length or drop of stock is made to order only, at an advanced price, requiring five to eight weeks for delivery. These variations are for shipment from factory only.

REPEATING SHOT GUNS

REMINGTON

NO. 29TC. TARGET GRADE, WITH VENTILATED RIB

12 Gauge

***12 Gauge.** 30 inch steel barrel, raised matted ventilated rib, full choke; straight grip stock and fore-arm of imported walnut, oil finish; standard dimensions of stock: 14 inches long, 2 inches drop at heel and 1½ inches drop at comb; neatly checked. Soft rubber recoil pad. Long extension type forend nicely checked. Otherwise same as No. 29A standard grade. Wt. each, 7¾ lbs.....Each **$140 00**

NOTE. The No. 29TC Target Grade gun can be furnished with modified choke or cylinder bore barrel, half or pistol grip stock, drops from 1¼ inches to 3¼ inches at heel and 1¼ inches to 1¾ inches at comb, and lengths from 13½ inches to 15 inches, without extra charge. Stocks of dimensions outside of these limits or with castoff Monte Carlo type subject to additional charges. These variations are for shipment from factory only.

NO. 17A. HAMMERLESS TAKE DOWN STANDARD GRADE

20 Gauge

20 Gauge. 28-inch barrel; solid breech; hammerless; take down; chambered for 2¾ inch shell. Checkered grip and fore-arm of American Walnut; pistol grip. Has all the popular features of the No. 29, 12 Gauge. Length of stock, 13¾ inches; drop at heel, 2⅛ inches; drop at comb, 1⅝ inches. Wt. ea. about 5½ lbs. .....Each **$49 30**

20 Gauge with raised solid rib. 28 inch barrel, otherwise same as above. Wt. ea., 5¾ lbs. .....Each **$57 60**

NOTE. The No. 17A gun can be furnished with modified choke or cylinder bore barrel without extra charge. Any other length or drop of stock made to order at an additional charge. These variations are for shipment from factory

MARLIN

HAMMER TAKE DOWN

410 Gauge. 26 inch barrel; shoots new 2½ inch loads in addition to the 2 inch length and also round ball. 5 shots. Black walnut pistol grip buttstock and large forearm that fits the hand. Hard rubber buttplate. Wt. ea. about 6 lbs. .....Each **$30 80**

*For factory shipment only.

SHOT GUNS

MARLIN REPEATING

Model 42A, Take-Down, Hammer, Six Shot.

Solid top receiver; closed in breech bolt that sheds all the rain, snow and sleet, side ejection; double extractors; automatic safety device; compensating device, barrel always fits tight on receiver.

Barrel—Special rolled steel, matted; chambered to handle both 2¾ and 2⅝ inch shells.

Stock—Black walnut, pistol grip butt-stock and action slide handle; hard rubber butt-plate; length butt-stock 13½ inches; drop at comb 2 inches; drop at heel 2½ inches. Weight about 7½ lbs.

	Each
No. 42-30—12 gauge; 30 in. barrel, full choke	$102 30
No. 42-32—12 gauge; 32 in. barrel, full choke	102 30
No. 42-28—12 gauge; 28 in. barrel, modified choke	102 30
No. 42-26—12 gauge; 26 in. barrel, cylinder bore	102 00

One in cardboard box; ten in wood case.

STEVENS REPEATING

Field Grade.

Take Down, Hammerless, Pump Action, Six Shot.

Receiver—Drop forged, solid breech.

Barrel—High pressure compressed steel, full choke modified or cylinder bore.

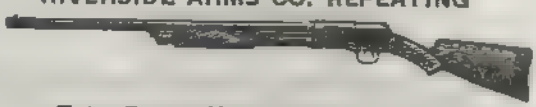
Action—Hammerless, visible locking bolt, safety firing pin, independent safety, side ejection.

Stock—Checkered walnut, pistol grip, checkered slide handle, rubber butt plate, length 13¾ inches, drop 2¾ inches.

	Each
No. 620—12 gauge, 30 in barrel; wt each 7¾ lbs.	$94 50
No. 620-16—16 gauge, 28 in. barre.; wt each 7½ lbs	94 50

One in cardboard box; five in case.

RIVERSIDE ARMS CO. REPEATING



Take Down, Hammerless, Six Shot.

Take down feature is simple, and gun can be taken apart and put together in eight seconds. Can be fired without clogging as fast as it is possible for a shooter to work the slide handle. In opening the gun, the firing pin is drawn back and locked and stays locked until it is closed. Hammer cannot possibly touch firing pin until action is completely closed and locked.

Receiver—Solid drop forging, same finish as the barrel. Fitted with extra long tangs, and gives strength to the stock at the weakest point. Shells are ejected from the side.

Barrel—Stevens high pressure compressed steel, finished black oxide, which gives it a beautiful and permanent coloring. Full choke bored.

Stock—Plain walnut, with pistol grip, checkered; rubber butt plate, checkered forearm; length of stock 13½ inches; drop 2¾ inches at heel and 1⅝ inches at comb.

Can furnish in cylinder modified and full choke bored.

	Each
No. 520—12 gauge, 26, 28, 30 or 32 in. barrel	$97 50

Wrapped separately in paper; ten in case, wt each 7¾ lbs.

SHOT GUNS

BROWNING AUTOMATIC

Combines all the good features to be found in any gun. Improved safety, magazine cut-out, double extraction and light weight. A simple movement locks the cartridges in the magazine, permitting the cartridges in the chamber to be ejected without disturbing the others.

Double extractors insure positive extraction and feed. Barrel guide ring forged in one piece with the barrel.

No. 1 Grade, Six Shot.

Barrel—Special cockerill steel of unusual high tensil strength.

Half pistol grip, length 14¼ inches, drop at heel 2¼ inches, at comb 1¾ inches.

Matted receiver, English walnut stock and fore-end.

12 Gauge.

	Each
No. BA12F—30 and 32 in. barrel, full choke; wt each 8 lbs	$153 75
No. BA12M—28 in. barrel, modified choke; wt each 8 lbs	153 75
No. BA12C—28 in. barrel, cylinder bore; wt each 8 lbs	153 75
Extra barrel for 12 gauge	+69 75

16 Gauge.

No. BA16F—28 in. barrel, full choke; wt each 7 lbs	185 85
No. BA16M—26 in. barrel, modified choke, wt each 7 lbs	185 85
No. BA16C 26 in barrel, cylinder bored, wt each 7 lbs	185 85
Extra barrel for 16 gauge	+69 75
No. BA16RC—Same as No. BA16C, except has matted rib	216 00
No. BA16RM—Same as No. BA16M except has matted rib	216 00
No. BA16RF—Same as No. BA16F except has matted rib	216 00
No. BAI16—Same as No. BA16C, except it has two interchangeable barrels, viz; one 26 in. cylinder bore and one 28 in. full choke	255 60
No. BAI16R—Same as No. BAI16 except has matted rib	313 35

Ten in wood case, wrapped separately in paper.

Factory will not furnish any length or boring other than those mentioned above.

+F. O. B. Utah Factory Only.

SHOT GUNS

REMINGTON AUTO-LOADING

They combine all the good features to be found in any gun and more; they are a hammerless, auto-loading, ejector, repeating gun. After a shot has been fired, the recoil opens the breech, ejects the empty shell, inserts a new one, cocks the hammer, closes and locks the breech and leaves the arm ready to be fired again by simply pressing the trigger. The receiver is solid on top and finely matted. The breech bolt does not slide out, nor is there any kind of opening in the rear.

Full choke barrel will shoot 70% of the load or over in a 30 inch circle at 40 yards.

Model No. 11, Take Down, Solid Breech, Hammerless, Standard Five Shot.

Barrel—Remington steel, full choke, modified or cylinder bore.

Stock—American walnut, with half pistol grip, checkered fore arm and grip; rubber butt plate; length of stock 14 inches; drop 2½ inches at heel and 1⅝ inches at comb. Extra charge for any variations from these dimensions.

When ordering, specify length of barrel.

	Each
No. 11A-30—12 gauge, 30 in barrel; wt about 8 lbs	$149 85
No. 11A-32—12 gauge; 32 in. full choke barrel; wt each about 8 lbs	149 85
No. 11A—12 gauge, 26 or 28 in. barrel; wt about 7¾ lbs	149 85
Extra Barrels for above gun	✦51 90
No. 11A1—Same as No. 11A, except it has two interchangeable barrels, viz.: one 26 in. cylinder bore and one 28 in. full choke	201 75
No. 11A-MR—Same as No. 11A, except has matted rib, furnished in 28 in. modified or full choke only	171 60
No. 11A1-MR—Same as No. 11A, except it has two matted rib interchangeable barrels, viz: one 26 in. cylinder bore and one 28 in. full choke.	245 49

Ten in wood case.

Riot Grade.

For express messengers, guards, banks, or home protection, street disturbances, etc., no small arm is so effective as this gun loaded with buckshot; 20 inch cylinder bore barrel, otherwise same as No. 11R.

	Each
No. 11R—12 gauge, 20 in. barrel, wt 7½ lbs	✦$149 85

Ten in wood case.

Fore Ends.

	Each
No. V39—Checkered fore end for No. 11A Remington Shot Guns	$7 95

✦F. O. B. New York Factory Only.

SHOT GUNS

REMINGTON AUTO-LOADING

Hammerless, Take Down, Model No. 11, Five Shot. Special Grade.

Barrel—Remington steel; full choke, modified or cylinder bore.

Stock—Selected English walnut; checkered; half pistol grip; walnut fore-arm; rubber butt plate.

Length of stock, 14 inches; drop 2½ inches at heel, and 1⅝ inches at comb. Extra charge for any variations from these dimensions.

When ordering, specify length of barrel, and style of boring desired.

	Each
No. 11B—12 gauge, 26, 28, 30 or 32 in. barrel; wt 7 ¾ lbs	✦$222 66
Extra Barrels for No. 11B gun	✦ 51 90

Ten in wood case.

Hammerless, Take Down, Model No. 11, Five Shot Trap Grade.

Barrel—Remington steel; full choke, modified or cylinder bore.

Stock—Selected English walnut; checkered; straight grip; walnut fore-arm; rubber butt plate; length of stock 14¼ inches; drop 2¼ inches at heel, and 1½ inches at comb. Extra charge for any variations from these dimensions.

	Each
No. 11C—12 gauge, 26, 28, 30 or 32 in. barrel; wt 7¾ lbs	✦$222 66
Extra Barrels for No. 11C gun	✦ 51 90

Ten in wood case.

EXTRAS

For Remington Model No. 11 Auto-Loading Shot Guns.

In all cases, extra barrels must be fitted at the factory.

When ordering extra barrels for guns already in use, the complete gun, including the old barrel, must be returned to the factory, so that both barrels may be made to interchange on the same receiver.

	Each
***Solid Ribbed** barrel, add to price of plain barrel Raised Ventilated Rib	✦$21 87 ✦ 38 65
Any length or drop of stock made to order at an advance of	39 72

*The solid ribbed barrel is particularly appreciated by shooters who have used a double gun and therefore are accustomed to a continuous line of sight. It also prevents the reflection of light on the top of the barrel from interfering with the shooter's sight. The barrel and rib are made in one solid piece, hence a rib can not be fitted to a plain barrel.

✦F. O. B. New York Factory Only.

REVOLVERS

HARRINGTON AND RICHARDSON

U. S.

Hammer.

Automatic shell ejection; center fire; double action; rubber stock.

22 Caliber, 5 Shot.

(Chambered for 22 short, 22 long and 22 long rifle cartridges.)

	Each
No. US223—Nickel plated, 3 in. barrel	$20 55
No. US0223—Blued, 3 in. barrel	20 55
No. US0225—Blued, 5 in. barrel	22 20

32 Caliber, 5 Shot.

Chambered for 32 S. & W. cartridges.

	Each
No. US323—Nickel plated, 3 in. barrel	$20 55
No. US325—Nickel plated, 5 in. barrel	22 20
No. US0323—Blued, 3 in. barrel	20 55
No. US0325—Blued, 5 in. barrel	22 20

38 Caliber, 5 Shot.

Chambered for 38 S. & W. cartridges.

	Each
No. US383—Nickel plated, 3 in. barrel	$20 55
No. US385—Nickel plated, 5 in. barrel	22 20
No. US0383—Blued, 3 in. barrel	20 55
No. US0385—Blued, 5 in. barrel	22 20

One in cardboard box.

Hammerless.

Automatic shell ejection; center fire; double action; rubber stocks; 3 inch barrel. **32 Caliber, 5 Shot.**

Chambered for 32 S. & W. cartridges.

	Each
No. US423—Nickel plated	$20 55
No. US0423—Blued	20 55

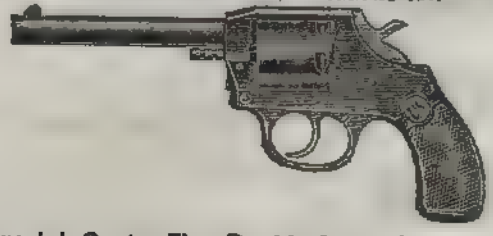
One in cardboard box; wt each 15 ozs.

38 Caliber, 5 Shot.

Chambered for 38 S. & W. cartridges.

	Each
No. US483—Nickel plated	$20 55
No. US0483—Blued	20 55

One in cardboard box; wt each 21 ozs.



32 Special, Center Fire, Double Action 6 Shot.

Hand ejection, quick, positive and smooth action. Solid frame. Hard rubber checkered grip. Chambered for regular 32 S. & W. also 32 S. & W. long cartridge.

	Each
No. US0324½ Blued finish 4½ in. barrel	$14 70

One in cardboard box; wt each 17½ ozs.

REVOLVERS

U. S.

Hammer.

Double action, solid frame; rubber handle; 2½ inch barrel.

22 Caliber, Rim Fire, 5 Shot.

Chambered for 22 short, 22 long and 22 long rifle cartridges.

	Each
No. US22—Nickel plated	$13 35
No. US022—Blued	13 35

32 Caliber, Center Fire, 5 Shot.

Chambered for 32 S. & W. cartridges.

	Each
No. US32—Nickel plated	$13 35
No. US032—Blued	13 35

38 Caliber, Center Fire, 5 Shot.

Chambered for 38 S. & W. cartridges.

	Each
No. US38—Nickel plated	$13 35
No. US038—Blued	13 35

One in cardboard box.

DERRINGERS

REMINGTON DOUBLE

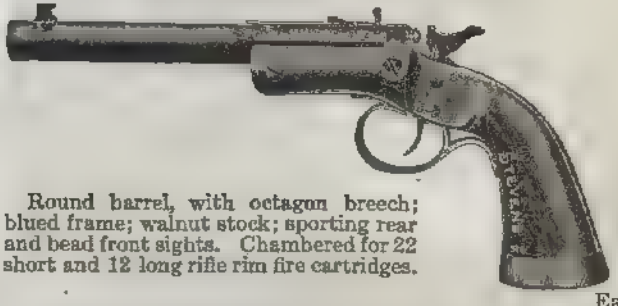
Double barrel; 2 shot. Chambered for 41 short rim fire cartridges.

	Each
No. 0241—Blued, rubber stock	$30 30

One in box; wt each 11 ozs.

TARGET PISTOLS

STEVEN'S OFF HAND MODEL



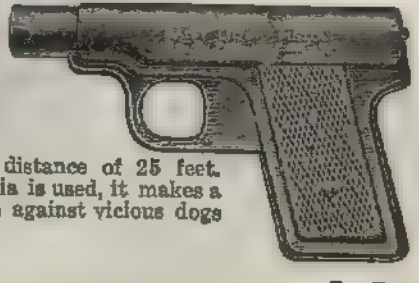
Round barrel, with octagon breech; blued frame; walnut stock; sporting rear and bead front sights. Chambered for 22 short and 12 long rifle rim fire cartridges.

	Each
No. 35-6—6 in barrel	$29 25
No. 35-8—8 in barrel	31 50

One in cardboard box; wt each 1½ lbs.

LIQUID PISTOLS

DAISY



Blued steel finish. Simple to load and discharge, no rubber bulb to get out of order.

Designed after the latest automatic pistol. Throws a fine stream of water a distance of 25 feet. When diluted ammonia is used, it makes a very effective weapon against vicious dogs or other animals.

	Per Doz
No. 8LP—Length 6½ ins; wt each 5½ ozs	$6 30

One in cardboard box; one gro in case.

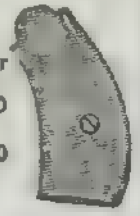
PEARL STOCKS

Pearl (properly speaking, Mother of Pearl) is cut from the inside of the shell. A portion of the pearl is yellow and a portion is blemished, balance fair to fine. We use for our pearl stocks only the best selected material, and for this reason our prices cannot be as low as you may find quoted on inferior grades. Our prices, however, are in keeping with the quality.

Per Pair

No. 10—For Remington derringers, 41 caliber; wt per pair 1 oz..... ✚$5 70

One pair in paper.



For Iver-Johnson revolvers.

Per Pair

No. 12—Fits 32 caliber, hammer and hammerless; wt per pair 1½ ozs..... $4 80

No. 13—Fits 38 caliber, hammer and hammerless; wt per pair 2 ozs..... 5 70

One pair in paper.

For Smith and Wesson revolvers.

Per Pair

No. 14½—Fits 22 caliber, hand ejection; wt per pair 1 oz..... $ 4 80

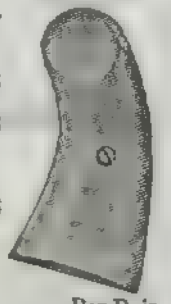
No. 15—Fits 32 caliber, New Departure hammerless; wt per pair 1½ ozs..... 4 95

No. 16—Fits 38 caliber New Departure hammerless and 32 caliber hand ejector, Model 1903; wt per pair 1¼ ozs..... 5 70

No. 17—Fits 32 and 38 caliber Military and Police, Model 1902; wt per pair 2¼ ozs..... 9 45

No. 17½—Fits 32 and 38 caliber Military and Police, Model 1905; wt per pair 2¾ ozs..... 12 75

One pair in paper.



Per Pair

No. 18—Fits Colt's New Police, Police Positive Special and Police Positive Target; wt per pair 2¼ ozs..... $13 95

No. 19—Fits 38 and 44 caliber Colt's Army Special; wt per pair 3¼ ozs..... 12 75

No. 20—Fits 45 caliber S. & W. Government 1917 model, military and police 1905 model, 44 caliber; wt per pair 3¼ ozs..... 13 95

One pair in paper.

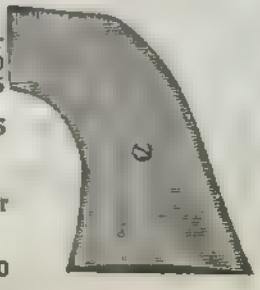
Per Pair

No. 21—Fits Colt's New Pocket Positive Revolver; wt per pair 1½ ozs..... $ 6 30

No. 22—Fits 32 and 38 caliber regulation police revolvers; wt, per pair 1¾ ozs..... ✚32 25

One pair in paper.

For Colt's Automatic.



Per Pair

No. 8—Fits 25 caliber..... $ 6 30

No. 9—Fits 32 caliber..... 11 25

No. 25—Fits Colts "New Service"..... ✚28 95

One pair in paper; wt per pair 3 ozs.

Extra Per Pair

Engraving—Steer head on Colt's pearl stocks listed above..... $18 00

✚F. O. B. New York Factory Only.

RIM FIRE CARTRIDGES

REMINGTON, KLEANBORE

Primed with a non-corrosive mixture, that prevents rust, corrosion and pitting in rifle barrels, will preserve the barrel accuracy for a life time even though the bore is not cleaned. The bore of rifle becomes actually rustless and stainless through the use of Remington Kleanbore cartridges.

BB Caps.

Adapted to Flobert and all 22 cal. rim fire single shot rifles; 20 grain lead bullet.

Per 1000

No. KBB Caps—Smokeless powder, round ball..... 6 75

100 in box, 10,000 in case; wt per case 45 lbs. *$3 50*

CB Caps.

No. SCS22 Stevens rifles, Flobert and all 22 cal. rim fire single shot rifles; black powder load, 1½ grains, with 29 grain lead bullet.

Per 1000

No. KCB—Black smokeless powder, conical ball..... 8 55

100 in box, 10,000 in case; wt per case 58 lbs. *$4 40*

Per 1000

No. 22KS—Short..... 8 46

Wt per 1000, 6 lbs. *$5 00*

No. 22KSHP—Hollow point short 10 59

Wt per 1000, 6 lbs. *5 50*

No. 22KL—Long..... 11 58

Wt per 1000, 6½ lbs. *6 00*

No. 22KLHP—Hollow point long 12 48

Wt per 1000, 6½ lbs. *6 50*

No. 22KLR—Long rifle..... 13 50

7 00

No. 22KEL—Extra long..... 22 56

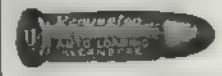
Wt per 1000, 8 lbs. *11 75*

No. 22KLRHP—Hollow point long rifle..... 14 61

Wt per 1000, 8 lbs. *7 60*

No. 22KLRLP—Long rifle Palma, Kleanbore..... 19 08

Wt per 1000, 8 lbs. *10 00*



No. 22KRA—Remington auto loading..... 22 56

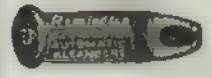
Wt per 1000, 10 lbs. *11 75*

No. 22KRAHP—Remington auto loading hollow point... 23 46

Wt per 1000, 10 lbs. *12 25*

No. 22KWA—Winchester auto loading..... 22 56

Wt per 1000, 10 lbs. *11 75*



No. 22KWAHP—Winchester auto loading hollow point... 23 46

Wt per 1000, 9 lbs. *12 25*

No. 22KW—Winchester R F Model 1890, solid bullet (Remington Special) 22 56

Wt per 1000, 9 lbs. *11 75*

RIFLES

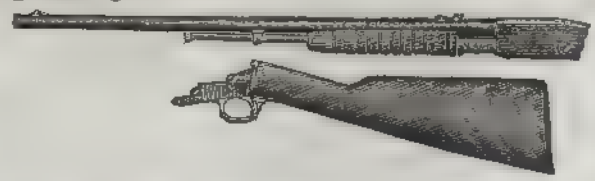
REMINGTON REPEATING

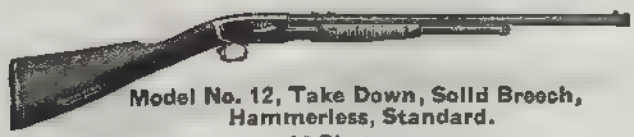
The Remington solid breech hammerless take down 22 caliber repeating rifle is the latest addition to the modern Remington idea. It is modeled after the lines of the Remington pump gun, which has established the reputation of having the most graceful lines of any repeating arm.

The action is strong and simple. The positive extraction and feeding of cartridges and the absolute locking of the action when cocked, together with other excellent features, places this rifle far in the lead.

Safety—The safety which is absolutely positive, is conveniently located just back of the trigger, and when set securely locks the trigger, thus preventing accidental discharge.

Side Ejector—The ejected shell is thrown out the side, away from shooter, and in no way interferes with the aim in rapid shooting. The ejector slot is of sufficient size to readily admit of single loading.





Model No. 12, Take Down, Solid Breech, Hammerless, Standard.

16 Shot.

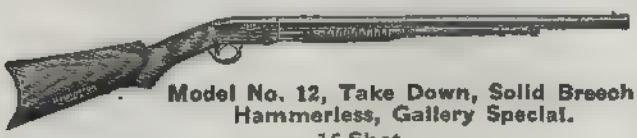
Remington steel, round barrel, 22 inches long, straight grip; walnut stock; fitted with rubber butt plate; weight 4½ lbs.

Chambered to take without any adjustment, 22 short, long and long rifle cartridges. Magazine capacity 15, 22 short, 12 long or 11 long rifle cartridges.

Each

No. 12A—22 caliber; shoots the following R. F. cartridges: **22 Shorts**, Nos. 22SL, 22SB, 22SSU, 22SSG, 22SSHP, 22SLHP; **22 Long**, Nos. 22LL, 22LB, 22LSU, 22LSG, 22LSUHP, 22LLHP; **22 Long Rifle**, Nos. 22LRL, 22LRS, 22LRSHP, 22LRLHP $52 35

Ten in wood case; wt per case about 65 lbs.



Model No. 12, Take Down, Solid Breech, Hammerless, Gallery Special.

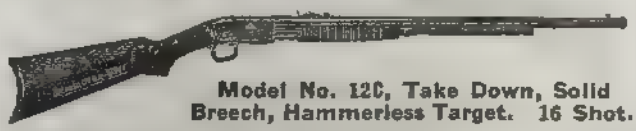
16 Shot.

Stock with half pistol grip; fitted with steel rifle butt plate. Weight 5½ lbs. Chambered for 22 short cartridges only. Magazine capacity 16 cartridges.

Each

No. 12B—22 caliber; shoots 22 shorts only, Nos. 22SL, 22SB, 22SSU, 22SSG, 22SSHP and 22SLHP $60 30

Ten in wood case; wt per case about 80 lbs.



Model No. 12C, Take Down, Solid Breech, Hammerless Target. 16 Shot.

Remington steel, octagon barrel 24 inches long; half pistol grip, walnut stock, fitted with steel rifle butt plate.

Chambered to take without any adjustment, 22 short, long and long rifle cartridges. Magazine capacity 16, 22 short, 12 long, or 11 long rifle cartridges. Weight 5½ lbs.

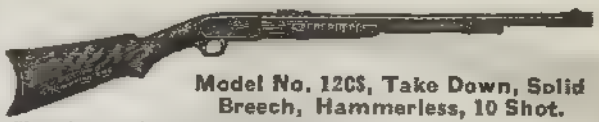
Each

No. 12C—22 caliber; shoots the following R. F. cartridges: **22 Short**, Nos. 22SL, 22SB, 22SSU, 22SSG, 22SSHP, 22SLHP; **22 Long**, Nos. 22LL, 22LB, 22LSU, 22LSG, 22LSUHP, 22LLHP; **22 Long Rifle**, Nos. 22LRL, 22LRS, 22LRSHP, 22LRLHP $60 30

Ten in wood case; wt per case about 80 lbs.

RIFLES

REMINGTON REPEATING



Model No. 12CS, Take Down, Solid Breech, Hammerless, 10 Shot.

Chambered for 22 Remington, special cartridge (22WRF) cartridges on account of the demand for a repeating rifle in this caliber. Wt 5½ lbs.

Remington steel, 24 inch, octagon barrel with 16 inch twist; half pistol grip, walnut stock fitted with steel rifle butt plate.

Each

No. 12CS—22 caliber; shoots Nos. 22WL and 22WSU cartridges only $60 30

Ten in wood case; wt per case about 80 lbs.

REMINGTON REPEATING

Model No. 25, Take Down, Solid Breech, Hammerless, Eleven Shot.

Action—Forearm slide fast, easy and positive.

Magazine—Capacity 10 cartridges loaded through a door on side, indicator shows whether loaded or empty.

Take Down—Quick to operate, strong and rigid when assembled.

Safety—Cross bolt type located in rear of trigger guard.

Barrel—Round special Remington steel 24 inches long; white metal bead front sight, step adjustable buckhorn rear.

Stock—American walnut, half pistol grip fitted with steel rifle butt plate.

Weight each 5½ lbs.

Each

No. 25A-25—25 caliber shoots Nos. 25-20 WMB, 25-20 WSMC, 25-20 WSSP, also 25-20 Remington high speed cartridges $79 05

No. 25A-32—32 caliber shoots Nos. 32-20 WMB, 32-20 WMSMC, 32-20 WMSSP also 32-20 Remington high speed cartridges 79 05

Ten in wood case; wt per case about 70 lbs.

REMINGTON REPEATING

High Power, Take Down, Solid Breech, Hammerless. Six Shot.

This rifle has the famous solid breech. A thick wall of solid steel between the firing chamber and the shooter's face, affording absolute protection against injury from blow-backs or defective ammunition, and also prevents dirt, snow and other foreign substances from entering the mechanism.

A new form of magazine is provided which holds the cartridges end to end, and at the same time absolutely prevents any bullet in the magazine from coming in contact with the primer of the next cartridge ahead.

Special ordnance steel round barrel, 22 inches long; patented quick adjustable No. 1 buck horn rear sight, and new design; white metal front sight; American walnut stock, with half pistol grip, fitted with rifle steel butt plate. Weight 6¾ lbs.

Each

No. 14A-25—25 caliber; shoots Nos. 25RMC and 25RSP center fire cartridges ..... †$117 00

No. 14A-30—30 caliber; shoots Nos. 30RMC and 30RSP center fire cartridges 117 00

No. 14A-32—32 caliber; shoots Nos. 32RMC and 32RSP center fire cartridges ..... †117 00

Ten in wood case; wt per case about 90 lbs.

†F. O. B. New York Factory Only.

RIFLES

REMINGTON REPEATING

Carbine, Model No. 14, Take Down, Hammerless. Six Shot.

Round steel barrel 18½ inches long; buckhorn adjustable slip rear sight, white metal bead front sight. American walnut stock, with straight grip, fitted with shot gun style steel butt plate. Weight 6½ lbs.

Each

No. 3014RC—30 caliber; shoots Nos. 30RMC and 30RSP center fire cartridges..... ✦$117 00

Ten in wood case; wt per case about 90 lbs.

REMINGTON AUTO LOADING REPEATING

Model No. 24—22 Caliber.

Take-Down, Solid Breech, Hammerless, Standard Grade, Sixteen Shot.

Has the hammerless, solid breech, take-down construction. The interrupted thread system of take-down is operated in a second's time and allows cleaning the barrel from the breech in the proper manner.

Safety-cross-bolt type, conveniently located in front portion of trigger guard for operation with trigger finger.

Magazine-capacity fifteen 22 short cartridges which are loaded by drawing magazine tube to rear and inserting cartridges in loading hole in side of stock. Bottom ejection.

Barrel-Round, Remington steel 19 inches long; adjustable straight bar rear sight and white metal bead front sight; receiver matted.

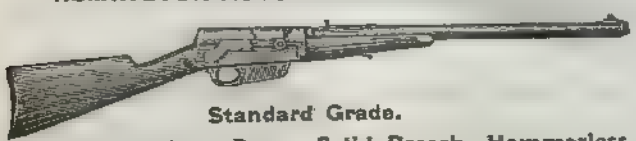
Stock-American Walnut, with half pistol grip; steel butt plate. Weight-about 4¾ lbs.

Each

No. 24A-22—Shoots 22 short rim fire cartridges..... $67 20
No. 24A-22LR—Shoots 22 long rifle cartridges..... 67 20

Ten in wood case; wt per case about 80 lbs.

REMINGTON AUTO-LOADING REPEATING



Standard Grade.

Model No. 8, Take Down, Solid Breech, Hammerless. Five Shots.

The breech is locked by a turning bolt which locks close up against the head of the cartridge, as in the latest designs of military rifles. This reduces the liability of breaking shells, when firing, to a minimum, and gives great strength and security. Furthermore, this locked breech allows the use of high power cartridges with perfect safety.

Special ordnance steel, round barrel, 22 inches long; straight grip, walnut stock, rifle style; steel butt plate; blued finish. Half pistol grip furnished to order; no additional cost. Weight about 7¾ lbs.

Each

No. 8A-25 -25 caliber; shoots Nos. 25RMC and 25RSP center fire cartridges..... ✦$153 45
No. 8A-30—30 caliber; shoots Nos. 30RMC and 30RSP center fire cartridges..... ✦ 153 45
No. 8A-32—32 caliber; shoots Nos. 32RMC and 32RSP center fire cartridges..... ✦ 153 45
No. 8A-35—35 caliber; shoots Nos. 35RMC and 35RSP center fire cartridges..... ✦ 153 45

Ten in wood case; wt per case about 110 lbs.

✦F. O. B. New York Factory Only.

RIFLES

REMINGTON SINGLE SHOT

No. 6 New Improved Model, Take Down.

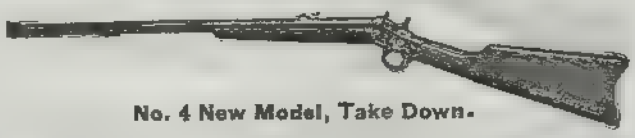
Decarbonized steel barrel, tapered; accurately bored and rifled; 20 inches long, frame of one solid piece of steel finely finished; coil springs that cannot break used throughout; genuine walnut stock and fore-end, rifle steel butt plate; barrel detached from stock by loosening thumb screw. Important safety feature rifle cannot be loaded unless hammer is at half cock or safe position. Cleaning rod with each rifle; weight each about 8½ lbs.

Each

No. 6-22—22 caliber; shoots the following R. F. cartridges: **22 Shorts,** Nos. 22SL, 22SB, 22SSU, 22SSG, 22SSHP, 22SLHP; **22 Longs,** Nos. 22LL, 22LB, 22LSU, 22LSG, 22LSUHP, 22LLHP; **22 Long Rifle,** Nos. 22LRL, 22LRS, 22LRSHP, 22LRLHP..... $14 55
No. 6-32—32 caliber; shoots the following R. F. cartridges: **32 Shorts,** No. 32S; **32 Longs,** No. 32L..... 14 55

Ten in wood case; wt per case about 55 lbs.

REMINGTON SINGLE SHOT



No. 4 New Model, Take Down.

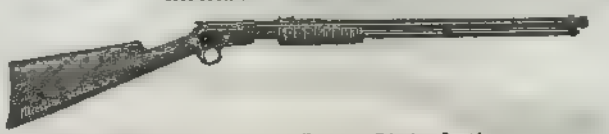
The features that specially recommend this rifle are the simplicity and durability of the action, extreme accuracy, take down round steel barrel and screw adjustment for elevating rear sight, tapered, carefully bored and rifled, genuine walnut stock and fore-arm, forged case hardened frame. Parts of mechanism forged steel; shot gun style butt plate; automatic shell ejector; new sporting rear sight. All parts are interchangeable. Length barrel, 22½ inches. Weight each about 4½ lbs.

Each

No. 4-22—22 caliber; shoots the following R. F. cartridges: **22 Shorts,** Nos. 22SL, 22SB, 22SSU, 22SSG, 22SSHP, 22SLHP; **22 Longs,** Nos. 22LL, 22LB, 22LSU, 22LSG, 22LSUHP, 22LLHP; **22 Long Rifle,** Nos. 22LRL, 22LRS, 22LRSHP, 22LRLHP..... $26 25
No. 4-25—25 caliber; shoots No. 25S and 25SS rim fire cartridges..... 26 25
No. 4-32—32 caliber; shoots the following R. F. cartridges: **32 Shorts,** No. 32S; **32 Longs,** No. 32L..... 26 25

Ten in wood case; wt per case about 60 lbs.

MARLIN REPEATING



Model No. 37, Take-Down Slide Action.

Handles without change or adjustment all 22 short, 22 long and 22 long rifle cartridges. Slide action; side ejection; solid top. Barrel and receiver blued finish; hardrubber butt plate. Barrel best quality gun barrel steel; ivory bead front and flat top Rocky Mountain rear sight. Walnut butt stock and action, slide handle; length barrel 24 inches.

Magazine capacity 15, 22 shorts, 12, 22 long or 10, 22 long rifle cartridges.

22 caliber; shoots R. F. cartridges; **22 shorts,** Nos. 22 SL, 22SB, 22SSU, 22SSG, 22SSHP, 22SLHP; **22 Longs,** Nos. 22LL, 22LB, 22LSU, 22LSG, 22LSUHP; 22LLHP; **22 Long Rifle,** Nos. 22LRL, 22LRS, 22LRSHP, 22LRHP.

Each

No. 37—24 in. round barrel..... $52 50

Ten in wood case; wt each 4 lbs.

REPEATING RIFLES

REMINGTON

MODEL 30 EXPRESS. BOLT ACTION

Chambered for .25, .30, .32 and .35 Remington Rimless and .30 Government Model 1906 Cartridges.

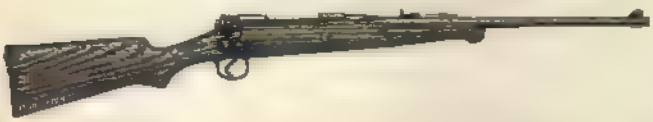
No. 30A Express. Latest Featherweight model. Springfield action, 22 inch high pressure tapered steel barrel, 6 cartridge capacity, 5 in magazine and 1 in chamber. Special American walnut checked stock and fore-end, with forged steel butt plate. Buckhorn sporting rear and gold bead front sight. Equipped with loops for sling strap. Wt. ea., about 7¼ lbs. .....Each $47 95

MODEL 30 EXPRESS. BOLT ACTION

Chambered for .30 Government Model 1906 Cartridge.

No. 30S. "Special" grade. Furnished only in 30/06 Springfield calibre; 24 inch barrel, special high comb stock; full pistol grip; shot gun steel butt plate; Lyman 48 Receiver Sight; gold bead front sight; no rear barrel sight. Wt. ea. about 7¾ lbs. .....Each $60 00

MODEL 30 EXPRESS CARBINE. BOLT ACTION



Chambered for .25, .30, .32 and .35 Remington Rimless and .30 Government Model 1906 Cartridges

No. 30R Express Carbine. 20 inch round barrel of ordnance steel; shotgun style steel butt plate horizontally grooved to prevent slipping. Otherwise same as No. 30 Express Rifle. Wt. ea. 7 lbs. .....Each $44 25

MODEL 14. SLIDE ACTION TAKE DOWN.

Chambered for .25, .30, .32 and .35 Remington Rimless Cartridges; Solid Breech; Hammerless.

No. 14A Standard. 22 inch ordnance steel barrel magazine holds five cartridges which, with one in chamber, gives a capacity of six shots without reloading; patented quick-adjustable straight bar rear sight and new design bead front sight; half pistol grip stock of American walnut, fitted with shot gun style steel butt plate. Wt. each, 6¾ lbs. .....Each $44 35

REPEATING RIFLES

REMINGTON

MODEL 25. SLIDE ACTION. TAKE DOWN

Chambered for .25-20 and .32 W. C. F. Cartridges. Solid Breech Hammerless.

No. 25A Standard. 24 inch round barrel, American walnut stock, half pistol grip, fitted with steel rifle butt plate. Magazine capacity, 10 cartridges; sights, white metal front and step adjustable; buckhorn rear. Wt. each, 6½ lbs. .....Each $29 95

MODEL 25. CARBINE. SLIDE ACTION. TAKE DOWN

Chambered for .25-20 and .32 WCF Cartridges

Solid Breech Hammerless

No. 25R Standard. 18 inch round barrel; straight stock fitted with steel butt plate. Otherwise same as No. 25A rifle. This Carbine makes an excellent arm for saddle and automatic use. Light, compact—quick and easy to handle Wt. ea. 5 lbs. .....Each $29 95

SAVAGE

MODEL 99. LEVER ACTION.

Calibers: .30-30 and .303

24 inch round medium weight "Hi-pressure" smokeless steel barrel; six shot; hammerless; varnished American walnut stock and forearm; straight grip; steel rifle butt plate; length of stock 13 inches, drop at comb 1⅝ inches and drop at heel 3 inches; raised ramp front sight base, white metal bead front sight and flat top sporting rear sight. Wt. each, 7¼ lbs.

Model A. Solid frame .....Each $41 00

MODEL 99. LEVER ACTION. CARBINE.

Calibers: .30-30 and .303

Model H—Carbine. 20 inch medium weight barrel. Special carbine stock and forearm. Wt. ea. 6½ lbs..Each $37 50

AUTO-LOADING RIFLES

REMINGTON

MODEL NO. 8. TAKE DOWN

Chambered for .25, .30, .32 and .35 Remington Rimless Cartridges; Solid Breech; Hammerless

No. 8A Standard. 22 inch ordnance steel barrel; straight grip stock of American walnut, fitted with shot gun style rubber butt plate; trigger pull exceptionally light; adjustable buckhorn step rear sight, special shaded steel bead front sight; five shots. Wt. ea., about 7¾ lbs..Each **$58 10**
Extra Clips .....Each **15**

*Half pistol grip stock made to order, no additional charge.

MODEL 24. TAKE DOWN

Made in Two Sizes

Calibers: .22 Short and .22 Long Rifle. Hammerless

No. 24A. 19 inch round steel barrel. The magazine of the .22 short caliber will hold 15 .22 short cartridges; the magazine of the .22 long rifle will hold 10 .22 long rifle cartridges. Half pistol grip stock of American walnut with steel butt plate; adjustable straight bar rear sight and white metal bead front sight. Wt. each, 4¾ lbs. Each **$25 45**

REPEATING RIFLES

WINCHESTER

MODEL 55. TAKE DOWN

Calibers: .25-35, .30 W. C. F. and .32 Winchester Special.

Model 55. 24 inch nickel steel round tapered barrel; magazine holds four cartridges and one in chamber, making five shots at the command of the shooter. Equipped with flat top sporting rear sight and Lyman gold bead front sight. Same action as Model 94 Rifle. Wt. each, 6¾ lbs. .....Each **$44 70**

MODEL 94. CARBINE

Calibers: .25-35, .30 W. C. F. and .32 Winchester Special

Model 94 Carbine. 20 inch round nickel steel barrel; full magazine; seven shots. Wt. ea. 6½ lbs. .....Each **$32 70**

*For factory shipment only.

REPEATING RIFLES

WINCHESTER

MODEL 53. SOLID FRAME

Calibers: .25-20 W. C. F. and .32 W. C. F. (.32-20)

Model 53. 22 inch nickel steel round taper barrel; magazine holds six cartridges and one in the chamber, giving the shooter seven shots at his command. Equipped with flat top sporting rear sight and Lyman gold bead. Same action as Model 92 Rifle. Wt. ea. about 6 lbs..Each **$33 45**

MODEL 92. CARBINE

Calibers: .25-20 W. C. F. and .32 W. C. F. (.32-20).

Model 92 Carbine. 20 inch round nickel steel barrel; full magazine; 12 shots. Wt. ea. 5¾ lbs. .....Each **$27 05**

MODEL 54. BOLT ACTION. SOLID FRAME

Calibers: .270 W.C.F., 30 W.C.F. and .30 Govt. Model 1906

Model 54. 24 inch round nickel steel barrel; magazine capacity, 5 cartridges; selected walnut stock with shot gun type steel butt plate; pistol grip and full fluted comb; Lyman gold bead front sight and Lyman folding leaf rear sight; swivel eyes for sling strap are attached. The bolt action is of the latest and most satisfactory construction. Length, 44¾ inches.. Wt. ea., 7¾ lbs. .....Each **$48 00**

MODEL 54 CARBINE. BOLT ACTION. SOLID FRAME

Calibers: .270 W.C.F., 30 W.C.F. and .30 Govt. Model 1906

Model 54 Carbine. 20 inch round nickel steel barrel; magazine capacity, 5 cartridges; one-piece selected walnut stock; plain pistol grip and fluted forearm; cross-ribbed carbine type steel butt plate; equipped with No. 26W Lyman gold bead front sight and No. 66W Lyman Carbine rear sight. The receiver has screw holes for attaching a No. 48W Lyman micrometer wind gauge receiver sight. The bolt action is of the latest and most satisfactory construction. Length 40 inches. Wt. ea., 7¼ lbs. .....Each **$45 05**

REMINGTON RIFLES

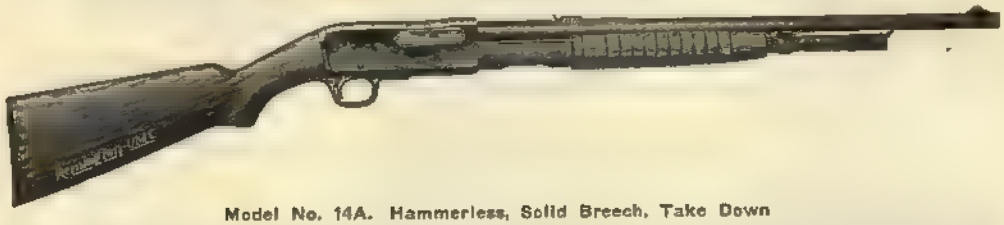
Model 30—The New Remington Bolt Action Express Rifle

Chambered for 25, 30, 32 and 35 Remington (Rimless) and 30-06 Springfield (Rimless) center fire cartridges, including the latest Hi-Speed and Express Mushroom types.

This new bolt action sporting rifle will appeal strongly to big game hunters the world over. For accuracy, construction, smooth action, perfect balance, light weight, attractive finish and appearance it has no equal. It wins favor with sportsmen on sight.

	Price
Specifications—22-inch "Ordnance" steel barrel; American walnut stock, checkered pistol grip and fore-end. Sights regularly furnished buckhorn adjustable rear sight with gold bead front sight. Magazine holds five cartridges. Weight, 7¼ pounds Length over all 42¾ inches	$ 47 95
Model 30 Bolt Action Carbine	44 25
Model 30 Special—24-inch barrel, .30-06 Cal. only	60 00

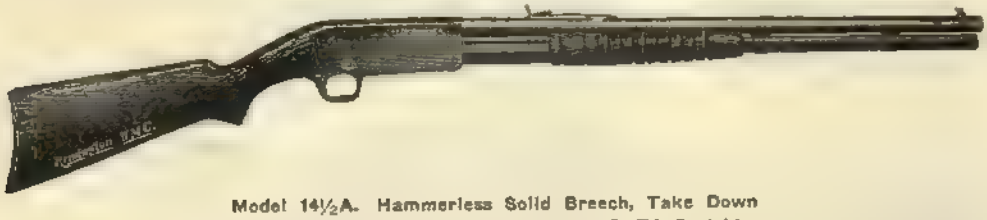
REMINGTON HIGH POWER PUMP ACTION REPEATING RIFLE



Model No. 14A. Hammerless, Solid Breech, Take Down

No. 14A Remington High Power Rifle, 25 Rem., 30 Rem., or 35 Rem., 22 in Special Ordnance Steel Barrel. Half Pistol Grip Stock of American Walnut, fitted with Rifle Style Steel Butt Plate, Step Adjustable Straight Bar Rear Sight and new design Copper Bead Front Sight	$ 44 35

Canvas Cover for Remington 14A—No. 65. See Page 143 for Description.



Model 14½A. Hammerless Solid Breech, Take Down
Chambered only for .44 Rem. (.44 W. C. F.) Cartridges

Specifications—Action similar to Model 14 Full length magazine contains eleven cartridges, which, with one in the chamber, gives a capacity of 12 shots without reloading; half magazine containing nine cartridges furnished on special order, no extra charge; 22½-inch Remington steel, round barrel; American walnut stock fitted with shotgun metal butt plate; half-pistol grip. Patented quick adjustable straight bar rear sight, and new design copper bead front sight. Weight about 7 lbs.	$ 39 95

Canvas Cover for Above Gun, No. 65. See Page 143 for Description.

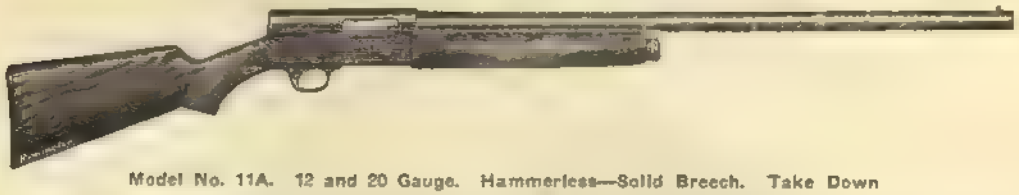
REMINGTON AUTO-LOADING REPEATING RIFLE

Take Down **Solid Breech** **Hammerless**

Model 8A—5 Shot

No. 8A. Standard Grade, 22 inch Barrel, Straight Grip, American Walnut Stock, Rifle Style Steel Butt Plate. Blued Finish. Weight about 7¾ pounds. Number of shots, 5. Adapted for 30-30 Rem., 32 Rem., 35 Rem., and 25-35 Central Fire Rimless Cartridges	$ 58 10

REMINGTON 12 AND 20 GAUGE AUTO-LOADING SHOTGUN



Model No. 11A. 12 and 20 Gauge. Hammerless—Solid Breech. Take Down

The Remington Autoloading Shot Gun is entirely automatic in its action excepting only that the trigger has to be pulled and released for each shot. All the operations opening the breech ejecting the empty shell, inserting a cartridge and cocking the hammer are performed by the recoil leaving the gun ready to be again fired as fast as the trigger can be released and pulled

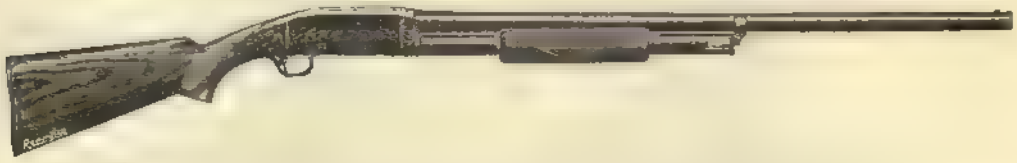
The magazine holds four cartridges, which with the one in the barrel, makes five shots at the shooter's command. Cartridges remaining in the magazine while any number of shots are fired do not become "headed" at the crimp so they will not enter the chamber freely.

Price

No. 11A. Standard Grade Remington Blued Steel Barrel, Five Shot, Repeater, American Walnut Pistol Grip Stock and Fore-end, Matted Receiver, Rubber Butt, 12 Gauge, 28 or 30 inch; 20 Gauge, 26 or 28 inch Stock dimensions: 14 inches long, 2½ inch drop at heel, 1⅝ inch drop at comb. Weight about 8 pounds..... $56 75

Canvas Cover for Above Gun, No. 75. See Page 143 for Description
Leather Case for Above Gun No 37 See Page 142 for Description

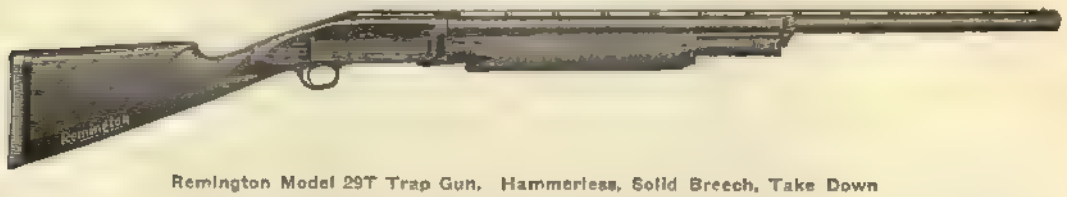
REMINGTON 12 GAUGE REPEATING HAMMERLESS SHOTGUNS



Remington Model 29A, Hammerless, Solid Breech, Take Down, Six Shot Repeater

Standard Grade Remington, Steel Barrel, Blued Finish, Walnut Half Pistol Grip Stock and Fore-Arm Checkered, Choke Bored, Rubber Butt Plate, Top of Receiver Matted to Prevent Reflection of Light. Stock Dimensions. 13¾ inches long, 2¾ inches drop at heel, 1⅝ inch drop at comb. 12 gauge only; 26, 28, 30 or 32 inch barrel $49 30

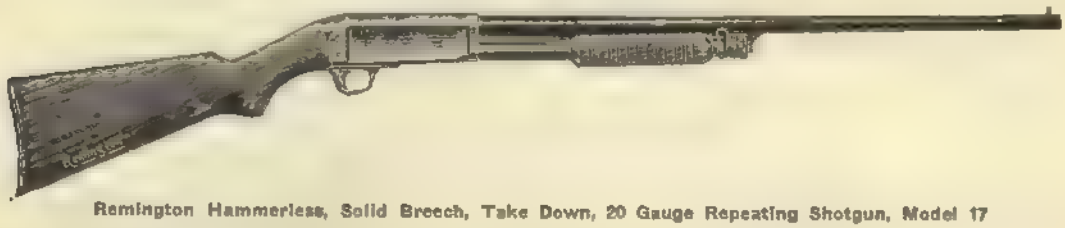
Canvas Cover for Above Gun, Nos. 27-28-29. See Page 143 for Description
Leather Cases, Nos. 31-32. See Page 142 for Description.



Remington Model 29T Trap Gun, Hammerless, Solid Breech, Take Down

Specifications—Six-shot repeater designed especially for trap shooting purposes; 26, 28, 30 or 32 inch Remington steel barrel, full choke, option of cylinder or modified with ventilated rib and extension slide action handle. STRAIGHT grip stock and forearm are of selected curly imported walnut and are neatly checkered; regular stock dimensions 14 inches long, drop 2 inches at heel and 1½ inches at comb. Only standard dimensions carried in stock. Will furnish made to order, without extra charge, lengths from 13½ inches to 15 inches, drops from 2 inches to 3¼ inches at the heel, and 1½ inches to 1¾ inches at comb. Stocks of dimensions outside these limits at an advanced list, requiring six to eight weeks..... $140 00

Canvas Cover for Above Gun, Nos. 27-28-29. See Page 143 for Description
Leather Cases, Nos. 31-32 See Page 142 for Description



Remington Hammerless, Solid Breech, Take Down, 20 Gauge Repeating Shotgun, Model 17

No. 17A. Standard Grade. Five shot repeater..... $49 30
Chambered for 2¾ inch shell, permitting use of powerful loads. If desired 2½ inch shell may also be used.

Canvas Cover for Above Gun, No. 75. See Page 143 for Description.
Leather Cases, Nos. 31-32. See Page 142 for Description.

Remington

RH 4

REMINGTON SHEATH KNIFE

Length Over all 7½ in. Blade Length 4½ in. Forged Blade, with Strong, Durable, Keen Cutting Edges; Set Ready for Immediate Use. American Bone Stag Handle. Sheath of Oak Tanned Leather with Snap Fastener Loop.

Weight, with Sheath, 4 oz.
Packed One in Box, ½ doz. in Carton.

RH 405

REMINGTON SHEATH KNIFE

Length Overall 10 in. Blade Length 5 in. Forged Blade, With Strong, Durable, Keen Cutting Edges; Set Ready for Immediate Use. Handle, Genuine Walnut, Shaped to fit the Hand, Securely Fastened to Blade with Three Nickel Silver Telescope Rivets, Thong Hole in Butt End. Sheath of Oak Tanned Leather with Snap Fastener Loop and Pocket Containing Carborundum Sharpening Stone.

Weight, with Sheath, 8 oz.
Packed One in Box, ½ doz. in Carton.

RH 28

REMINGTON SHEATH KNIFE

Length Overall 8½ in. Blade Length 4½ in. Blade and Tang One Solid Piece Steel Forging, With Strong Durable Keen Cutting Edges; Set Ready for Immediate Use. Handle, Engraved Solid Hard Rubber; Nickel Silver Thumb Guard; Hard, Cast Aluminum Cap. Handle Securely and Solidly Locked with Countersunk Brass Nut. Sheath of Oak Tanned Leather with Snap Fastener Loop.

Weight, with Sheath, 7 oz.
Packed One in Box, ½ doz. in Carton.

RH 32

REMINGTON SHEATH KNIFE

Length Overall 8½ in. Blade Length 4½ in. Blade and Tang One Solid Piece Steel Forging, With Strong Durable Keen Cutting Edges; Set Ready for Immediate Use. Handle, Leather, Colored Fibre and Brass Discs; Nickel Silver Thumb Guard; Hard, Cast Aluminum Cap. Handle Securely and Solidly Locked with Countersunk Brass Nut. Sheath of Oak Tanned Leather with Snap Fastener Loop.

Weight, with Sheath, 8 oz.
Packed One in Box, ½ doz. in Carton.

RH 33

REMINGTON SHEATH KNIFE

Length Overall 9 in. Blade Length 4½ in. Blade and Tang One Solid Piece Steel Forging, With Strong Durable Keen Cutting Edges; Set Ready for Immediate Use. Handle, Leather, Colored Fibre and Brass Discs; Nickel Silver Thumb Guard; Hard, Cast Aluminum Cap. Handle Securely and Solidly Locked with Countersunk Brass Nut. Sheath of Oak Tanned Leather with Snap Fastener Loop.

Weight, with Sheath, 10 oz.
Packed One in Box, ½ doz. in Carton.

RH 34

REMINGTON SHEATH KNIFE

Length Overall 9⅝ in. Blade Length 5 in. Blade and Tang One Solid Piece Steel Forging, With Strong Durable Keen Cutting Edges; Set Ready for Immediate Use. Handle, Leather, Colored Fibre and Brass Discs; Nickel Silver Thumb Guard; Hard, Cast Aluminum Cap. Handle Securely and Solidly Locked with Countersunk Brass Nut. Sheath of Oak Tanned Leather with Snap Fastener Loop.

Weight, with Sheath, 11 oz.
Packed One in Box, ½ doz. in Carton.

F ROBBINS & MYERS ELECTRIC FANS

A quality line of fans embodying the highest grade materials and workmanship.

Appearance:—Drawn steel frame, graceful, well balanced, flawless enameled finish.

Blades:—New design, giving maximum air displacement.

Guards:—Of heavy steel supported by four sturdy punched steel arms.

Base:—Is of wide diameter and covered with felt pad. Will not mar a polished surface nor tip over.

Finish:—Two coats of high gloss, black enamel, baked on.

Model 51—16-Inch

Non-oscillating, four steel blades. Single speed switch. Induction motor.

NO.	Volts	Current	Cycles	EACH
5104	110	A.C.	60	$10.00
5102	110	A.C.	50	10.00

Model 37—12-Inch

Alternating Current

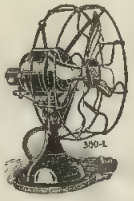
Non-oscillating

Adjustable to either desk or wall position. Four brass blades. Three speeds.

Speeds, R. P. M.

1	2	3
1550	1350	1100

NO.	Size	Volts	Current	EACH
4702	12 in.	110	50 cycle	$23.00
4704	12 in.	110	60 cycle	23.00



Model 46—16-Inch

Oscillating, four blades

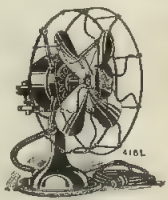
Brass

Positive oscillator, adjustable to either desk or wall position. Three speeds.

Speeds, R. P. M.

1	2	3
1850	1500	1100

NO.	Volts	Current	Cycles	EACH
4600	110	A. C.	50	$15 50
4612	110	A. C.	60	15.50



Model 38—12-Inch

Alternating Current

Oscillating type, adjustable to either desk or wall position. Four brass blades. Three speeds. Positive oscillators.

Speeds, R. P. M.

1	2	3
1550	1300	1100

NO.	Size	Volts	Current	EACH
5202	12 in.	110	50 cycle	$30.00
5204	12 in.	110	60 cycle	30.00

Model 38—16-Inch Fan

Speeds, R. P. M.

1	2	3
1500	1250	1075

NO.	Size	Volts	Current	EACH
5302	16 in.	110	50 cycle	$35.00
5304	16 in.	110	60 cycle	35.00

One in a case—Eight ft. of cord and plug with every fan.

NOTE:—Power service rendered by various California and Arizona Companies, showing Voltage and Cycles:

	Volts	Cycles
Pacific Gas & Electric Co., San Francisco	110	60
San Joaquin Light & Power Co., Fresno	110	60
Mt. Whitney Power Co., Visalia	110	60
Southern California Edison Co, Los Angeles	110	50
Bureau of Power & Light, Los Angeles	110	50
L. A. Gas & Electric Corp., Los Angeles	110	60
Southern Sierras Power Co., Riverside	110	60
Holton Power Co., (Imperial Valley)	110	60
Pacific Gas & Electric Co., Phoenix, Ariz.	110	60
Arizona Power Co., Prescott, Ariz.	110	60
Salt River Valley Water Users Assoc., Ariz.	110	25
San Diego Gas & Electric Co., San Diego	110	60

BILL POSTERS' HAMMERS

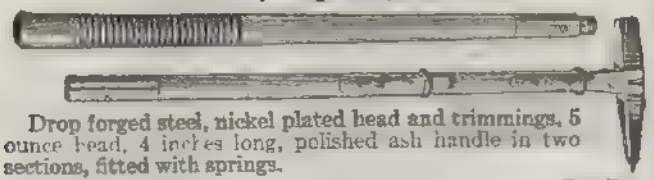
—BLUE GRASS—Magnetic.

Drop forged from one solid piece of extra quality tool steel; nickel plated, hardened face; plain eye; horse shoe pattern.

Nos.	BG35	BG38
Wt each, ozs	5	8
Length, ins	4	4½
Per Doz, without handles	$27 00	31 50

Half doz in cardboard box.

ROBERTSON, Magnetic, With Handle.



Drop forged steel, nickel plated head and trimmings, 5 ounce head, 4 inches long, polished ash handle in two sections, fitted with springs.

Per Doz

No. 502—Length over all 36 ins $90 00

Sixth doz in cardboard box; wt per doz 18 lbs.

Per Doz

No. 36H—Extra handles for above hammer; complete with springs, etc., also suitable for use with Nos. 35 and 38 hammer heads $37 50

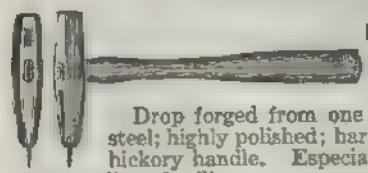
PAPER HANGERS' HAMMERS

—BLUE GRASS—Magnetic, With Handle.

Drop forged from one piece of extra quality tool steel; highly polished; hardened face, plain eye; horse shoe pattern; white hickory handle.

Nos.	BG45	BG48
Length of head, ins	4	4½
Weight head, ozs	5	8
Length over all, ins	11½	11½
Wt per doz, lbs	6	8¾
Per Doz	$28 50	33 00

Half doz in cardboard box.



ROBERTSON, Horseshoe Magnet, With Handle.

Drop forged from one piece of extra quality tool steel; highly polished; hardened face; plain eye; white hickory handle. Especially adapted for tacking canvas on walls and ceiling.

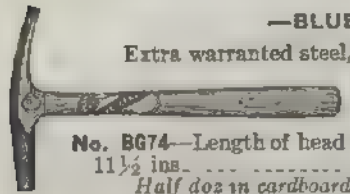
Per Doz

No. 1012—Length over all 12 ins; 4½ in head $102 00

⅙ doz in cardboard box; wt per doz 12 lbs

UPHOLSTERERS HAMMERS

—BLUE GRASS—



Extra warranted steel, drop forged, hardened face, tempered claws; highly polished; white hickory handles.

Per Doz

No. BG74—Length of head 5¾ ins; length over all 11½ ins $27 00

Half doz in cardboard box; wt per doz 7¼ lbs.

TACK HAMMERS

—BLUE GRASS—

Magnetic.

Drop forged from one piece of tool steel; hardened face; tempered claw; polished; white hickory handle.

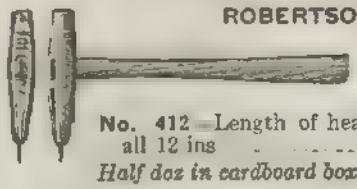
Per Doz

No. BG65—Length of head 4¾ ins; length over all 11½ ins $28 50

Half doz in cardboard box; wt per doz 6¾ lbs.

TACK HAMMERS

ROBERTSON, Magnetic.

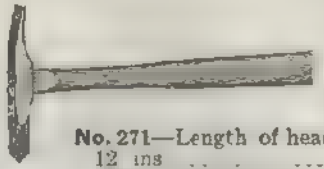


Forged cast steel, polished ash handle.

Per Doz

No. 412—Length of head 3½ ins; length over all 12 ins $25 50

Half doz in cardboard box; wt per doz 8½ lbs.



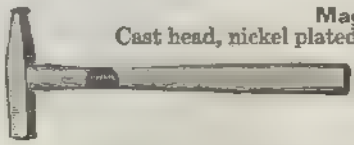
Magnetic.

Case hardened malleable casting, polished, hickory handles.

Per Doz

No. 271—Length of head 4⅞ ins; length over all 12 ins $12 75

Half doz in cardboard box; wt per doz 6½ lbs.



Magnetic.

Cast head, nickel plated; hardwood handle.

Per Doz

No. 1291—Length of head 4 ins; length over all 11 ins $9 75

One doz in cardboard box; wt per doz 5¾ lbs.

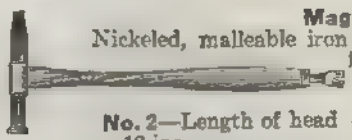
Magnetic.

Case hardened malleable casting, polished hickory handles.

Per Doz

No. 272—Length head, 4 ins; length over all 12 ins $12 75

Half doz in cardboard box; wt per doz 6 lbs.



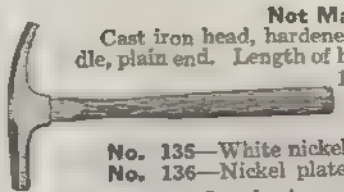
Magnetic.

Nickeled, malleable iron head; hickory handle with ferrule and steel claw at end.

Per Doz

No. 2—Length of head 4 ins; length over all 12 ins $6 00

One doz in cardboard box; wt per doz 4 lbs.



Not Magnetized.

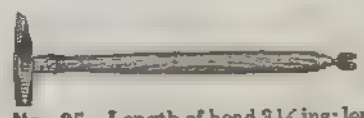
Cast iron head, hardened face, adze eye, hickory handle, plain end. Length of head 5¼ inches; length over all 10½ inches.

Per Doz

No. 135—White nickel $3 00

No. 136—Nickel plated, polished 3 60

One doz in cardboard box.



Not Magnetized.

Polished cast iron head, hickory handle; with ferrule and steel claw at end.

Per Doz

No. 25—Length of head 3¼ ins; length over all 11 ins $3 00

One doz in cardboard box; wt per doz 3½ lbs.

Cast iron, adze eye varnished hardwood handle, weight without handle, 5½ ozs.

Per Doz

No. 26—Polished $3 30

One doz in cardboard box, 2 gro in a wood case; wt per gro 70 lbs.

SHOEMAKERS HAMMERS

CHAMPION

Drop forged from cast steel; polished; black finish on neck; white hickory handles.

	Per Doz
No. 95—Length over all 10⅛ ins; wt head 12 ozs	$24 00

Half doz in cardboard box; wt per doz 12 lbs.

—CYCLONE—

Case hardened malleable casting; polished, black finish on neck, hickory handle.

	Per Doz
No. 125—Length over all 9½ ins; wt each 10 ozs	$12 75

Half doz in cardboard box; wt per doz 10½ lbs.

Cast iron, hardwood handle

No.	2S
Finish	Jap.
Wt, ozs	10
Length, ins	9
Wt doz, lbs	7½
Per Doz	$5 25

Half doz in cardboard box.

BLACKSMITHS HAND HAMMERS

First quality forged steel, oil finish, polished face.

Octagon neck and poll.

Nos.	860-1½	860-2	860-2½	860-3	860-4
Wt each, lbs	1½	2	2½	3	4
Each	$1 65	1 65	1 80	1 80	2 25

Packed loose.

BLACKSMITHS SLEDGES

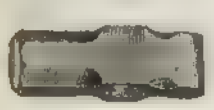
First quality forged steel, oil finish, polished face.

Single Face. Cross pein, octagon neck and poll.

Nos.	830-5	830-6	830-8
Wt each, lbs	5	6	8
Each	$2 40	2 55	3 00

Nos.	830-10	830-12	830-14
Wt each, lbs	10	12	14
Each	$3 60	4 20	5 70

Packed loose.



First quality forged steel; oil finish; polished face.

Single Face. Straight pein; octagon neck and poll.

Nos.	820-10	820-12	820-14
Wt each, lbs	10	12	14
Each	$3 75	4 65	6 70

Packed loose.

First quality forged steel, oil finish, polished face.

Double Face. Octagon neck and poll.

Nos.	850-5	850-6	850-8
Wt each, lbs	5	6	8
Each	$2 40	2 70	3 00

Nos.	850-10	850-12	850-14	850-20
Wt each, lbs	10	12	14	20
Each	$3 60	4 35	4 80	7 05

Packed loose.

HAND DRILLING HAMMERS

First quality forged steel, oil finish, polished face.

Nos.	760B-3	760B-3½	760B-4
Wt each, lbs	3	3½	4
Each	$2 40	2 55	2 70

Packed loose.

DRILLING OR STRIKING HAMMERS

First quality forged steel, oil finish, polished face.

Nos.	750-5	750-6	750-7	750-8
Wt each, lbs	5	6	7	8
Each	$2 40	2 55	2 85	3 15

Nos.	750-9	750-10	750-12
Wt each, lbs	9	10	12
Each	$3 30	3 60	4 35

Packed loose.

SLASHING HAMMERS

First quality forged steel, oil finish, polished face, octagon poll curved point.

Nos.	910-5	910-6
Wt each, lbs	5	6
Each	3 30	3 60

Packed loose.

NAPPING HAMMERS

First quality forged steel, oil finish, polished ball face.

Nos.	890-2	890-2½	890-3
Wt each, lbs	2	2½	3
Each	$1 80	1 95	1 95

Nos.	890-3½	890-4	890-5	890-6
Wt each, lbs	3½	4	5	6
Each	$2 10	2 25	2 55	3 00

Packed loose.

SPALLING HAMMERS

Single Face.

First quality forged steel, oil finish; polished ends.

Nos.	710-7	710-8	710-10	710-12	710-14	710-16
Wt, lbs	7	8	10	12	14	16
Length, ins	7½	8	8½	9	9½	9½
Each	$3 30	3 75	4 80	5 85	6 60	7 50

Packed loose.

Double Face.

First quality forged steel, oil finish, polished ends.

Nos.	720-8	720-10	720-12	720-14	720-16
Wt, lbs	8	10	12	14	16
Length, ins.	7½	8¼	8½	9	10
Each	$3 75	4 80	5 35	6 60	7 60

Packed loose.

KEROSENE LAMPS

KITCHEN

Consists of glass fount, japanned metal frame, corrugated tin reflector, No. 2 burner, No. 2C lamp chimney, No. 2F lamp wick. Oil capacity 1½ pints.

	Per Doz
No. 20C—Complete in quantities of less than 6 doz	$11 55
No. 20C6—Complete in quantities of 6 doz or more	10 80

Six doz in barrel; wt per barrel 150 lbs.

	Per Doz
No. 20—Fount and frame only	$5 10
No. 20F—Fount only	3 15

Packed loose.

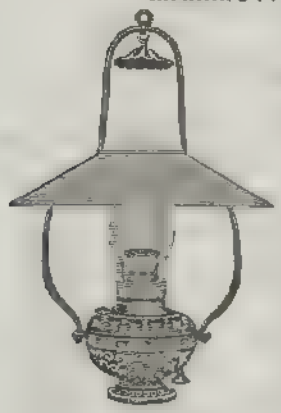
EXTRA FOUNTS FOR BRACKET LAMPS

Heavy crystal glass; side filler; brass screw cap. Will fit any of the above Bracket Lamps.

No.	2
Per Doz	$5 40

Packed loose.

MAMMOTH STORE HANGING



ROCHESTER

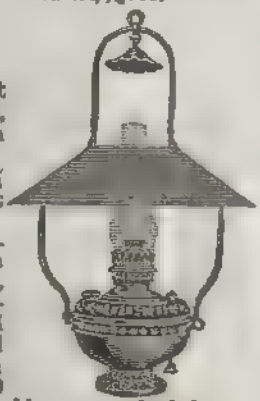
Height of fount and burner 10¾ in.; diameter of fount 6 in.; capacity of fount 1 gallon; 20 inch corrugated shade, bright inside, green outside; No. 2 Rochester chimney and wick; length over all with harp 36 inches.

Has safety lock band, top and bottom screw, wick lift, double circular cone, patent chimney lift, detachable burner. Each

No. 10B—Brass $12 60

Fount in cardboard box, harp wrapped in paper, shade loose; wt each 4¼ lbs.

BELGIAN



Heavy brass with center draft Belgian burner, consumes about one, third less oil and creates less heat than the ordinary burner.

Height of fount and burner 10¾ inches; diameter of fount 6 inches; holds 1 gallon of oil.

Length of lamp and harp 36 inches.

Complete with 30½ in. harp, 20 inch corrugated tin shade, bright inside, green outside; No. 00 Belgian chimney and No. 2 Rochester wick and indicator to show the amount of oil in fount. Each

No. 12B—Polished brass $12 60

Fount in cardboard box, harp wrapped in paper, shade loose; wt each 4 lbs.

STREET LAMPS

DIETZ PIONEER, Post.

Green enamel frame; No. 3 brass burner; 1½ inch flat wick and No. 35 globe; outside wick regulator and filler cap. Equipped with a time regulating device; adjustable to burn a certain number of hours; can be filled, lighted and regulated without removing globe. Cold Blast top, making this lamp absolutely wind proof. Each

No. 30P—Height 27 ins; oil capacity 48 ozs; burns 24 hours $20 25

One in wood box; wt each 25 lbs.

GASOLINE ILLUMINATING TORCHES

D 6

SUNLIGHT

Brass valve and generating burner. Tank finished in hard baked japan and stenciled with gold bronze. Suitable for either indoor or outdoor lighting, neither affected by wind, rain, heat or cold and always produce a brilliant white flame.

	Per Doz
No. 40T—Capacity 1 gal; will burn from 12 to 14 hours, producing a light equal to 8 gas jets; length 40 ins	$59 25

One doz in wood box; wt per doz 58 lbs.

LAMP SHADES

Opal glass, for Rayo, Rochester, Belgian and all other central draft lamps taking 10 in. shades.

Diameter bottom 10 ins; top 4 ins; height 6 ins.

No.	1332
Less than a carton, Each	$ 2 10
Full cartons, Per Doz	19 50

Half doz in carton.

BRACKET LAMP REFLECTORS

Nos.	**8F**	**9F**	**10F**
Diam, ins	8	9	10
Wt per doz, lbs	20	30	40
Per Doz	$17 25	19 80	22 50

Packed loose.

LAMP BRACKETS

Cast iron, coppered finish; stub for reflector and wall plate to screw to wall; will swing either way.

	Per Doz
No. 71—Cup 5 ins in diam at top; 13 in. projection	$12 00

Half doz in cardboard box; wt per doz 20 lbs.

Cast iron, copper finish; stub for reflector and wall plate to screw to wall; will swing either way.

	Per Doz
No. 69—4 in. ring; 11 in. projection	$6 00

Half doz in cardboard box; wt per doz 13 lbs.

LAMP BURNERS

SOCONY, RAYO

Heavy brass, nickel plated; continuous chimney support. Designed to fit Rayo and Socony Rayo Table lamps.

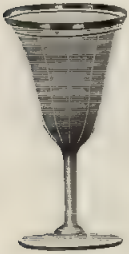
	Per Doz
No. 22B—Height 4 ins; diam 3½ ins	$27 75

One doz in carton; wt per doz 5⅝ lbs.

Luxurious Glassware in Complete Sets

We Show Here the Popular Items—We Can Furnish Plates, Bowls, etc., to Match

Finest Quality Optic Crystal with 24-Karat Gold Border. A refined pattern of simple dignity relying on its excellence of quality for its rich appeal.



GOBLET
Optic Crystal 24K Gold Border Height, 6⅛ inches
9G57068 Doz. . ..$15.50

LOW SHERBET
Optic Crystal 24K Gold Border Height, 3½ inches
9G57069 Doz . $15.50

TUMBLER
Optic Crystal 24K Gold Border Height, 4 inches
9G57070 Doz. $12.00

TALL SHERBET
Optic Crystal 24K Gold Border Height, 4¾ inches.
9G57071 Doz. ..$15.50

WINE
Optic Crystal 24K Gold Border Height 4½ inches.
9G57072 Doz. $14.50

ICED TEA
Optic Crystal 24K Gold Border Height 5¾ inches.
9G57073 Doz. $13.00

24 Karat Heavy Gold Encrusted Finest Optic Crystal

One half inch gold encrusted with hair line also 24K Gold.

GOBLET
Optic Crystal 24K Gold Encrusted Height, 6 ½ inches
9G57074 Doz. $27.50

LOW SHERBET
Optic Crystal 24K Gold Encrusted Height, 3⅝ inches
9G57075 Doz $27.50

TUMBLER
Optic Crystal 24K Gold Encrusted Height, 4 inches
9G57076 Doz. $24.00

TALL SHERBET
Optic Crystal 24K Gold Encrusted Height 4¾ inches.
9G57077 Doz . $27.50

ICED TEA
Optic Crystal 24K Gold Encrusted Height, 5¼ inches
9G57078 Doz. $25.00

PARFAIT
Optic Crystal 24K Gold Encrusted Height 6½ inches.
9G57079 Doz $27.50

Finest Rock Crystal—Fern Leaf Engraved—Highly Polished

The ultimate in handsome glassware. Each piece is beautifully made. "It rings like a bell."

GOBLET
Rock Crystal Exquisitely Engraved, Height, 7¾ inches
9G57080 Doz $52.00

LOW SHERBET
Rock Crystal. Exquisitely Engraved Height, 4 inches.
9G57081 Doz . $52.00

WINE
Rock Crystal Exquisitely Engraved Height, 5 inches
9G57082 Doz. ..$46.50

TALL SHERBET
Rock Crystal Exquisitely Engraved. Height, 6½ inches
9G57083 Doz $52.00

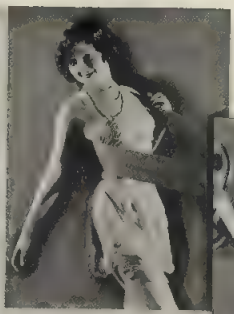
COCKTAIL
Rock Crystal Exquisitely Engraved Height, 5¼ inches
9G57084 Doz $46.50

ICED TEA
Rock Crystal Exquisitely Engraved Height, 5 inches
9G57085 Doz $52.00

KEEP YOUR YOUTH

without tiresome effort

This sturdy, Mechanical Masseur is easily installed in a closet, in your bath room, bed room or gymnasium, and requires but very little space. It requires no attention whatever, and the 1/4 horse-power motor operates quietly on current from any light socket or plug.



Mechanical vibratory massage has been demonstrated to be much more effective than either vibrator or massage alone. Perfect control gives either a soothing caress or [illegible] exercise

Two straps are provided with this device, a narrow one and a broad one, for effectively treating the parts where exercise or reduction is most desired

You will be amazed to find this pleasant, easy exercise reinforming your figure to youthful proportions. Applying vibratory massage to the spots most desired, will produce amazing correct ve results

Illustrated above is our sturdy Mechanical Masseur, rightfully called "The Fountain of Youth". It is made extremely strong, and is guaranteed absolutely trouble-proof. All you have to do is press the button.

Ten to fifteen minutes' daily exercise is enough instead of the tiring effort of vigorous effort, you will experience relaxation and the glow of health

The Mechanical Masseur is shipped from the factory in Indiana. It weighs about 75 pounds, and should therefore be shipped by freight. Comes complete with instructions and all necessary attachments.

"The Fountain of Youth"

Keep your youthful vigor
Keep your youthful figure

No longer need you envy radiant, youthful vigor and a supple, attractive figure. It is yours for the asking, if you are willing to spend ten or fifteen minutes a day, while this Mechanical Masseur does its pleasant work.

In construction, this electrical device leaves nothing to be desired. It is extremely rugged and built so that it requires absolutely no attention. It is made to fit any type of electrical current. (While it costs a little less in the standard, alternating current, 110-volt model, other types may be had on request, as quoted below.) This model comes to you complete in every respect, with two belts, a narrow and a wide one, a long cord for attaching to plug, and a switch for shutting it on or off that you may hold while you are taking the exercise. Complete instructions are included.

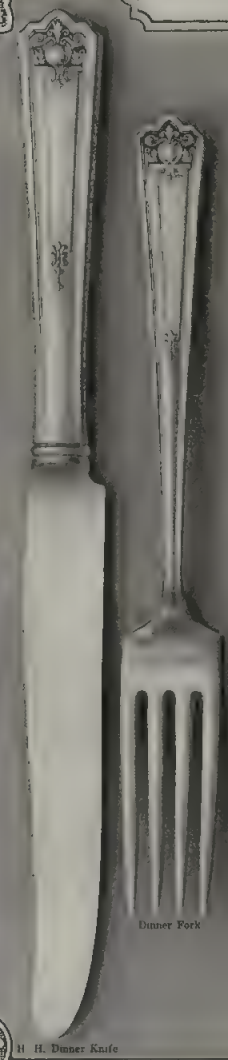
This Mechanical Masseur Is Scientifically Correct

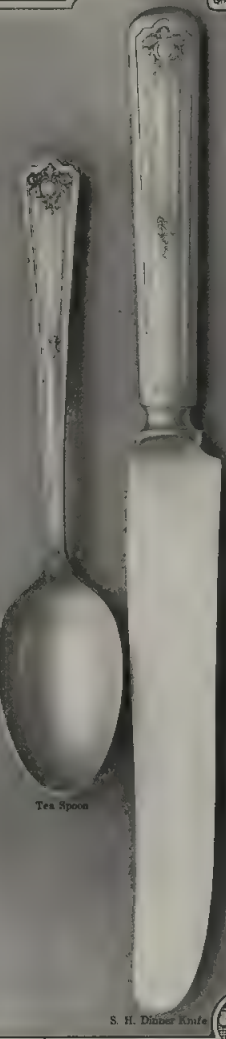
The health-giving effect of this marvelous machine can be duplicated by vigorous exercise and a scientific massage thereafter. This, however, takes time, and what is more, a great deal of will-power. Our scientifically built, Mechanical Masseur gives you energetic exercise and vibratory treatment where and when you want it. This Mechanical Masseur solves the problem of getting correct exercise, in these days, so crowded with business and social obligations. It supplies the needed physical stimulation, improves circulation, adds vigor and strengthens muscles all without effort on your part. Excess fat and its dangers disappear with the steady use of this device. Over-weight and under-exercise bring on that dull, weary feeling and rob you of your joy of living. A trim figure, health and vigor are at your command for a sum that is insignificant, when compared with the benefits that you receive. A Mechanical Masseur should be in every home

9G56197 For Standard, 110-Volt Alternating Current **$79.00**

9G56198 For other types (kindly specify current desired) **99.00**

★ROGERS & BRO. A-1
TRADE MARK





Majestic
PLATINUM FINISH
SILVER PLATE

A Beautiful New Pattern

Every article bearing this celebrated Trade Mark ★ROGERS & BRO. A 1 is Heavily Silver Plate for hard wear. Seamless Necks, Silver Base and Guaranteed with the understanding, to last a life time. The well known Rogers has had a continuous use for more than 20 years

Furnished in the following lots
A 1 XII Settings Plate

		Prices Per doz *List*	*Retail*
Tea Spoons	½ doz. in unlined box	$ 8.56	$ 6.50
Dessert "	½ " " " "	11.76	9.00
Table "	½ " " " "	14.12	10.00
Soup Spns	Round Bowl ½ doz. in unlined box	13.12	10.00
Soup Spns	Round Bowl ½ doz. in Blue Velvet Lined Box	13.74	11.00
Dinner Forks	½ doz. in unlined box	15.12	10.00
Dessert Forks	½ " " "	11.76	9.00

Hollow Handle Cutlery
Knives packed 6 in Blue Velvet Lined Box

Dinner Knives	Plated French Blades	24.76	20.00
Dinner Knives	French Steel Blades	28.14	22.00
Dessert Knives	Plated French Blades	24.14	19.00
Dessert Knives	Pearl Stainless Blades	27.56	21.00
Breakfast Knives	Plated French Blades	24.44	20.00
Breakfast Knives	French Steel Blades	28.30	22.00

Six Each Knives and Forks in Blue Velvet Lined Box		*Prices Per Set* *List*	*Retail*
Set No. 1638½	Dinner French Blades	$18.94	$15.00
No. 1638½	Bkft. " "	18.10	14.00
No. 196	Dessert " "	18.00	14.00

Above sets with Stainless Steel Blades $1.92 list per set extra, Retail $1.50 per set extra

Carving Sets	3 Pc. Stainless Steel Blades	15.50	16.00
Bkft Sets	2 Pc. Stainless Steel Blades	9.78	7.50

Solid Handle Cutlery

	Per doz *List*	*Per doz* *Retail*
#12 Dinner Knives	Plated French Blades	8.00
#12 Dinner Knives	Stainless French Blades	11.00
#12 Dessert Knives	Plated Blades	8.00
#12 Bkft. Knives	Serrated Swaged Blades Plated	10.00

Pieces not illustrated on following page

		List	*Retail*
Oyster Forks,	Set of Six in Blue Velvet Lined Box, per set	$4.38	$3.50
Salad Fork and Spoon	in Blue Velvet Lined Box, each	2.18	1.75
Bon Bon Spoon,	Bent Handle in Blue Velvet Lined Box, each	.90	.75
Bon Bon Set,	Spoon and Fork Pierced per set	1.74	1.50
Iced Tea Spoons,	set of six per set	4.50	3.50
Dessert Server,	in Blue Velvet Lined Box each	1.95	1.60

Dinner Fork

Tea Spoon

H. H. Dinner Knife

S. H. Dinner Knife

Illustrations Actual Size

INTERNATIONAL SILVER CO.

★ROGERS & BRO. A-1
TRADE MARK

Majestic
PATTERN
PLATINUM FINISH

Jelly Knife
One in blue velvet lined box, each — Last $2.75, Retail $3.25

Cold Meat Fork
One each in blue velvet lined box, each — Last $1.75, Retail $1.50

Butter Knife and Sugar Shell
In blue velvet lined box, per set — Last $2.50, Retail $3.00

Coffee Spoons
Set six in blue velvet lined box — Last $2.25, Retail $2.50

Ladle
One each in blue velvet lined box
Cream, each — Last $1.00, Retail $1.25
Gravy, each — Last 2.00, Retail 1.75
Medium, each — Last 3.75, Retail 4.25

Berry Spoon
One each in blue velvet lined box, each — Last $2.75, Retail $2.25

Butter Spreaders
Set six in blue velvet lined box, per set — Last $5.25, Retail $4.50

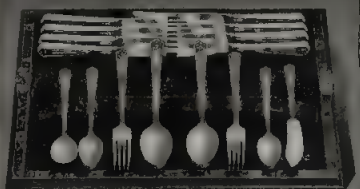
Orange Spoons
Set six in blue velvet lined box, per set — Last $4.19, Retail $3.25

Tomato or Cucumber Server
In blue velvet lined box, each — Last $2.75, Retail $2.25

Child's Set, Knife, Fork, Spoon
In blue velvet lined box, per set — Last $2.75, Retail $2.25

Bouillon Spoons
Set six in blue velvet lined box, per set — Last $6.24, Retail $4.50

Individual Salad Forks
Set six in blue velvet lined box, per set — Last $6.56, Retail $5.50



Educator Set
Spoon and Fork in blue velvet lined box, per set
Last $1.75, Retail $1.50

34 Piece Service for Eight in Antique French Utility Tray, Glass Bottom, Removable Pad, consisting of 8 Tea Spoons, 8 Dessert Spoons, 8 Dinner Forks, 8 Dinner Knives, Butter Knife, Sugar Shell

No.		Per Set	Last	Retail
1634	(as above with Solid Handle Dinner Knives, Pistol Handle Butter Knife)	$8.00	$7.50	
1635	(as above with Solid Handle Dinner Knives, Stainless Steel Blades)	$11.00	$12.50	
1634½	(as above with Hollow Handle Dinner Knives, Pistol Handle Butter Knife)	$8.25		
1635½	(as above with Hollow Handle Dinner Knives, Stainless Steel Blades)	$11.50		

26 Piece Set in Gift Polychrome Service Tray with Removable Plated Green Velvet, consisting of 6 Tea Spoons, 6 Table Forks, 6 Dinner Knives, 6 Butter Knives, 1 Sugar Shell

No.		Per Set	Last	Retail
1635	(as above with Solid Handle Dinner Knives, Stainless Steel Blades)	$8.50	$14.50	
1635½	(as above with Hollow Handle Dinner Knives, Stainless Steel Blades)	$9.00	$14.50	
1636	(as above with Hollow Handle Dinner Knives, Plated Blades)	$7.00	24.50	
1636½	(as above with Hollow Handle Dinner Knives, Stainless Steel Blades)	$8.25	25.50	

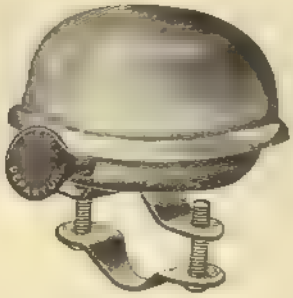
Above sets furnished with 52 pieces at the same prices

Combination Sets consisting of 26 to 65 pieces can also be supplied in attractive chests and cases.

BICYCLE BELLS AND SIGNALS

ROLLFAST No. 1

Each $1 20



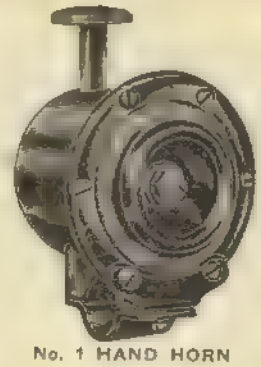
THE LEADER BELL

The Leader Bell is a small, low-priced bell, wrought gong, rotary electric mechanism and good tone

	Per Dozen
No. LP2. 2 in. Electric Bells	$4 80
No. LP2¼. 2¼ in. Electric Bells	6 00

SCOUT HORNS

	Per Dozen
No. 32 11 inch	$12 00
No. 31 9 inch	7 20



No. 1 HAND HORN

	Each
Bicycle Hand Horn	$1 80

THE MASCOT

The Mascot Assortment consists of twelve assorted Mascot designs on a 2½ inch flat top gong.

Per Dozen $8 00

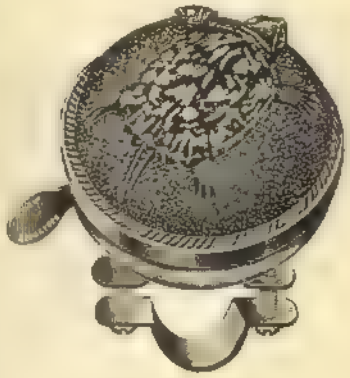
SHINE-M-UP STRAPS

Shine-M-Up Straps, per doz.....$0 90

MAJESTIC WILDCAT SIREN

With Double Extension Bracket which clears 5 inch forward mudguards. Built with 3-16 inch Balls and adjustable bearings, all parts of which are case hardened and polished

	Each
Packed two in a carton...	$1 60



THE ZOO-LINE

The Zoo-Line Bells are made of superior Bell Metal and highly finished in Silver, Nickel and Brilliant Enamel, and have 2¼ inch fancy figure Enameled Tops in assorted designs.

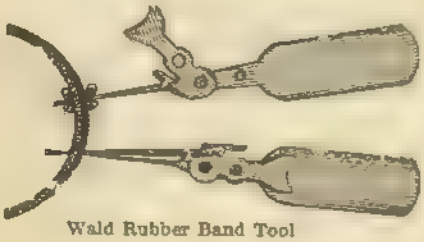
Per Dozen $9 60

No. 7 Mud Guard Splasher. Made of fabric and rubber.

Very durable.

Size 2½x5½x6½

Per Doz... $2 40



Wald Rubber Band Tool

RUBBER BANDS AND RUBBER BAND TOOLS

	Per Dozen
Wald Rubber Band Tool....	$3 60
Miller Rubber Band Tool....	1 60

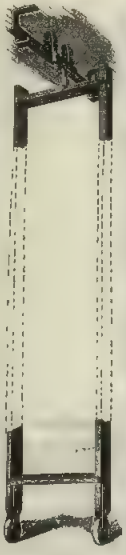
GOODRICH RUBBER BANDS

Per Pound..	$3 60
Less than pound cartons, per ounce	40

Miller Repair Tool

K ROLLING SHELF LADDERS

Superior



Acme

Perfection

These ladders are made from thoroughly seasoned oak, natural finish, varnished; the steps are mortised and securely fastened.

Superior

The most popular ladder for general store use; takes up very little space. The fibre tread noiseless steel wheels run on angle steel rail, secured to the shelving by brackets at any desired interval. Has 5 inch rubber tired guard rollers which run on the edge of base shelf.

Superior, 8 to 15 ft. ..... Each $50.00
Track with brackets ..... Foot .60

Acme

The hangers have fibre tread noiseless steel wheels running on a steel angle track, suspended from the ceiling by brackets which can be adjusted to the track at any desired interval. Floor wheels are rubber tired.

Acme, 8 to 15 ft. ..... Each $50.00
Track with brackets ..... Foot .60

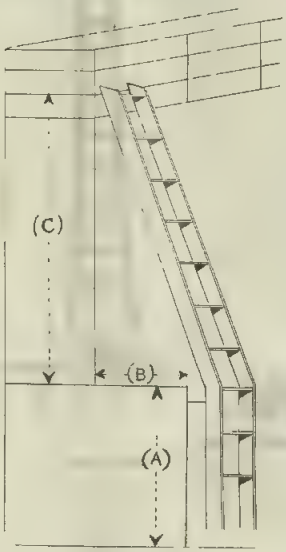
Note—When ordering Acme ladders please specify exact height of ceiling and length of each run of track wanted.

Perfection

This ladder runs on 5 inch rubber tired floor wheels and is guided by a wood rail secured to the shelving at top of ladder by iron brackets.

Perfection, 8 to 15 ft. ..... Each $50.00
Guide rail and brackets ..... Foot .50

INSTRUCTIONS FOR ORDERING



Made to Order Only

(About one week required to fill orders)

For Superior and Perfection Ladders

A—Height from Floor Base to Shelf.

B—Width of Base.

C—Perpendicular Distance from Base to Center of Shelf the Ladder is intended to run on.

D—Number of Partitions.

E—Color preferred.

For Acme Ladder

State Exact Height of Ceiling and the Length of Each Run of Track.

Lighters and Sets for Premium Purposes

Order Early—Special Low Quantity Prices

SATIN FINISH
Always Works

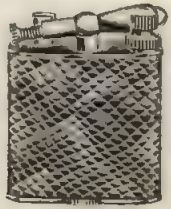
A very attractive, extra slim pocket lighter, in a beautiful white gold satin finish. A dependable lighter that always works. Especially suitable for premium purposes. Offered at a very low quantity price. Illustration is actual size

2G18175 Per Dozen **$17.50**

ENGINE TURNED
Platinoid Finish

Very compact and handsome pocket lighter in engine turned Platinoid finish. Suitable for ladies as well as men. A lighter that is sure to work. Illustration is actual size. Special quantity price.

2G18176 Per Dozen **$26 20**



REPTILE GRAIN
Genuine Leather

Here is an unusually fine pocket lighter, covered with reptile grain genuine leather. Very compact size, suitable for men and ladies. Its excellent quality is a splendid advertising feature. Low quantity price. Illustration is actual size.

2G18177 Per Dozen **$22 00**

HANDSOME AND DEPENDABLE
Ostrich Grain Leather

This is an extra capacity, dependable lighter, covered with genuine leather, Ostrich grain finish. Always works. The extra capacity makes it an excellent sports model. Illustration is actual size

2G18178 Per Dozen **$22.00**

Do You Give Xmas Presents?

If you give Christmas presents or premiums of any kind, it will be worth your while to consider the standard quality pocket lighters which are shown on this page for the first time. Either with or without your own ad, a good lighter is a constant reminder of your store or service. We are featuring special low quantity prices, in a very nice selection of sizes and finishes.

Complete Set
Genuine Leather
$2.30 each

Sold in Dozen Lots Only

An unbeatable, low price! An excellent cigarette case and lighter set of genuine leather, Ostrich grain finish. The cigarette case holds a full package. Has gold finished corners and a gold finished center ornament for engraving. Lighter is extra thin compact size, gold finished and leather covered to match the cigarette case. Lighter always works. The two articles are handsomely boxed, and make a splendid premium or gift. Extremely low quantity price. Illustration is slightly less than half size

2G18179 Per Dozen **$27.50**

SPECIAL—Your Ad On a Good Lighter—Very Cheap

We specialize in furnishing good lighters, stamped or engraved with your own ad or name. Extremely low quantity prices. Order must amount to 100 lighters or more. The prices quoted include the cost of the die necessary to stamp or engrave your ad. Just tell us what you want put on the lighter, or send a sketch of the ad you have in mind. We shall be glad to figure with you on special designs and special quantities. Remember, each lighter always works.

YOUR OWN AD
Extra Thin—Platinoid Finish

A smart, extremely thin pocket lighter, in a beautiful white Platinoid finish. We engrave your own ad on this extra large. Has a wonderful advertising value. Lighter always works. Illustration is actual size. (Small quantities cost more.

2G18180 Per 100 ..... **$195.00**

LEATHER COVERED

Extremely thin model. Covered with black genuine leather and metal parts gold plated. Always works. No extra charge for stamping your own ad on lighter. Illustration is actual size. Additional charge for smaller quantities.

2G18181 Per 100 ..... **$138.00**

GOLD FINISH

Extremely handsome all metal gold finished extra thin lighter. Always lights easily. Your own ad engraved on lighter at no extra charge. (Extra charge for smaller quantities.) Illustration is actual size.

2G18182 Per 100 ..... **$134.00**

PLATINOID FINISH

A brilliant Platinoid finish features this ultra-thin vest pocket lighter. Handsomely engine turned. Can be engraved with your ad at no extra charge. Illustration is actual size. (Prices on request in smaller lots.)

2G18183 Per 100 ..... **$138.00**

GOLD PLATED

Here is an extremely handsome and ultra thin vest pocket lighter, in a striking gold plated finish. Your own ad engraved on lighter at no extra cost. Lighter always works. Illustration is actual size. (Extra charge for less than 100.)

2G18184 Per 100 ..... **$195.00**

The Newest Lighters all Widely Advertised

"Automatic" and "Wind-Dodger" Models by Clark and by Ronson

Illustrations of the Clark Lighters are slightly reduced; Ronson Lighters are shown actual size.

CLARK LIGHTER
Alligator Covered

Richly gold finished; covered in genuine Alligator. Famous "Sure-Shot" Clark Lighter

2G18250 PRICE. . . $6.75

FAMOUS RONSON LIGHTER

Press the Ronson and it lights, release it, and it goes out. Ronson holds all records for "sure-fire." Black Morocco covered highly nickeled metal parts. Shield suitable for engraving

2G18258 PRICE..... $7.00

NEW MODEL RONSON

Extremely handsome—made of two-tone leather, dark and light brown, separated by highly nickeled bands. An extremely flat model, extra long a beauty. Famous automatic "sure-fire" Ronson.

2G18260 PRICE..... $9.10

Famous Clark "Wind-Dodgers"—They light in the wind

CLARK "WIND-DODGER" Platinum Finish

Built like a piece of jewelry, as are all other Clark Lighters, with this added feature—has the exclusive patented Clark "Wind-Dodger" top.

2G18252 Price. $10.50

GENUINE REPTILE Clark "Wind-Dodger"

Men who smoke out-of-doors appreciate the Clark "Wind-Dodger." It lights every time, everywhere. Exquisitely made and covered in real Reptile skin

2G18253 Price. $10.50

CLARK "WIND-DODGER" Genuine Alligator

Covered with genuine Alligator skin, the metal parts being gas filled and richly burnished. This Clark "Wind-Dodger" is the most popular of all.

2G18254 Price $10.50

Clark's Newest Automatic Lighters

For sheer beauty of construction and mechanical perfection, the new Clark Automatic, just out, acknowledges no equal.

PLATINUM FINISH

Engine turned, platinum finish Clark Automatic, handsomest lighter made. The improved automatic.

2G18255 Price $10.00

ALLIGATOR PANEL

Genuine Alligator leather panel; all metal parts heavily gold filled and richly burnished. A gorgeous Clark Automatic.

2G18256 PRICE $9.40

MOROCCO COVERED

Platinum finish Clark Automatic, covered with Morocco leather all around. Knows no equal, in either beauty or performance

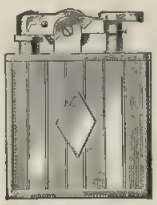
2G18257 PRICE $9.40

The Ronson always lights

JUNIOR SIZE RONSON

Some men and all ladies prefer this smaller size Ronson. It is highly nickeled, has black Morocco leather panels and Morocco leather inset in handle. Works just as perfectly as the larger size.

2G18261 PRICE..... $7.00



CHROMIUM ENGINE TURNED

Ronson Automatic Lighter, richly engine turned and finished in everlasting diamond-like chromium (Initials cannot be engraved the metal is too hard.)

2G18262 PRICE $9.10

SOLID STERLING SILVER Clark Lighter

If you are seeking a gift of exceptional character, one that will stand out from all the rest it will be wise to make this lighter your choice

2G18251 PRICE . $21.00

ALLIGATOR COVERED RONSON

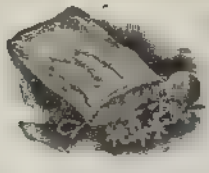
Immensely popular model of the famous "sure-fire" Ronson Automatic. Press, and it lights, release, and it goes out. Biggest selling lighter in America. Has shield for engraving

2G18259 PRICE. . . $9.80

CLUB SIZE RONSON

Holds twice as much materials as the standard size. Beautifully made engine turned, finished in diamond-like chromium (Shield cannot be engraved—the metal is too hard)

2G18263 PRICE..... $11.90



JACK SETS

Set consists of 5 nickel plated cast iron jackstones and one 7/8 inch red rubber ball in cloth bag as illustrated.

No.	517
Wt per doz sets, lbs	1½
Per Doz Sets	$1 20
Per Gro Sets	13 95

Six doz sets in cardboard box, 5 gro sets in case.

SPONGE RUBBER BALLS

High grade red sponge rubber throughout. No hollow center, puncture proof, retains its shape and will not deflate.

Nos.	M5	M112	M114	M115
Diam, ins	1¾	2 1/16	2 5/16	2 11/16
Doz in box	6	1	1	1
Wt per doz, lbs	½	¾	1½	1¾
Per Doz	$1 06	2 10	2 40	3 45

Return Balls.

Red sponge rubber with moulded raised decorations. Fitted with rubber thread.

Per Doz

No. M506—Diam 1 5/8 ins $1 26

One in cardboard box; wt per doz ½ lb.

RUBBER BALLS

MILLER

INFLATED RUBBER BASE BALLS

Good grade white rubber; moulded to show stitches like regular base ball.

Per Doz

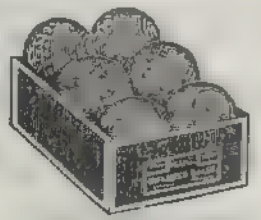
No. M888—Junior Size; diam 2½ ins; wt per doz 3 lbs $2 40

One in box; one doz in cardboard box.

MILLER

INFLATED EDUCATIONAL DESIGN

Good grade white rubber, with figures moulded; for school, play grounds, surf and home.



Nos.	M44	M46
Diam, ins	4	6
Wt per doz, lbs	2½	4½
Per Doz	$6 60	12 75

Half doz in cardboard box.

MILLER STAR

Inflated. Good grade rubber with moulded star decorations.

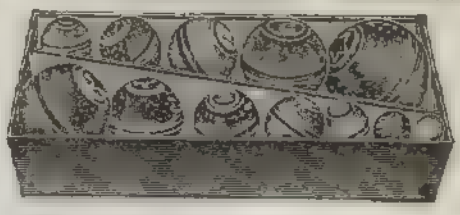
Nos.	White 8175	White 8275	White With Red Stripes. 8276
Diam, ins	2	2½	2½
Wt per doz, lbs	1	1½	1½
Per Doz	$1 35	2 40	2 55

Assorted Colors of Blue, Red and Orange, Fancy Stripes.

Nos.	8387	8577
Diam, ins	3½	5
Doz in box	1	½
Wt per doz, lbs	3¼	7
Per Doz	$6 75	12 00

One doz in cardboard box.

RUBBER BALL ASSORTMENTS



MILLER

Assortment consists of one dozen balls assorted sizes and colors as follows:

1—1½ inch diameter bat ball
1—2 inch star ball
1—2½ inch star striped ball
1—3 inch star striped ball
2—3½ inch educational balls
1—3½ inch star striped ball
2—4 inch star striped balls
1—5 inch star striped ball
1—5 inch educational ball
1—6 inch star ball

Per Ass't

No. 8010—Wt per ass't 5 lbs $8 25

One in cardboard counter display box.

Assortment consists of heavy gauge steel display rack and 34 rubber balls assorted colors and sizes as follows:

6—6 inch balls
6—5 inch balls
7—4 inch balls
3—3½ inch balls
4—3 inch balls
5—2½ inch balls
1—Regular Miller League base ball
1—2 inch star ball.

Per Ass't

No. 8025—Height rack 29 ins; diam bottom 19 ins; top 6 ins $36 00

In carton; wt per ass't 20 lbs.

MARBLES

ONYX AGATES

Superior quality, assorted colors; size 11/16 inch.

	Per Doz Boxes	Per Gro Boxes
No. 5—5 in attractive colored cardboard counter display box; wt per doz boxes 1 lb	$1 35	14 40
No. 10 11 in attractive colored cardboard counter display box; wt per doz boxes 2 lbs	2 70	30 00

Partitioned Display Boxes.

Nos.	30	31	32
Size, ins	5	11/16	¾
No. in box	100	100	50
Wt per 100, lbs	1	1¼	2¼
Per 100	$1 95	2 10	2 55

IMPORTED MARBLES

GENUINE AGATES

Assorted colors and sizes.

Sizes 9/16 to 11/16 in.

	Per 100
No. 300—Seconds	$15 75
No. 200—Medium	25 50
No. 100—First quality	37 50

Sizes 11/16 to 7/8 in.

	Per 100
No. 212—Medium quality	$51 00
No. 211—First quality	66 00

Sizes 7/8 to 1 in.

	Per 100
No. 251—First quality	$81 00

25 in cardboard box; wt per hundred 1¾ lbs.

FLINTS

Assorted Sizes 9/16 to 11/16 in.

	Per 100
No. 181—First quality	$37 50

CERISE

High grade glass agate of beautiful dark color combinations. Assorted sizes 10-9/16 inch; 10-11/16 inch and 5-¾ inch.

	Per 100
No. 25—Wt per 100, 1½ lbs	$4 50

25 in cardboard box.

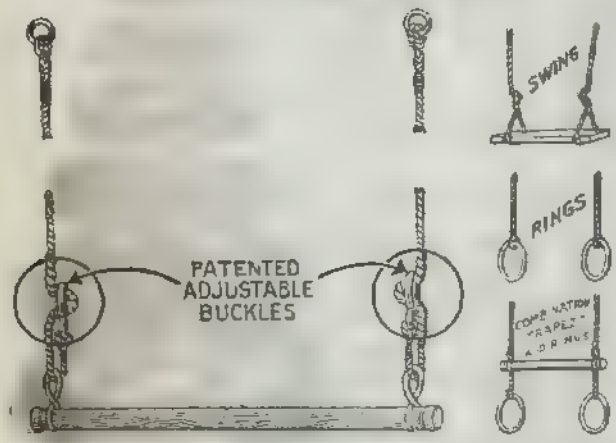
PRIMA

A good imitation agate. Assorted color combinations and sizes, 20-9/16 inch, 20-11/16 inch and 10-¾ inch.

	Per 100
No. 150—Wt per 100, 2 lbs	$9 75

50 in cardboard box.

TRAPEZE SWING SETS



For Grown-Ups As Well As Children.

Ropes are of heavy sisal, fitted with patent adjustable buckles that allow adjustment to any length desired, and will not slip. The bar and swing seat are of hardwood, rings are of steel. Can be quickly and easily converted into swing or acting rings as above illustrated by slipping rope from adjustable buckles.

Consists of two pieces of sisal rope 6 feet long with rings on one end and patent adjustable buckles on the other, trapeze bar, swing seat and two acting rings.

	Per Doz
No. M111—Complete as above described; wt per doz 24 lbs	$49 50

One in carton

TOY CAP PISTOLS

INVINCIBLE

50 Shot, Repeater.

Iron; bright finish. Repeats, giving 50 loud reports as fast as trigger can be pulled, strikes a forward blow, thus avoiding danger. The ammunition as shown in illustration, is locked in magazine.

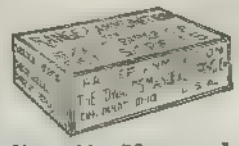
	Per Doz
No. 50—Length 6½ ins	$6 75

One in cardboard box; wt per doz 9 lbs.

TOY CAP PISTOL ASSORTMENTS

	Per Ass't
No. 3—Includes 1 doz No. 50 Pistols and 5 doz No. 18A Caps	$10 50

PAPER CAPS



Scout

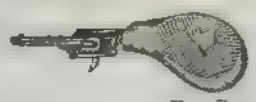
Made especially for Repeating Toy Rifles and Pistols.

	Per Doz
No. 18A—50 caps in a roll, 5 rolls in a carton; wt per doz cartons ½ lb	$1 20

5 doz cartons to box; 12 boxes to case.

WATER PISTOLS

Good quality rubber bulb on metal pistol will squirt a small stream of water approximately 30 feet.



	Per Gro
No. 1030—Length over all 5 ins	$28 50

One doz in box; wt per gro 22 lbs.

AUTOMATIC SPARKLING TOYS

RONSON

These automatic sparkling toys completely replace dangerous fireworks; yet retain all the thrill though absolutely harmless. Startling in effect, both night and day, they furnish an all year round amusement. The harmless shooting ammunition with which they are originally loaded is good for thousands of shots, each toy is made so they can be reloaded.

STARLIGHT

Sheet metal, attractively finished in blue and white; wood handle. Positive automatic action that produces a magic whirling star shower flashing red, white and blue, by simply pushing the lever.

	Per Doz
No. 125—Length 6 ins	$6 75

One in cardboard box; wt per doz 1½ lbs.

TOP FIREFLY

Sheet metal, attractively finished in red and white.

Operated by a simple pull of the string which starts it to spin, automatically rewinds itself. Makes a big shower of vari-colored fascinating flashes as it spins.

	Per Doz
No. 200—Height 3¼ ins; diam 4½ ins	$25 50

One in cardboard box; wt per doz 4½ lbs.

REVOLVER

Sheet metal, finished in gun black, full size; has hammer, striking place, sights, trigger guard and hair trigger. Loaded ready for action.

	Per Doz
No. 250—Length 7½ ins	$13 50

One in cardboard box; wt per doz 4 lbs.

MACHINE GUN

Sheet steel body, olive drab enameled; black finish gun platform; mounted on tripod with wood legs finished in bright red.

A turn of the crank produces a sizzling barrage of continuous cracking, flashing, machine gun fire.

	Per Doz
No. 300—Width 13 ins; height 5 ins	$25 50

One in cardboard box; wt per doz 6 lbs.

RELOADS FOR AUTOMATIC SPARKLING TOYS

	Per Doz
No. 1—Single, one in pkg. For all toys except starlight	$1 35
No. 2—Double with metal holders, two in pkg. For starlight only	2 40

"ROYAL BOUQUET"

"Royal Bouquet" Casseroles

Nickel	Size	Ship. Wt.	Price
1382	2½ pt. 8" Round	5	$10.90
1383	3½ pt. 9" Round	6¼	12.50

"Royal Bouquet" Pie Servers

Nickel	Size	Ship. Wt.	Price
1141	10" Round	4½	$ 9.00

Royal Bouquet Tea Set
No. 69364 $24.50

Nickel	Description	Height	Ship. Wt.	Price
T-69	5 Cup Tea Ball Pot	8"	7¼	$10.80
2639	Creamer and Sugar	4½"	2½	9.40
10364	14" Round Tray		4	4.30

ROYALITE is an exclusive Royal-Rochester product--a superior grade of China, hand decorated and fired to an extremely high temperature which makes both decoration and ware absolutely heatproof.

Beautiful in design, practical in operation, easy to keep clean.

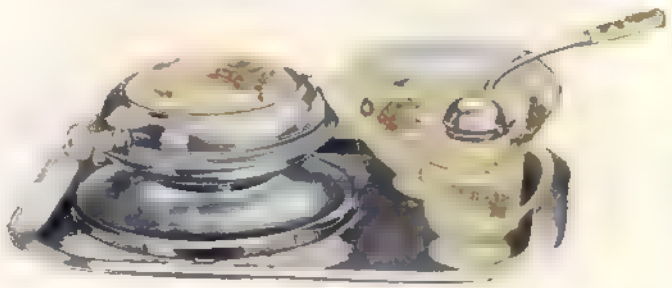
"Royal Bouquet" Urn Set
No. 5600358 $59.70

Nickel	Description	Height	Ship. Wt.	Price
E-560	10 Cup Urn	14¼"	11	$58.60
2639	Creamer and Sugar	4½"	2¼	9.40
010358	18x14" Oblong Tray		4¾	11.70

"Royal Bouquet" Percolator Set
No. 517354 $41.70

Nickel	Description	Height	Ship. Wt.	Price
E-517	7 Cup Percolator	9"	6¾	$26.10
2639	Creamer and Sugar	4½"	2¼	9.40
10334	14" Rd. Tray Cast Handle		2¼	6.20

The Metal Mountings and Trays are of heavy Royal Nickel Plate



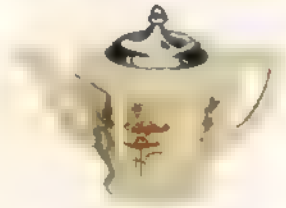
ROYALITE Urns and Percolators are insured against breakage in home use.

"Royal Bouquet" Waffle Set
No. 64740378 $49.10

Nickel	Description	Size	Ship. Wt.	Price
E-6474	Waffle Iron	7¼" grid	8	$21.80
1372	Batter Bowl	8" diam.	3	9.40
3007	Batter Ladle	Holds Waffle	1	4.30
2333	Syrup Pitcher	1 pint	2	5.80
010378	Oblong Tray	18 x 14½"	4¼	7.80

Any of the pieces shown in sets may be ordered individually. Always specify voltage.

"RED POPPY"



"Red Poppy" Tea Ball Pot
T-772 Chrome $11.50

Capacity	*Height*	*Ship. Wt.*
5 Cup	7½"	7½

ROYALITE Percolators are insured against breakage in home use.

"Red Poppy" Percolator
E-7506 Chrome $23.00

Capacity	*Height*	*Ship. Wt.*
6 Cup	12"	10

"Red Poppy" Casserole
No. 7588 Chrome $11.70

Description	*Ship. Wt.*
3 pt. 8" Round	5½

The Metal Mountings are of heavy Royal Chrome Plate.

"Red Poppy" Pie Server
No. 7143 Chrome $9.00

Description	*Ship. Wt.*
10" Round	4

"IVORY AND POPPY"

"Ivory and Poppy"
Tea Ball Pot
T-21 Nickel $8.00

Capacity	*Height*	*Ship. Wt.*
5 Cup	7"	6½

ROYALITE is an exclusive Royal-Rochester product--a superior grade of China, hand decorated and fired to an extremely high temperature which makes both decoration and ware absolutely heatproof.

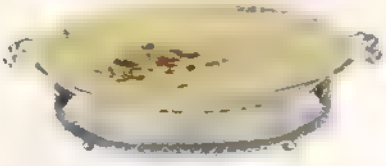
Beautiful in design, practical in operation, easy to keep clean.

"Ivory and Poppy" Percolator
E-586 Nickel $19.90

Capacity	*Height*	*Ship. Wt.*
6 Cup	10½"	9½

"Ivory and Poppy" Casserole

Nickel	*Description*	*Ship. Wt.*	*Price*
1500	3 pt. 8" Round	5½	$ 9.50
1501	2 pt. 8" Oval	5	9.50



"Ivory and Poppy" Pie Server

Nickel	*Description*	*Ship. Wt.*	*Price*
1167	10" Round	4	$ 6.80

"GOLDEN PHEASANT"

"Golden Pheasant" Casserole

Chrome	Size	Ship. Wt.	Price
7376	2 qt. 8" Round	4	$14.40
7377	3 qt. 9" Round	5	16.00
7391	2 qt. 9" Shallow Round	4	15.60

"Golden Pheasant" Pie Server

Chrome	Size	Ship. Wt.	Price
7122	10" Round	4½	$11.70

"Golden Pheasant" Tea Set

No. 765364 $50.00

Chrome	Description	Height	Ship. Wt.	Price
T-765	5 Cup Tea Ball Pot	8"	7½	$14.00
2652	Creamer and Sugar	4½"	2½	10.10
710364	14" Round Tray		4	5.90

ROYALITE is an exclusive Royal Rochester product—a superior grade of China, hand decorated and fired to an extremely high temperature which makes both decoration and ware absolutely heatproof.

Beautiful in design, practical in operation, easy to keep clean.

"Golden Pheasant" Percolator Set

No. 75970438 $59.60

Chrome	Description	Height	Ship. Wt.	Price
E-7597	7 Cup Percolator	12"	9¾	$30.80
2652	Creamer and Sugar	4½"	2½	10.10
7010438	18⅛ x 12¼" Oval Tray		4½	18.70

"Golden Pheasant" Urn Set

No. 75900438 $75.20

Chrome	Description	Height	Ship. Wt.	Price
E-7590	10 Cup Urn	14¾"	11	$46.40
2652	Creamer and Sugar	4½"	2½	10.10
7010438	18⅛ x 12¼" Oval Tray		4½	18.70

The Metal Mountings and Trays are of heavy Royal Chrome Plate.

"Golden Pheasant" Waffle Set

No. 7473358 $74.10

Chrome	Description	Size	Ship. Wt.	Price
E-7473	Waffle Iron	7½ x 9" grid	8	$55.10
1370	Batter Bowl	8" diam.	3	10.10
75005	Batter Ladle	Holds waffle	1	5.50
72531	Syrup Pitcher	1 pt.	2	7.80
7010358	Oblong Tray	18 x 14"	4¾	15.60

ROYALITE Urns and Percolators are insured against breakage in home use.

Any of the pieces shown in sets may be ordered individually. Always specify voltage.

"MODERNISTIC"

"MODERNISTIC" URN SET
No. 76500358 $85.00

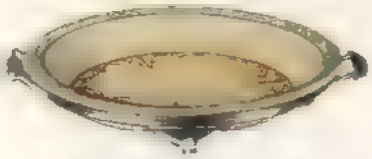
Chrome	Description	Height	Ship. Wt.	Price
E-7630	10 Cup Urn	15"	15¾	$54.60
2638	Creamer and Sugar	5¼"	3	14.80
7010358	18 x 14" Oblong Tray		4¾	15.60
72875	6 Demi Tasse Cups. Extra		2½	25.70

ROYALITE is an exclusive ROYAL-ROCHESTER product--a superior grade of China, hand decorated and fired to an extremely high temperature which makes both decoration and ware absolutely heatproof.

Beautiful in design, practical in operation, easy to keep clean.

"MODERNISTIC" CASSEROLES

Chrome	Size	Ship. Wt.	Price
7380	2½ pt. 8" Round	5	$16.40
7381	3½ pt. 9" Round	6¼	18.00



"MODERNISTIC" PIE SERVER

Chrome	Size	Ship. Wt.	Price
7140	10" Round	4½	$12.10

"MODERNISTIC" PERCOLATOR SET
No. 75270318 $64.30

Chrome	Description	Height	Ship. Wt.	Price
E-7527	7 Cup Percolator	11"	6¼	$37.00
2638	Creamer and Sugar	5¼"	3	14.80
7010518	18 x 12½" Oblong Tray		3½	12.50

"MODERNISTIC" TEA SET
No. 767334 $36.60

Chrome	Description	Height	Ship. Wt.	Price
E-767	5 Cup Tea Ball Pot	7"	6½	$15.50
2637	Creamer and Sugar	4"	2	11.70
710334	14" Rd. Tray Cast handles		2¾	9.40

ROYALITE Urns and Percolators are insured against breakage in home use.

"MODERNISTIC" WAFFLE SET
No. 74750358 $78.00

Chrome	Description	Size	Ship. Wt.	Price
E-7475	Waffle Iron	7¼" round	8	$35.10
1371	Batter Bowl	8" diam.	3½	12.50
73006	Batter Ladle	Holds waffle	1	6.20
72732	Syrup Pitcher	1 pt.	2	8.60
7010358	Oblong Tray	18 x 14"	4¾	15.60

The Metal Mountings and Trays are of heavy Royal Chrome Plate.

Any of the pieces shown in sets may be ordered individually. Always specify voltage.

MAWAPHIL DOLLS

The 1930 line of Mawaphil Dolls not only includes many new numbers but it is the finest and most attractive we have ever shown.

New numbers in stockinette, plush and mohair plush—every one hand made and hand painted and every number individually wrapped in cellophane which greatly enhances the sales appeal and prevents soilage from handling.

If you do not see our Chicago Display write us direct for literature and prices.

THE RUSHTON COMPANY

ATLANTA **GEORGIA**

BRINKMAN LINE
at the
Chicago Toy Fair
Room 630 - Hotel Morrison

The New Brinkman
DOLL HOUSE

is just what you have been waiting for!

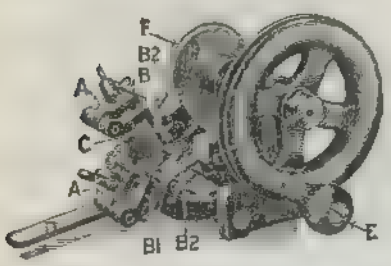
For years there has been a tremendous unfilled demand for a modern, durable and attractive Doll House at a sensible price. With characteristic ingenuity, Brinkman has created a brand new line of Doll Houses that fills this demand to perfection.

You'll quickly realize why the New Brinkman Doll House was one of the hits of the New York Toy Fair when you see it. Made entirely of steel, handsomely finished in bright colors. Every part is carefully and accurately made, easily put together. Brinkman Doll Houses offer many features in construction and quality that are absolutely new and exclusive.

The BRINKMAN ENGINEERING CO.
BACON AND BAINBRIDGE STS., DAYTON, OHIO, U. S. A.

KEY CUTTING MACHINES

RUSSWIN



Cuts duplicates of all makes of pin tumbler cylinder, flat, double bit, solid and hollow ground keys by changing the cutter and gauge accordingly.

Equipped with two types of cutters, one milling cutter (F) and gauge for cutting pin tumbler keys and two cutting saws and gauges for all other types of keys.

Hinged vice (A,A) holds both original key and blank to be duplicated in rigid and correct position; a shelf on the vice supports the bow on cylinder key. On each vice there is a hinged stop which screws both as a top shoulder stop (B1) and a setting stop (B2); the shoulder is indispensible when cutting cylinder keys, all cutting from original cylinder key should be started from the top shoulder. Stop (B1) insures accurate reproduction of the original key; the setting stop (B2) gives the correct distance from the cutter to the gauge (C) by resting the shoulder of one stop (B2) against the cutter and the shoulder of the other stop (B2) against the gauge (C).

Two gauges (CC) one for cylinder and one for other types of keys are furnished with machine. After original key and blank to be cut are placed in position, raise lever (D) turning handle (E) until cutter engages and cuts into blank to be duplicated. Equipped with .035 and .062 inch saws.

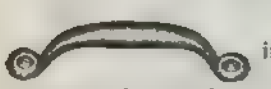
Operates by hand or motor.

Note—Cutting saws furnished in two thicknesses .035 and .062. Specify thickness wanted.

	Each
No. 50—Complete with saw and two cutters	✚$75 00
Extra milling cutters	✚ 18 75
Extra cutting saws	✚ 2 55

One in wood box; wt each 12 lbs.

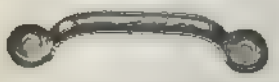
DOOR PULLS



Wrought steel; length over all 5 inches.

	Per Doz	Per Gro
No. 1650—Japanned	$1 05	11 10
No. 1660—Mottled old copper, with screws	1 20	11 55
No. 1680—Dull brass, with screws	1 20	11 55
No. 1690—Dull brass shaded sanded	1 35	13 95

Three doz in cardboard box; wt per doz 1⅞ lbs.



Wrought Steel.

	Per Doz
No. 1257J-1—Japanned; length over all 5½ ins; wt per doz 1 lb	$1 95
No. 1257J-2—Japanned; length over all 6¼ ins; with screws; wt per doz 1½ lbs	2 85
No. 1257J-4—Japanned; length over all 8⅛ ins; with screws; wt per doz 2¾ lbs	8 25
No. 1257D2-1—Antique copper; length over all 5½ ins; with screws; wt per doz 1 lb	2 85

One doz in cardboard box; wt per doz 1½ lbs.

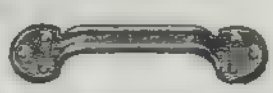
✚F. O. B. Connecticut Factory Only.

DOOR PULLS

Cast iron, extra heavy; length over all 6 inches.

	Per Doz
No. 1101—Japanned	$2 40

One doz in cardboard box; wt per doz 5½ lbs.



Japanned, wrought steel.

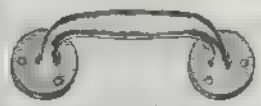
	Per Doz
No. 1265J—Length 10½ ins	$11 55

Half doz in cardboard box, with screws; wt per 10½ lbs.

Cast bronze, polished; length 4¼ ins.

	Per Doz
No. 228—Dull brass finish	$11 25

One doz in cardboard box with screws; wt per doz 2¾ lbs.



Cast bronze, polished; length 7½ ins.

	Per Doz
No. 448—Dull brass finish	$37 80

One-third doz in cardboard box with screws; wt per doz 6½ lbs.

SCREEN DOOR PULLS AND WINDOW LIFTS

Wrought steel; 3½x⅜ inches.

	Per Gro
No. 111-J—Japanned finish	$6 75
No. 116—Antique copper finish, with screws	7 20
No. 118—Dull brass finish, with screws	7 20
No. 119—Dull brass shaded sanded	8 25

Three doz in cardboard box; wt per doz 3 lbs.

	Per Gro
No. 500—Steel wire, brass plated; length over all 4⅝ ins	$4 05

Half gro in cardboard box; wt per box 3 lbs.

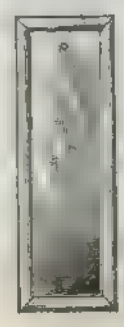
BARN DOOR PULLS

Flush

Japanned cast iron; size 3¾x2½ ins.

	Per Doz
No. F50	$3 75

One doz in cardboard box without screws; wt per doz 4 lbs.



GLASS PUSH PLATES

Commercial quality plate glass, beveled edge. Complete with holes drilled; nickel plated screws and rubber washers for attaching.

Nos.	6312	6315
Size, ins.	3x12	3½x15
Wt per doz, lbs	18	21
Per Doz	$9 00	11 55

One-sixth doz in cardboard box.

SAGER AXES

The Sager Axe is the highest grade axe manufactured and fully warranted against flaws or any fault of manufacture. This axe is made from the best grade of crucible steel entirely by old-fashioned hand process, bits are forged by hand and thoroughly hammered refining the steel as can be done in no other manner, and ground before tempering, avoiding all danger of drawing the temper; it is not polished for the same reason the color is natural just as it comes from the temperer dipped in transparent lacquer to prevent rust; there is nothing covered up by paint or fancy polish—the axe is just what it appears—the best axe made today; each bit is tempered separately, as this is the only successful way to produce an axe that will give service; this is more expensive than the usual way of tempering a large number of axes at one time, but the quality produced by the hand process much more than makes up for the increased price.

CALIFORNIA REVERSIBLE PATTERN

DOUBLE BIT

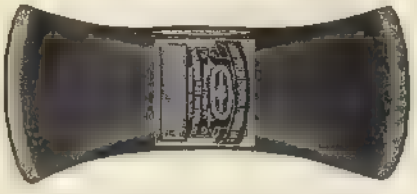
Sometimes called **Suiping**, are used for butting off ends of logs, and for general chopping purposes, in logging and wood camps, land clearing, etc.

DOUBLE BIT

Size, wt. each, without handle, lbs..	3	3½	4	4½	5
Wt. doz. cased— unhandled, lbs.	43	49	55	61	67
handled, lbs.	59	65	71	77	83
Unhandled .....Doz.	$36 00	36 00	36 60	37 20	37 80
Handled with 36 In. Handles.					
Forest King .....Doz.	$48 00	48 00	48 60	49 20	49 80
Monarch .....Doz.	47 25	47 25	47 85	48 45	49 05
Chillicothe .....Doz.	46 50	46 50	47 10	47 70	48 30
No. 1 .....Doz.	46 00	46 00	46 60	47 20	47 80

SWAMPING PATTERN

DOUBLE BIT



Used for cutting light timber and clearing underbrush, land, a narrow cutting edge being all that is used.

Size, wt. ea. without handle, lbs.	3½	4	4½	5
Wt. doz. cased unhandled, lbs.	49	55	61	67
Wt. doz. cased handled, lbs ..	65	71	77	83
Unhandled .....Doz.	$36 00	36 60	37 20	37 80
Handled with 36 In. Handles.				
Forest King .....Doz.	$48 00	48 60	49 20	49 80
Monarch .....Doz.	47 25	47 85	48 45	49 05
Chillicothe .....Doz.	46 50	47 10	47 70	48 30
No. 1 .....Doz.	46 00	46 60	47 20	47 80

EXTRA LONG NARROW FALLING PATTERN

DOUBLE BIT

Used for falling trees. Being extra long and narrow they will cut deeper and remove a smaller chip consequently they cut faster; also used for cutting notches in trees to put in spring board for men to stand on while sawing down the tree.

Size, wt. ea. without handle, lbs.	3½	4	4½	5
Wt. doz. cased unhandled, lbs.	49	55	61	67
Wt. doz. cased handled, lbs...	65	71	77	83
Unhandled .....Doz.	$36 00	36 60	37 20	37 80
Handled with 36 In. Handles.				
Forest King .....Doz.	$48 00	48 60	49 20	49 80
Monarch .....Doz.	47 25	47 85	48 45	49 05
Chillicothe .....Doz.	46 50	47 10	47 70	48 30
No. 1 .....Doz.	46 00	46 60	47 20	47 80

WESTERN CROWN PATTERN

SINGLE BIT

Used by Farmers, Campers, Freighters and for General Family Purposes.

Size, wt. each, without handle, lbs..	3	3½	4	4½	5
Wt. doz. cased— unhandled, lbs.	43	49	55	61	67
handled, lbs.	59	65	71	77	83
Unhandled .....Doz.	$30 00	30 00	30 60	31 20	31 80
Handled with 36 In. Handles.					
Forest King .....Doz.	$42 00	42 00	42 60	43 20	43 80
Monarch .....Doz.	41 25	41 25	41 85	42 45	43 05
Chillicothe .....Doz.	40 50	40 50	41 10	41 70	42 30
No. 1 .....Doz.	40 00	40 00	40 60	41 20	41 80

All **Sager Axes** are handled in our own handling department. For other handles than listed, add price of handles to price of unhandled axes plus 75c per dozen for handling.

One dozen in a wood box.

Keeping Strides With Progress

Newly designed "PIONEER" Aeroplanes add Fun, Pleasure, Happiness and Contentment to the growing child, all of which are conducive to increased health.

"Pioneer" Products Set the Pace

The manufacturers of "PIONEER" products, the oldest manufacturer of vehicles in America, are invariably first in the field to meet the demand of the modern market and are the ultimate choice of discriminating parents and children alike.

PRACTICAL GIFTS THAT BRING HAPPINESS

No. 8L/899
List
$39.35

THE MAIL PLANE
(Choice of two Models)
"Pioneer" Aeroplane No. 8L 899 Illustrated
High Speed Drive

What boy, in this day of air mindedness, does not entertain future thoughts of emulating the exploits of that now famous air mail pilot Col. Lindbergh and how manifest keen interest and quickly display unusual knowledge of aeronautics when they have a vehicle of this type. This model is designed primarily as a vehicle for those seeking the very best. Every provision for ease of operation comfort lasting service and ultimate satisfaction has been provided. It is a vehicle the boy will want and one of which he will never tire. The high grade materials and the fine workmanship are very evident in the attractiveness of this splendid model. The factory price is interestingly modest. Ideal as a Holiday or Birthday Gift

Note Specifications and Equipment

Body—Size of chassis 13x32 inches. Length overall 51 inches. Wing spread, 31 inches. **Finish**—Body and Fuselage silver steel, striped and decorated in green, blue and red, with green bands. Rudder, green enameled. Propeller, red. Wheels, green. **Equipment As Shown**—including ball bearing front axle hanger brackets. Full ball bearing high speed chain and sprocket drive. Propeller revolves when aeroplane is operated, being driven by belt connected with front axle. Large cast steering wheel. **Wheels**—10x1 inches Rubber Tired balloon type disc in front and 8¼x1 inches Rubber Tired disc in rear. **Weight**—Packed one in a crate, 65 lbs.

No. 8L/899 "Pioneer" Mail Plane, as illustrated. Each $39.35

"Pioneer" Mail Plane No 8L/897 Not Illustrated

Same as above except fitted with plain bearing treadle drive. Also propeller is not power driven but can be revolved by hand, and finish differs as follows: Body and Fuselage, bright crimson striped and decorated in green and yellow. Rudder, green enameled. Propeller, natural. Wheels, green.

No 8L/897 "Pioneer" Mail Plane not illustrated. Each $32.00

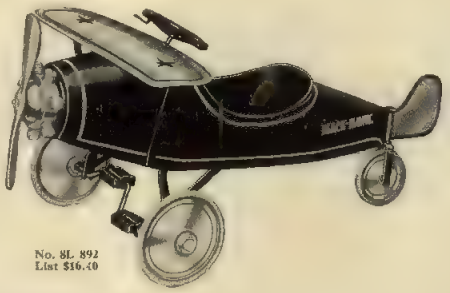
THE BLACK HAWK
"Peerless" Aeroplane No. 8L/892 Illustrated

An ideal size and a popular priced aeroplane. Sturdily constructed of selected materials and attractively finished in a very pleasing color combination. Like the other models illustrated on this page it will afford your child many hours of self entertainment and joy. Has U. S. Air Service Insignia on wings. Front and rear wheels are equipped with one-half inch rubber tires, which make riding easy and tireless. Ample seat space for ideal comfort. It is an outstanding value at this price.

Note Specifications and Equipment.

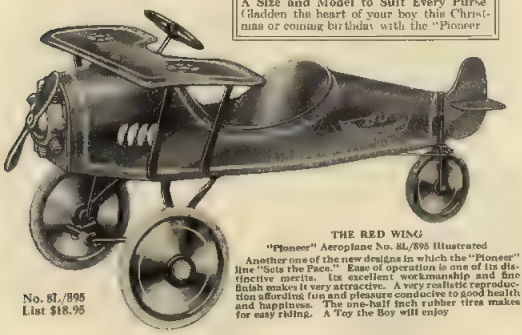
Body—Size of chassis, 11¼x26 inches. Length overall, 44½ inches. Wing spread, 23 inches. **Finish**—Body and fuselage black enameled, striped and decorated in bright Red and Cream. Wing, Cream enameled striped in Black and decorated in bright Red. Rudder and propeller, Red enameled. Motor aluminized and decorated in Red Wheels, Cream. **Equipment as Shown**—Including cheating attachment which operates when the propeller is revolved adding a realistic touch. Propeller is not power driven. **Wheels**—8x1½ inches Rubber Tired disc in front and 5½x1½ inches Rubber Tired disc in rear. **Weight**—Packed one in crate, 20 lbs.

No 8L/892 "Pioneer" Black Hawk Aeroplane, as illustrated. Each. . $16.40



No. 8L 892
List $16.40

A Size and Model to Suit Every Purse
Gladden the heart of your boy this Christmas or coming birthday with the "Pioneer"



No. 8L/895
List $18.95

THE RED WING
"Pioneer" Aeroplane No. 8L/895 Illustrated

Another one of the new designs in which the "Pioneer" line "Sets the Pace." Ease of operation is one of its distinctive merits. Its excellent workmanship and fine finish makes it very attractive. A very realistic reproduction affording fun and pleasure conducive to good health and happiness. The one-half inch rubber tires makes for easy riding. A Toy the Boy will enjoy

Note Specifications and Equipment.

Body—Size of chassis, 12x42 inches. Length overall, 50 inches. Wing spread, 30 inches. **Finish**—Body and fusilage, Ranier grey enamel, striped and decorated in red and yellow. Wings, red enameled. Rudder, propeller and wheels, red enameled. Gear, black enameled. **Equipment as Shown**—Wheels, 10x1½ inches Rubber Tired disc in front and 7x1½ inches Rubber Tired disc in rear. **Weight**—Packed one in a carton, 40 lbs.

No. 8L/895 "Pioneer" Red Wing Aeroplane, as illustrated. Each. $18.95

F.O.B. OHIO FACTORY

RIFLES

MARLIN REPEATING

Model No. 38, Take-Down, Hammerless, Half Magazine. Handles without change or adjustment all 22 short, 22 long and 22 long rifle cartridges. Slide action; side ejection; solid top, closed-in frame. Barrel and receiver blued finish; hard rubber butt plate.

Barrel best quality gun barrel steel; ivory bead front and rocky mountain flat top rear sights. Black walnut butt stock and action slide handle; pistol grip. Length butt stock 13⅜ inches; drop at comb 1 7/16 inches; drop at heel 3 inches; length over all 40 inches. Magazine capacity 16, 22 short, 12, 22 long or 10, 22 long rifle cartridges.

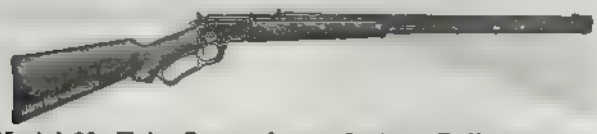
22 caliber; shoots R. F. cartridges; **22 Short,** Nos. 22SL, 22SB, 22SSU, 22SSG, 22SSHP, 22SLHP; **22 Longs,** Nos. 22LL, 22LB, 22LSU, 22LSG, 22LSUHP, 22LLHP; **22 Long Rifle,** Nos. 22LRL, 22LRS, 22LRSHP, 22LRHP.

Each

No. 38-0—24 in. octagon barrel $60 30

Ten in wood case; wt each 5½ lbs.

MARLIN REPEATING



Model 39, Take-Down, Lever Action, Full Magazine.

Handles without change or adjustment all 22 short, 22 long and 22 long rifle cartridges. Lever action; visible hammer; side ejection; solid top, closed-in frame. Blued barrel and case hardened receiver; hard rubber butt plate. Best quality gun barrel steel. Octagon barrel 24 inches long; ivory bead front and flat top rocky mountain rear sights. Black walnut butt stock and forearm; pistol grip; length butt stock 13⅜ inches; drop at comb 1¾ inches; drop at heel 2⅞ inches; length over all 41 inches. Magazine capacity, 25, 22 short, 20, 22 long or 18, 22 long rifle cartridges.

Each

No. 2239M—22 caliber; shoots R. F. cartridges; **22 Shorts,** Nos. 22SL, 22SB, 22SSU, 22SSG, 26SSHP, 22SLHP; **22 Longs,** Nos. 22LL, 22LB, 22LSU, 22LSG, 22LSUHP, 22LLHP; **22 Long Rifle,** Nos. 22LRL, 22LRS, 22LRSHP, 22LRHP; wt each 5¾ lbs $75 90

Ten in wood case.

MARLIN REPEATING

Model 93, Solid Frame Full Magazine, 10 Shots.

Adapted to use high power smokeless cartridges. Lever action; visible hammer; side ejection; solid top, closed-in frame. Blued finish barrel and butt plate; case hardened receiver. Special smokeless steel barrel, 26 inches long, made especially to stand the continued use of high powder smokeless loads with jacketed bullets. Rocky mountain front and rear sights. Black walnut straight grip, butt stock and forearm; drop at comb 1¾ inches; drop at heel 2¾ inches; length over all 44⅛ inches.

Octagon Barrel, Center Fire.

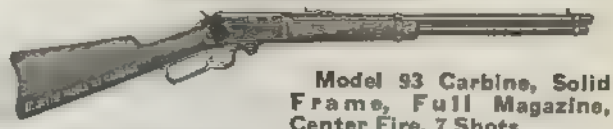
No. 3093-0—30-30 caliber; shoots Nos. 30-30WMC and 30-30WSP cartridges; wt each 7¼ lbs ..... Each $85 50

32 special caliber; shoots Nos. 32WSPMC and 32WSPSP cartridges.

Ten in wood case; wt each 7¼ lbs.

RIFLES

MARLIN REPEATING



Model 93 Carbine, Solid Frame, Full Magazine, Center Fire, 7 Shots.

Adapted to use high power smokeless cartridges. Lever action; visible hammer; side ejection; solid top, closed-in frame. Round blued finish barrel and butt plate; case hardened receiver. Special smokeless steel barrel, 20 inches long; carbine front and rear sights. Black walnut straight grip butt stock and forearm; drop at comb 1¾ inches; drop at heel 3 inches; length over all 38 inches. Each

No. 3093-C—30-30 caliber; shoots No. 30-30WMC and 30-30WSP cartridges; wt each 6¾ lbs $82 50

One in cardboard box; ten in wood case

SAVAGE REPEATING

Sporter Model 23, Bolt Action, Hammerless, Six Shot.

22 caliber repeating bolt action rifle; 23 inch round barrel; one piece stock and forearm of selected American walnut, full curve pistol grip, varnished. Sights are rocky mountain knife blade front and flat top elevator adjustment rear, of sturdy construction. Action obtains half cock on opening stroke, full cock on closing stroke. Five shot detachable rotary box type magazine with numeral indicator. Each

No. 23A-22—22 caliber; shoots Nos. 22LRL, 22LRS, 22LRSHP, 22LRLHP, 22NRA and 22 NRAHP long rifle cartridges; wt each 6 lbs $47 10

No. 23A-M—Extra magazine for No. 23A-22 rifle 1 65

Ten in wood case; wt per case about 60 lbs.

SAVAGE REPEATING

Sporter Model 23, Bolt Action, Hammerless, Six Shot.

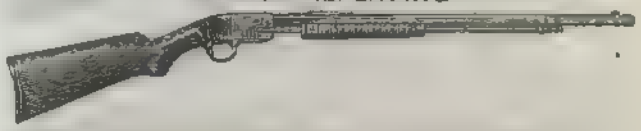
25-20 caliber bolt action rifle with rear locking lug on bolt into receiver. Best round steel barrel 25 inches long; sights are Rocky Mountain knife blade front and flat top elevator adjustment rear of sturdy construction. One piece stock and forearm of selected American walnut, varnished; full curved pistol grip. Five shot detachable box rotary type magazine with numeral indicator. Each

No. 23B-25-20—25-20 caliber; shoots Nos. 25-20WMB, 25-20WSMC, 25-20WSSP and 25-20HS; wt each 6 lbs $56 10

No. 23C-32-20—32-20 caliber; shoots Nos. 32-20WMB, 32-20WSMC, 32-20WSSP and 32-20HS; wt each 6 lbs 56 10

Ten in wood case; wt per case about 80 lbs.

SAVAGE REPEATING



Model 29, Hammerless Take Down 22 Caliber.

Chambered to shoot ,without adjustment 22 caliber short, long, or long rifle rim fire cartridges.

Magazine capacity 20 shorts, 17 long or 15 long rifle cartridges.

24 inch octagon blued steel barrel with slide forearm. Well shaped and grooved to give the hand a better grip. Fitted with flat top hunting style rear sight with elevator adjustment and Lyman gold bead front sight.

Genuine American walnut pistol grip stock with hard rubber butt plate.

Smooth working, simple and durable new action, extra long forearm and new take-down greatly simplified. Conveniently located and strong locking. Weight each 5½ lbs. Each

No. 29-22—22 caliber; shoots, short, long or long rifle rim fire cartridges $48 30

Ten in wood case; wt per case 75 lbs.

RIFLES

SAVAGE REPEATING

Model 99, Hammerless, Six Shot.

Solid breech, lever action, polished breech bolt, case hardened lever, blued receiver.

Hi-Pressure steel round tapered barrel 24 inches long; white metal bead front sight on raised ramp base and adjustable flat top sporting rear sight.

Varnished American walnut stock and forearm, steel rifle butt plate. Magazine rotary box type with numeral indicator. Hammer indicator showing automatically, cocked or fired position of hammer. Magazine capacity five cartridges.

Solid Frame.

Each

No. $30-30R—30-30 caliber; shoots Nos. 30-30WMC and 30-30WSP cartridges; wt 7¼ lbs ..... ✦$102 00

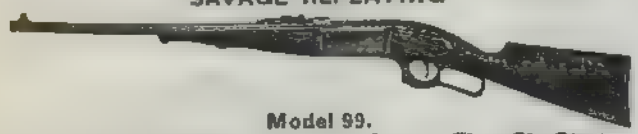
No. $303R—303 caliber; shoots Nos. 303SMC and 30-3SSP cartridges; wt 7½ lbs ..... ✦ 102 00

Takedown.

No. $30-30TD—30-30 caliber; shoots Nos. 30-30WMC and 30-30WSP cartridges; wt 7¾ lbs..... ✦ 113 85

Ten in wood case; wt per case about 115 lbs.

SAVAGE REPEATING



Model 99.

22 Caliber, Savage, Hi-Power; Center Fire, Six Shot.

Built with the Savage strong and durable take down feature which is the simplest and most convenient ever devised.

Solid breech, lever action, polished breech bolt, case hardened lever, blued receiver.

Hi-Pressure steel round tapered barrel 24 inches long; white metal bead front sight on raised ramp base and adjustable flat top sporting rear sight.

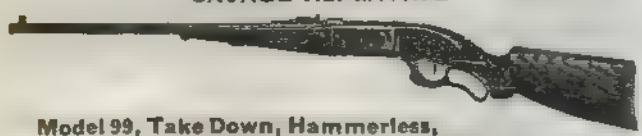
Highly finished American walnut stock and forearm, shot gun steel butt plate. Magazine rotary box type with numeral indicator. Hammer indicator showing automatically cocked or fired position of hammer. Magazine capacity five cartridges.

Each

No. $22HP—22 caliber; shoots Nos. 22SSP and 22SMP center fire cartridges; wt each 7 lbs.. ..... $113 85

Ten in cardboard box; wt per case about 85 lbs.

SAVAGE REPEATING



Model 99, Take Down, Hammerless,
250-3000 Caliber Center Fire, Six Shot.

Has higher velocity, flatter trajectory and greater accuracy than any other rifle made in this country. The velocity is 3,000 feet per second. The energy is 1789 foot pounds and the trajectory (mid-range height for 300 yards 5.7 inches) is so flat that sight need not be raised for the longest sporting ranges.

Hi-Pressure steel round tapered barrel 22 inches long; white metal bead front sight on raised ramp base and adjustable flat top sporting rear sight.

Highly finished American walnut stock and forearm, checkered, shot gun butt stock, full pistol grip, corrugated steel butt plate. Magazine rotary box type with numeral indicator. Hammer indicator showing automatically cocked or fired position of hammer. Magazine capacity five cartridges. Each

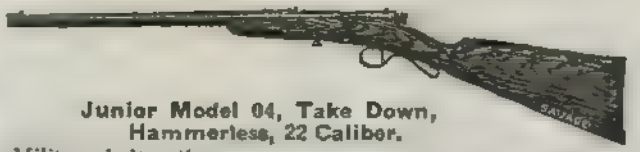
No. 250-3000—250-3000 caliber; shoots Nos. S250-3000 MP and S250-3000SP cartridges; wt each 7¼ lbs $123 75

Ten in wood case; wt per case about 110 lbs.

✦F. O. B. New York Factory Only.

RIFLES

SAVAGE, SINGLE SHOT



Junior Model 04, Take Down,
Hammerless, 22 Caliber.

Military bolt action.

The closing knob automatically cocks the arm and after the cartridge has been fired, the opening movement again automatically ejects the empty shell. Blued steel, round barrel 18 inches long; genuine American walnut stock and fore-end; shot gun butt, steel plate. Weight 3 lbs.

No. $2204 22 caliber; shoots the following R. F. cartridges: **22 Shorts,** Nos 22SL, 22SB, 22SSU, 22SSG, 22SSHP, 22SLHP, **22Longs,** Nos. 22LL, 22LB, 22LSU, 22LSG, 22LSUHP, 22LLHP, **22 Long Rifle,** Nos. 22LRL, 22LRS, 22LRSHP, 22LRLHP. Each $19 80

Ten in wood case; wt per case about 40 lbs.

—ESSEX—SINGLE SHOT

Take Down, Bolt Action.

24 inch round blued steel barrel with genuine Lyman ivory bead front sight, rocky mountain rear sight. One screw take down, one piece removable bolt with rebounding striker; positive ejection. Duco water-proof finish pistol grip stock with steel butt plate. Solid one piece trigger guard. Receiver is 5 inches and bolt assembly 5¼ inches long with a good bolt lever for quick, easy, smooth action. Weight each 4 pounds.

Each

No. E22—22 caliber; shoots 22 shorts, 22 longs and 22 long rifle..... $14 70

Ten and twenty five in wood case.

THE NEW STEVENS HAMMERLESS REPEATING

Take Down.

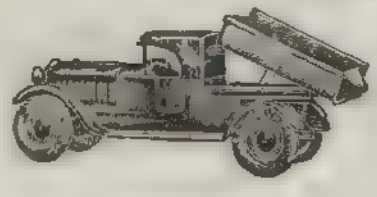
24 inch round tapered blued finish barrel with genuine Lyman ivory bead front sight and sporting rear sight. Select American walnut straight grip stock with regulation steel butt plate. Tubular magazine. Simple two part take down with extremely short movement breech block. Side ejection. Cylindrical safety behind trigger. Weight 5¼ lbs.

Each

No. 75-22—22 caliber; magazine holds fifteen 22 long rifle, seventeen 22 long or twenty 22 short cartridges..$43 35

Ten in wood case.

PULL TOYS
SCHIEBLE'S



SAND TRUCK

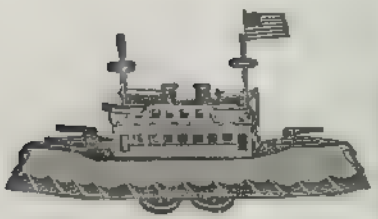
Sheet steel, electrically welded; purple enameled body, decorated in red and yellow.

Per Doz
No. 6—Size 18¾x7¼x5⅝ ins. **$25 50**
One in carton, one doz in case; wt per doz 30 lbs

ENGINE

Sheet steel, electrically welded; red enameled, decorated in black and yellow.

Per Doz
No. 8—Size 21x5¼x4⅝ ins. **$25 50**
One in carton, one doz in case; wt per doz 27 lbs.



BATTLESHIP

Sheet steel, electrically welded; cream enameled, decorated in red, blue and black.

Per Doz
No. 9—Size 18¾x 6¼x4¾ ins. **$25 50**
One in carton, one doz in case; wt per doz 24 lbs.

SEDAN

Sheet steel, electrically welded; green enameled, decorated in black and yellow.

Per Doz
No. 7 — Size 17⅝x 7½x5⅝ ins. **$25 50**
One in carton, one doz in case; wt per doz 27 lbs.

FIRE ENGINE

Sheet steel, electrically welded; red enameled decorated in black and yellow.

Per Doz
No. 18—Size 20x6⅞x5½ ins. **$28 50**
One in carton, one doz in case; wt per doz 33 lbs.

PULL TOYS
SCHIEBLE'S

LADDER TRUCK

Sheet steel electrically welded; red enameled decorated in black and yellow.

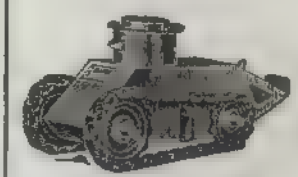
Per Doz
No. 19—Size 20x7¾x5½ ins. **$28 50**
One in carton, one doz in case; wt per doz 36 lbs.

STEEL TOYS
STRUCTO

All steel construction, green, red and black enameled finish. Caterpillar type tractor, equipped with powerful spring motor. Disc wheels.

Tractor and Three Trailers.

Per Doz
No. 45—Length over all 28½ ins; width 3¾ ins; wt each 3¼ lbs. **$90 00**



TANK

Designed like the famous Whippet tank. Powerful slow speed motor drives the mechanical caterpillar smoothly over rugs, carpets or rough surfaces. Caterpillar traction has 2 inch sprocket in front and 1 inch sprocket in rear.

Per Doz
No. 48—Length 10½ ins; width 3½ ins; finished in French gray, trimmed with red and gold **$78 00**
One in cardboard box; wt per doz 36 lbs.

GIANT STEAM SHOVEL

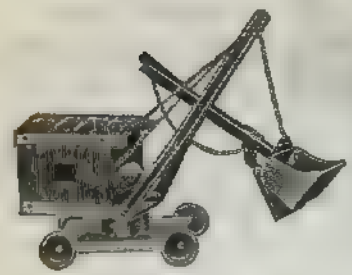
All steel construction, red, green and black enameled finish. Hoisting chains are operated by a drum mechanism that automatically closes the bucket when it reaches the loading point and dumps the bucket when it reaches the desired height. Disc wheels.

Per Doz
No. 110—Height 12⅞ ins; length 21¼ ins; width 6 ins **$62 50**
One in cardboard box; wt per doz 30 lbs.

STEEL TOYS

STRUCTO

STEAM SHOVEL



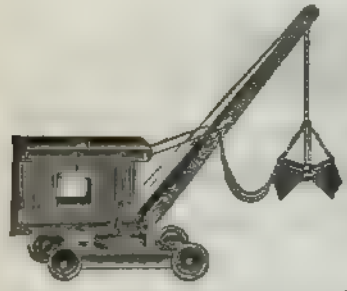
All steel construction, red, green and black enameled finish. Hoisting chains are operated by a drum mechanism that automatically close the bucket when it reaches the loading point and dumps the bucket when it reaches the desired height. Disc wheels.

Per Doz

No. 112—Height 10½ ins; length 14½ ins; width 4½ ins **$28 50**

One in cardboard box; wt per doz 18 lbs.

GRAB BUCKET



All steel construction, red, green and black enameled finish. Hoisting chains are operated by a drum mechanism that automatically close the bucket when it reaches the loading point and dumps the bucket when it reaches the desired height. Disc wheels.

Per Doz

No. 52—Height 12 ins; length 13 ins; width 4½ ins.. **$28 50**

One in cardboard box; wt per doz 18 lbs.

HOISTS

All steel construction, red, green and black enameled finish. Hoisting chains are operated by a drum mechanism with positive lock stop at any point.

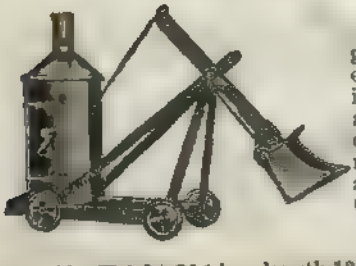
Disc wheels.

Per Doz

No. 114—Height 12 ins; length 13 ins; width 4⅝ ins **$28 50**

One in cardboard box; wt per doz 18 lbs.

STEAM SHOVEL



All steel construction, green, black and red enameled finish. Hoisting rope is operated by drum mechanism that automatically closes the bucket when it reaches the loading point and dumps when it reaches the desired height.

Disc wheels.

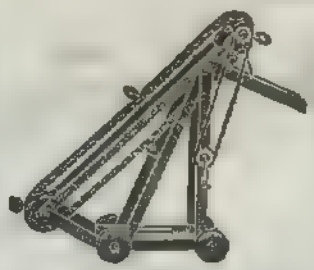
Per Doz

No. 50—Height 9¼ ins; length 13¾ ins; width 4½ ins **$23 25**

One in cardboard box; wt per doz 21 lbs

STEEL TOYS

STRUCTO



SAND LOADER

All steel construction, red and blue enameled baked on. Fitted with 4 buckets which convey sand to top of machine and dump into chute. Operated by turning handle.

Per Doz

No. 51—Height 12 ins; length 13 ins; width 3⅛ ins.. **$28 50**

One in cardboard box; wt per doz 24 lbs.

MECCANO OUTFITS

TOY ENGINEERING FOR BOYS

Meccano outfits are composed of pieces of stamped steel imitating iron girders, beams and other structual parts. These pieces are so punched that miniature bridges, office, and other buildings can be constructed.

It is a toy that brings out the imaginative and constructive ideas of children.

Illustrated instruction showing different constructions is furnished with each set.

Complete with 131 parts; enabling any boy to build Trucks, Airplanes, Lathes, etc. Manual included shows 105 models.

Per Set

No. 1—Wt per set 3 lbs.. **6 60**

One set in cardboard box. $3 00

MECCANO ACCESSORY OUTFITS

The outfits are designed to make it possible for one starting with a small outfit to build up his equipment by easy stages, until he has parts which cover the entire system.

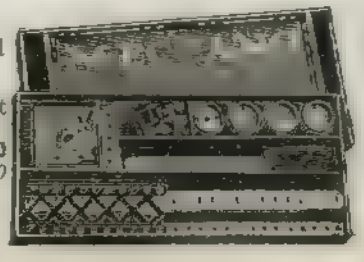
This set converts a No. 1 into a No. 2.

Per Set

No. 1A—Wt per set 1⅞ lbs..... **6 60**

$3 00

One set in cardboard box.



TOY PIANOS

SCHOENHUT

Hardwood, imitation rosewood finish; imitation ivory keys; complete with instruction book.

Nos.	M128	M130
No. keys	8	10
Length, ins	9¼	11
Height, ins	6½	7½
Width, ins	8½	10¾
Wt per doz lbs	23	30
Per Doz	$25 50	39 00

One-twelfth doz in cardboard box.

SCHOENHUT

Hardwood, rosewood finish; imitation ivory keys.

Nos.	M132	M134	M136	M138
No. keys	12	14	16	18
Length, ins	9	10	11	22½
Height, ins	12½	15¾	17½	14½
Width, ins	13¼	14½	15½	20
Wt per doz, lbs	49½	69	78	84
Per Doz	$57 00	78 00	93 00	138 00

One-twelfth doz in cardboard box.

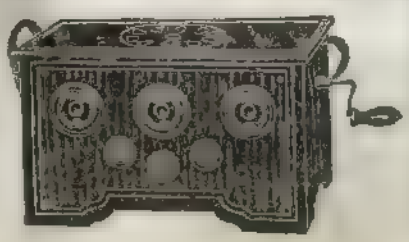
SCHOENHUT

Hardwood, mahogany finish; imitation ivory keys. Made so they can be played on the keyboard, in addition they contain a small music works. Small size is operated with crank and plays one tune, large size is equipped with spring and wound with key, has twenty-eight notes and plays two different tunes.

Nos.	Upright Type. M142	Baby Grand Type. M141
No. keys	11	8
Length, ins	11¼	9¼
Height, ins	11⅝	6½
Width, ins	8¼	8½
Wt, per doz lbs	61½	24
Per Doz	$156 00	117 00

One in cardboard box.

RADIO ORGANS



Tin decorated music box resembling dials of a radio. Machanism worked by hand with crank on side. Cloth strap attached for carrying over shoulder. Plays church music.

Per Doz

No. 65—Length 6½ ins; width 4⅛ ins; depth 4 ins. $39 00

One in cardboard box; wt per doz 12 lbs.

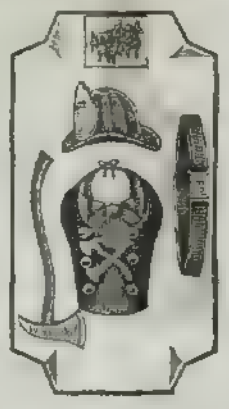
CHILDREN'S PLAY SUITS

SCHOENHUT, Police Uniforms.

Per Doz

No. M150—Outfit consists of cap, breastplate, belt, cap, billy and chain nippers $42 00

One in cardboard counter display box; wt per doz 15 lbs



SCHOENHUT
Fireman's Uniform.

Per Doz

No. 160—Outfit consists of hat, belt, breastplate and axe $48 00

One in cardboard counter display box; wt per doz 18 lbs.

TOYS

SCHOENHUT, Humpty Dumpty Circus.

Made of solid wood, leather, rubber, etc, jointed similar to a doll but much stronger. Painted in enamel colors. The heads, arms and legs are movable, so that the figures can be set in and endless variety of positions. The donkey and elephant can be stood on one leg, made to sit up or lie down, the clowns can be set in any position and made to imitate any variety of tricks on the ladder in midair.

Per Doz

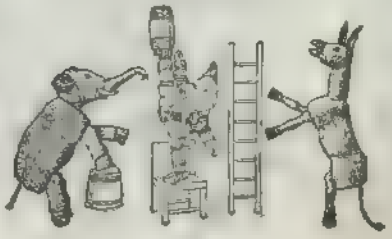
No. 161—Set consists of 4 pieces clown, ladder, chair and barrel $19 50

One set in cardboard box; wt per doz 5 lbs

Per Doz

No. 162—Set consists of 5 pieces clown, donkey, ladder, chair and barrel $33 00

One set in cardboard box; wt per doz 9 lbs.



Per Doz

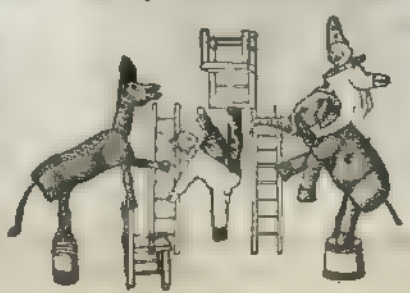
No. 163—Set consists of 6 pieces, clown, donkey, elephant, ladder, chair, barrel and platform $54 00

One set in cardboard box; wt per doz 24 lbs.

Per Doz

No. 164—Set consists of 8 pieces, 2 clowns, 2 ladders, 2 chairs, elephant, donkey, barrel and platform $75 00

One set in cardboard box; wt per doz 30 lbs.



TOY UKELELES

Sheet metal head, mahogany finish; wood neck, fitted with four gut strings; wood pegs.

Per Doz

No. 80—Length over all 10 ins; head 5x3¼ ins; depth ⅞ in..... $6 30

One in cardboard box; wt per doz 5 lbs.

SCHOENHUT

Basswood head, mahogany rubbed finish; gut strings; wood pegs. The neck has regulated frets and can be played like a real instrument.

Per Doz

No. 17—Length over all 14½ ins; head 6x9 ins; depth 1¾ ins.....$27 00

One in colored cardboard display box; wt per doz 10½ lbs.

SCHOENHUT

Natural finish plain wood rim, calf skin head held in rim by nickel plated ring; silk strings, wood bridge. The neck has regulated frets and can be played like a real instrument.

Nos.	20	22
Length over all, ins	16¾	21
Diam head, ins	5¾	7
Depth, ins	1	1¼
Wt per doz, lbs	9	14½
Per Doz	$27 00	54 00

One in cardboard box.

SCHOENHUT

Round hollow basswood head, natural wood finish; wood pegs and bridge; silk strings. Fret markings.

Per Doz

No. 16—Length over all 14¼ ins; diam head 5 ins; depth 1 in..... $13 50

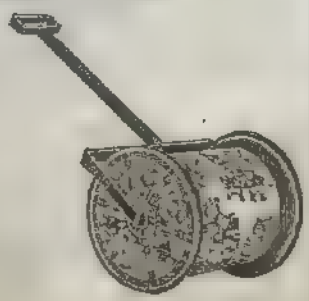
One in colored cardboard display box; wt per doz 6 lbs.

MUSICAL PUSH TOYS

SCHOENHUT

Roller Chimes.

One piece steel handle. Lithographed wood music box mounted on wood wheels with rubber tires. Produces a sweet melodious and pleasing sound when pushed across floor. Music in the chimes produced by the automatic picking on spanned piano wire.



Per Doz

No. 800—Diam wheels 4 ins; length over all 20 ins... $13 50

One in cardboard box; wt per doz 10 lbs.

FLOOR CHIMES

16 inch stained wood handle. Nickel plated steel wheels and bell. Produces a sleigh bell jingle when rolled. Per Doz

No. 817—Diam wheels 8 ins..... $6 30

One doz in cardboard box; wt per doz 5½ lbs.

Per Doz

No. 835—Diam wheels 5 ins..... $12 75

Packed loose; wt per doz 8½ lbs.

TOY METALLOPHONES

SCHOENHUT

Covered with a finely colored and highly embossed lithographed bronze keys; complete with sticks and book of instructions.

Nos.	58	512
No. notes	8	12
Wt per doz, lbs	9	12
Per Doz	$6 30	12 75

One in cardboard box.

SCHOENHUT

¾ inch flat steel plate notes mounted in hardwood frame, enameled in attractive colors. A very amusing musical toy for the children.

Per Doz

No. 522—8 notes; length 8¼ ins, width 3½ ins..... $25 50

One in cardboard box; wt per doz 6 lbs.

TOY PIANOS

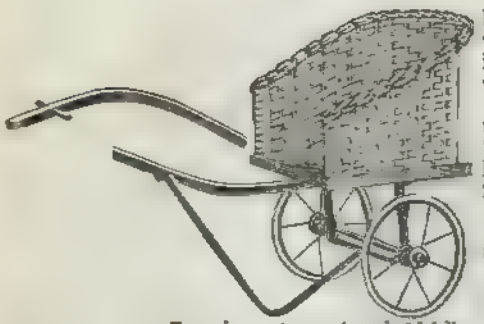
SCHOENHUT

Hardwood, rosewood finish; imitation ivory keys.

Nos.	M116	M118	M120	M122
No keys	6	8	10	12
Length, ins	7½	9¼	11⅝	13⅛
Height, ins	6¼	7	8	8¾
Width, ins	5	6	6⅞	7¼
Wt per doz, lbs	13½	15	27	39
Per Doz	$12 75	21 00	27 00	39 00

One-twelfth doz in cardboard box; book of instructions furnished with Nos. 118, 120 and 122.

DOLL SULKIES



Flat fibre body; hardwood tongue; 6 inch wire wheels with ¼ inch rubber tires. Size seat 7x8½ inches; length over all 27 inches.

Light blue enameled finish.

Each
No. 790—$4 50

Four in carton; wt each 3½ lbs.

Round fibre body, hardwood tongue 6 inch wire wheels with ¼ inch rubber tires. Size seat 7x8½ inches; length over all 27 inches.

Light tan enameled body with ivory band around top, black enameled wheels and gear.

No. 792—Each $4 80
(Sold in full carton lots only.)
Four in carton; wt each 3½ lbs.

TEDDY BEARS

Stuffed body, covered with cinnamon colored plush, with ribbon around neck; jointed at hips and shoulders; movable head with glass eyes; squeak voice.

Per Doz
No. 428—Height over all 10 ins; wt per doz 3½ lbs..... $
Two doz in cardboard box.

No. 450—Height over all 15 ins; wt per doz 7 lbs..... $25 50
Half doz in cardboard box.

STUFFED ANIMALS

DOG IN DOG HOUSE

Consists of white and brown plush dog with glass eyes and blue silk ribbon around neck and red and black cardboard dog house with door and window.

Per Doz
No. 00—Height of dog 4½ ins; size house 6x4x4 ins..... $25 50
One in cardboard box; wt per doz 2 lbs.

BILLY

Grey and brown short pile plush with glass eyes and blue silk ribbon around [redacted]

Per Doz
No. 1—Height 7¼ ins..... $33 00
One in cardboard box; wt per doz 5 lbs.

STUFFED ANIMALS

BILLY THE LUCKY PUP
In Assorted Colors.

Long pile plush in assorted colors of canary, fawn, pink, blue, rose, orchid and white with glass eyes and assorted colored silk ribbon around neck.

Per Doz
No. 251—Height 7 ins; wt per doz, 6½ lbs..... $48 00
No. 253—Height 9½ ins; wt per doz 10¾ lbs 78 00
One in cardboard box.

CHARACTER DOLLS

AUNT JEMIMA

Composition head and hands, well stuffed body, with very distinct cry voice. Dressed in flowered gaily colored dress with a white apron and shawl and a red bandanna. An exact reproduction of the well known Aunt Jemima.

Per Doz
No. 1604—Height 14 ins..... $28 50
One-twelfth doz in cardboard box; wt per doz 18 lbs

DOMESTIC DOLLS

DRESSED

Unbreakable composition head; stuffed body; dressed in middy and skirt; assorted colors.

Per Doz
No. 301—Height 12 ins..... $6 30
One doz in cardboard box; wt per doz 6 lbs.

ROLLY DOLLYS

SCHOENHUT

Hard composition body with oval weighted base. Artistic in designs, handsomely decorated and finished in brilliant colors. Self-righting.

Per Doz
No. 510—Height over all 9 ins..... $13 50
Assorted, quarter doz in cardboard box; wt per doz 12⅜ lbs.

SCHOENHUT

Hard composition body with oval weighted base. Artistic in designs, beautifully decorated and finished in bright attractive colors. Self-righting.

Per Doz
No. 520—Assorted 3 of each type, 6 each 10¾ ins, 3 each 11½ ins and 3 each 11¼ ins high..... $25 50
One in cardboard box; wt per doz 22 lbs.

The line that sets the fashion pace in the popular price field

CHICAGO FAIR
HOTEL
MORRISON
ROOM 624
B. SHAW, Representing

"SHAW" DOLLS

For JOBBERS and QUANTITY BUYERS

A Completely New Assortment of

25c to $10.00 SELLERS

with a wide variety of exclusive creations
to satisfy the most discriminating doll buyer

If you do not plan to attend the Chicago Toy Fair we will gladly send samples

SHAW DOLL CO., Inc.

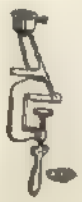
141 WOOSTER STREET NEW YORK CITY
Phone: Spring 2892

SHEET METAL WORKERS' MACHINES

PEXTO

BENCH STANDARDS

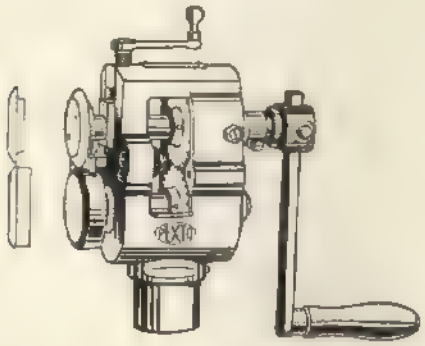
Regular Offset
No. 975.



Wiring Offset
No. 976.

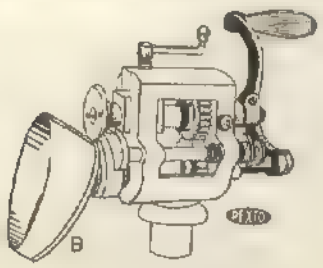
Nos.	975	976
Size hole, inches	1⅝	1⅝
Height, overall from bench, inches	9¾	9¾
Shipping wt., each, lbs.	10½	11
Each	$2 75	2 75

WIRING MACHINES



No. 525. With standard. Diameter of rolls, 3 inches. Will receive wire up to No. 0 gauge. Furnished complete with offset bench standard No. 976. Shipping wt., 31 lbs. .....Each $30 00

ELBOW EDGING MACHINES



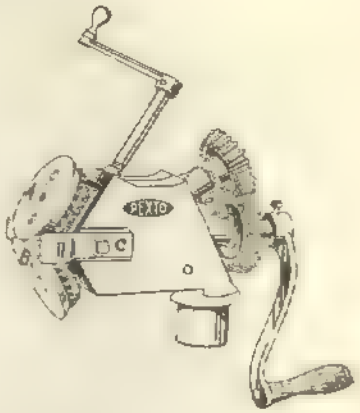
Columbian.

Capacity 24 Gauge Iron and Lighter.

For a small output of elbows this pattern will answer the purpose, but for a large elbow manufacturer we suggest a more rigid machine. Furnished with No. 975 standard.

No. 551. Diameter of rolls 2⅛ inches. Shipping wt., approximately 25 lbs. .....Each $26 00

SETTING DOWN MACHINES



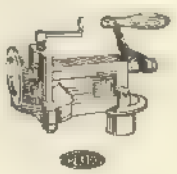
Pexto.

Capacity 24 Gauge Iron and Lighter.

The improvements in this setting down machine adapts it for setting down the seams on differently shaped vessels to better advantage than any other design. The inclined position of both upper and lower faces allows work to be held up or down and seams to be started inward while setting down, thereby facilitating the operation of double seaming. Adjustable gauges with idler rollers are fitted. Furnished with No. 975 standard.

No. 561. With standard. For seams up to ⅜ inch wide. Shipping wt., approximately 60 lbs. .....Each $32 00

SETTING DOWN MACHINES



Columbian.

Capacity 24 Gauge Iron and Lighter.

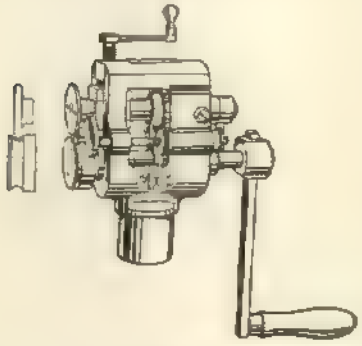
The extra small faces on this machine make it possible to burr or flange very small can bottoms and bodies. This feature adapts the machine to work where a machine with larger rolls would prove impracticable. Furnished with No 975 standard.

No. 556. For seams up to 3/16 inch. Shipping wt., approximately 23 lbs. .....Each $26 00

SHEET METAL WORKERS MACHINES.

PEXTO

TURNING MACHINES



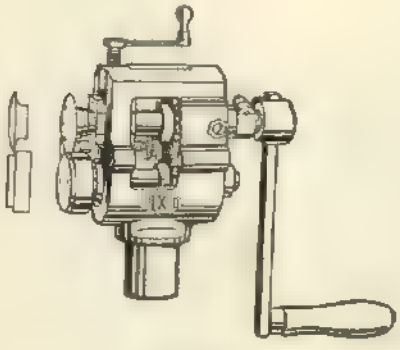
Columbian.

A highly serviceable turning machine with solid open frame of the highest grade of excellence The tinsmith or sheet metal worker will find in these patterns every modern improvement combined with the highest quality materials. Furnished complete with No. 976 standard.

No. 541. Small; with standard. Diameter of rolls 2 1/16 inches; smallest diameter of wire that can be used, 10 gauge; largest, 7 gauge. Shipping wt., 25 lbs...Each **$26 00**

No. 542 Large; with standard. Diameter of rolls, 3 inches; smallest diameter of wire that can be used, 9 gauge; largest, 4 gauge. Shipping wt., 31 lbs..Each **$27 00**

BURRING MACHINES



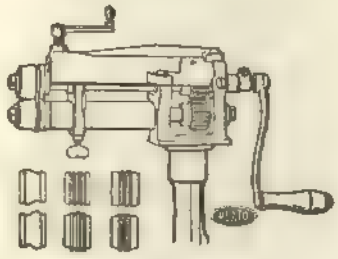
Columbian.

Burring machines in open pattern with solid frame of improved design well known for their splendid wearing qualities, accuracy and ease of operation. The rolls are forged from special high grade material giving extreme wearing qualities to the fine edge in the rolls necessary to produce a satisfactory uniform flange on a number of blanks. Furnished complete with No. 976 standard

No. 576. Small; with standard. Diameter of rolls, 1½ inches; widest flange or burr that can be turned, 3/16 inch. Shipping wt., 21 lbs. .....Each **$24 00**

No. 577. Large; with standard. Diameter of rolls, 2⅛ inches; widest flange or burr that can be turned, ¼ inch. Shipping wt., 25 lbs.....Each **$25 00**

BEADING MACHINES



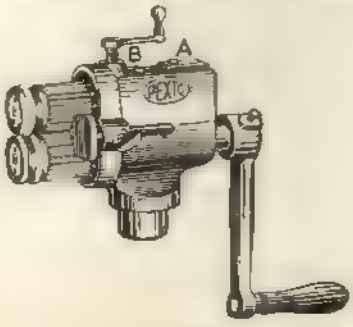
Light.

Capacity 24 Gauge Iron and Lighter.

Furnished with four pairs of rolls—one pair each ogee, ¾ inch; triple, ⅝ inch and single, ¼ and 3/16 inch. Furnished with No 975 standard.

No. 620. Depth of throat to frame, 6¼ inches; tc gauge, 5½ inches; diameter of rolls, 1 15/16 inches; width of rolls, 1 7/16 inches; distance between shaft centers, 1⅞ inches. Shipping wt., approx. 50 lbs. boxed....Each **$46 00**

CRIMPING AND BEADING MACHINES



Common Sense.

Capacity, 24 Gauge Iron or Lighter.

A common-sense, direct-acting, crimping and beading machine recently made from new patterns. It fills a long-felt want for a compact, well-constructed, simple but durable machine that may be depended upon to perform with precision and accuracy for making a uniform crimp and bead or crimp only in pipe of black or galvanized iron. It has been designed for serving every requirement of the large or the small sheet metal shop and will prove an inexpensive, desirable addition to the stove pipe department of the hardware store. Beading and crimping rolls are countersunk and are held with round nuts which leaves the face of the rolls flush with the arbors. A pair of steel blank collars accompany each machine and when these collars are substituted for the beading rolls the same machine is converted into a plain cornice makers' crimper. Furnished complete with one pair of steel blank collars and offset bench standard.

No. 0581. Straight crimp; width of crimping rolls 1¾ inches, width of beading rolls 1 inch, diameter of beading rolls 1 15/16 inches, diameter of crimping rolls 1 13/16 inches, size of ogee bead ½ inch. Shipping wt., approximately 30 lbs. boxed .....Each **$15 00**

JACK SCREWS

Railroad

F

Malleable iron base and head; steel screw, with cut threads

Diam. Screw In.	Ht. Stnd. In.	Ht. Overall In.	Rise of Screw In.	Cap. Tons	lb Ea.	EACH
1¼	8	10¾	6¼	10	12	$3.40
1¼	10	12¾	8¼	10	15	3.80
1½	12	14¾	10¼	10	16	4 20
1½	8	10¾	5¾	12	15	4.25
1½	10	12¾	7¾	12	16	4.75
1½	12	14¾	9¾	12	22	5.25
1½	14	16¾	11¾	12	23	6.00
1¾	8	11	5¼	16	16	5.00
1¾	10	13	7¼	16	21	5 75
1¾	12	15	9¼	16	26	6.25
2	8	11½	5	20	23	6 00
2	10	13½	7	20	26	6.75
2	12	15½	9	20	30	7.50
2	14	17½	11	20	30	8.25
2½	8	12	4½	28	30	8.75
2½	10	14	6½	28	33	9.75
2½	12	16	8½	28	38	10.75
2½	14	18	10½	28	43	12.00
2½	16	20	12½	28	47	13.25
3	18	23	13⅝	36	72	22.00
3	24	25	15⅛	36	84	25.75

*Not carried in stock, ordered from factory.

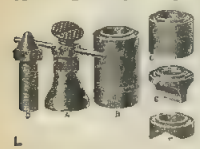
Simplex Junior

F

An efficient, small utility jack for the building trades, home workshop, farm, garage and machine shop. Screw and head are forged from one piece of steel. Frame is refined gray iron. The open hand hole is a safety feature—the screw being in sight all the time; 2 red, 2 blue and 2 green with 6-12 inch steel lever bars in carton.

NO	Diam. Screw In.	Height Stand In.	Cap Ton	lb. Ea	EACH
16	1	6	5		$2.60

Starrett—Little Giant



All parts are casehardened. Capacity 1,000 lbs. Diameter of base (A), 1¼ in.; range, 2¼ to 3⅝ in.; two extension bases (B and C) are made to fit the base of the main part (A) and are 2 in. and 1 in. high respectively; with these extensions used singly or together a range from 2¼ to 6⅛ in. is obtained. An auxiliary pointed screw (D) is supplied to be used in place of the screw with swivel cap in places where it may be preferable. Base (E) is also provided for use in cases where such a shape may be desirable. Furnished complete.

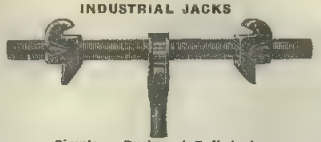
L

NO.	Wgt. Set	SET
120	1½ lb.	$2.00

ONE SET IN A BOX

JACKS

INDUSTRIAL JACKS



Simplex—Push and Pull Jack

F

For boiler shops, steel erectors, straightening the sides of steel freight cars or motor busses, and spreading car center sills. Also valuable in the erection of bridges, tanks, forms and for pushing apart or pulling together structural members, walls and machinery. Furnished without a lever.

NO.	Cap. Tons	Operating Lgth. In.	Lbs. Each	EACH
1528	15	25	44	$35.00

PIPE JACKS

F

Barrett—Pipe Forcing

Used for forcing pipe horizontally through the ground. May be used for forcing pipe under lawns, sidewalks, street crossings and railway tracks. Jack consists of a cage, which travels on a rack, being moved by a socket lever and pawls. At the front of cage is a groove and clamp for holding pipe from ⅜ to 4 inches in diameter. The rack has machine cut teeth and is provided with bolts for bolting to a plank, and also carries two guides for holding pipe line. Constructed of malleable iron and steel in a substantial manner. All parts machine finished. Travel of cage, 7½ feet.

NO.	Capacity	Length	Wt. Each	EACH
125	15 Ton	8½ ft.	307 lb	$220 00

*Not carried in stock, ordered from factory.

TRENCH BRACES

Simplex—Without Pipe

Safe, practical and economical. The ball and socket joints at each end permit quick adjustment and tight gripping at all angles. Adapted to any trench by substituting a different size of tubing or pipe and drilling a hole at one end of pipe for the insertion of a cotter pin.

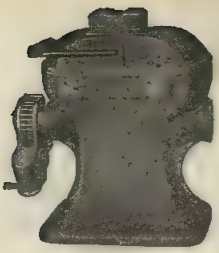
F

NO.	Diam. Screw In.	Length Screw In.	Extension Screw In.	lb Doz.	Screw Ends Only Per Dozen
15012	1¼	12	7	184	$40.00
*15014	1¼	14	8	190	64.00
*15016	1¼	16	9	202	68.00
15018	1¼	18	10	207	44.00
*20018	2	18	10	438	132.00

NOTE—Pipe size same as screw size

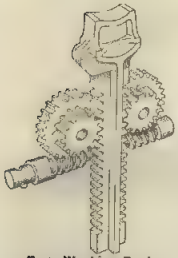
JACKS

F



32-33-34

25A-31A



Four Working Parts Double Worm Gear Drive

Rees—Journal

The introduction of Rees double worm gear drive jacks has filled a long-felt want in the jack field. They have been enthusiastically received and found highly efficient for the purpose intended wherever they have been used.

Rees Journal Jacks are particularly adapted to car inspection and the removal and replacement of journal brasses in railway equipment.

The Rees is the only jack using the patented Double-Worm-Gear-Drive principle.

It is built in a factory devoted exclusively to making Rees Jacks, a factory that knows but one kind of product—the best.

It has four working parts, all of them strong, substantial, built to stand the strains for which they are intended, with a wide factor of safety.

There are no pawls, no springs, no intricate mechanism to get out of order.

There is no end thrust or side strain to cause friction and excessive wear. The steel gears and carefully cut worm will last indefinitely.

In every respect the construction and workmanship of Rees Jacks are on par with the exceptional features of its design.

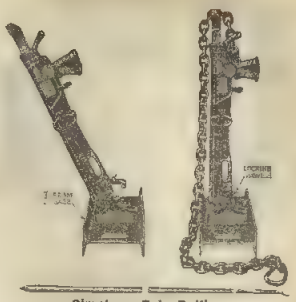
Every operator will want the Rees Journal Jack, once he knows the convenience and ease with which it operates. Not limited to a notch at a time. No hard pumping up and down—nothing but satisfaction to the user of a Rees Jack.

NO.	Capacity	Ht. In.	Lift In.	lb Each	EACH
32	25 tons	9	3½	48	$57.00
33	25 tons	10	4½	51	57.00
34	25 tons	11	4½	53	57.00

Rees—Industrial

The same type of construction in the Journal Jacks is carried out in the 25A Industrial Jack. The difference being in the capacity, height, lift and weight. The 25A Jack is made to meet the demand for an all around high type and high lifting style jack. Will be found useful in all industrial work. No chance to drop, no back kick, automatically locked in either direction, secure at any height, are features found in all Rees Jacks.

NO.	Capacity	Ht. In.	Lift In.	lb Each	EACH
25A	10 ton	24	16	66	$60.00
31A	15 ton	28	18	95	92 00



Simplex—Pole Pulling

Single Action—Automatic Lowering

Single acting—automatic in raising and lowering—will not trip. Designed for pulling and straightening telephone, telegraph, electric light and trolley poles regardless of size. Malleable standard and base; all other parts steel drop forgings. Equipment includes 8 ft. steel chain, 5 ft. steel lever bar and steel I-beam base support.

NO	Cap. Tons	Ht. In.	Lift In.	lb Each	EACH
329T	15	39	23	185	$70.00

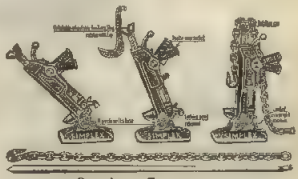
For pulling or straightening electric light, telephone or telegraph poles, the Simplex Pole Jacks have established wonderful service records.

Thousands of large and small public service companies in this country and abroad will attest with pride to the efficiency and utility of their Simplex Pole Jack equipment.

The No. 329 is designed for pulling and straightening poles of any size. Furnished with 5-foot steel lever, 8-foot steel chain, and steel I-beam base.

No. 325 is a smaller model—for 25-foot and 30-foot poles—and for tightening guy lines. The No. 325 is also used for pulling underground cable, timbering in mines, pulling mine supports, taking up slack in trolley wire, tightening guy wires, etc., and is furnished with 4-foot steel lever bar, 52-inch steel chain, portable steel formed bar, and 8 foot pipe with forked cap.

JACK NO.	Cap. Tons	Height In.	Lift In.	Wt. Jack Only Lbs.	Weight Complete Lbs	EACH
325	5	48	37	43	100	$45 00



Simplex—Emergency

Single Action—Automatic Lowering

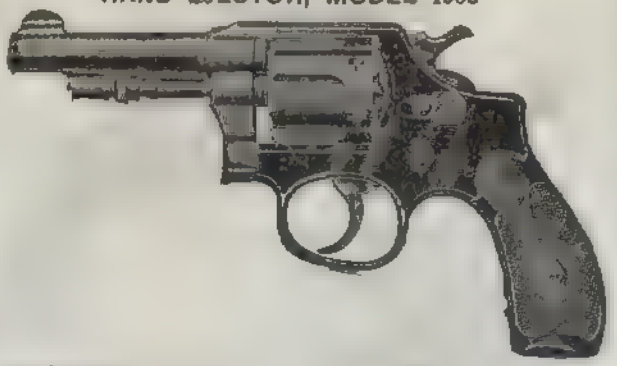
Single acting, automatic raising and lowering Jack of 15 tons capacity. Particularly adapted for moving heavy machinery. Has a detachable auxiliary steel shoe which, with the steel chain, can be fitted into the rotating cap and permits of grappling the load at any height or angle. Malleable standard and base; al other parts, steel drop forgings of the highest grade. Furnished with 5 ft. steel lever bar, steel shoe and 5 ft. steel chain.

NO.	Cap. Tons	Ht. In.	Lift In.	lb Each	EACH
310T	15	20½	12½	105	$48.00

REVOLVERS

SMITH & WESSON

HAND EJECTOR, MODEL 1903



32 Caliber, Center Fire, Double Action, 6 Shot.

Hand ejection; solid frame; rebounding lock; swing out cylinder.

Chambered for 32 S. & W. Long Cartridges.

Barrel ins	Stock	Wt ozs	Nickel Plated Nos.	Each	Blued Nos.	Each
3¼	Rubber	18	523¼	$76 50	0523¼	$76 50
4¼	"	18½	524¼	76 50	0524¼	76 50
3¼	Pearl	18	523¼P	82 80	0523¼P	82 80
4¼	"	18½	524¼P	82 80	0524¼P	82 80

NEW "REGULATION POLICE" MODEL

Hand ejection; solid frame; swing out cylinder. Double action. New patent safety hammer block.

32 Caliber, Center Fire, 6 Shot.

Chambered for 32 S. & W. long, 32 S. & W. and 32 Colt's New Police cartridges.

Barrel ins	Stock	Wt ozs	Nickel Plated Nos.	Each	Blued Nos.	Each
3¼	Wood	14	923¼	$ 80 55	0923¼	$ 80 55
4¼	"	15	924¼	80 55	0924¼	80 55
6	"	16	926	80 55	0926	80 55
3¼	Pearl	14	923¼P	✦ 115 95	0923¼P	✦ 115 95
4¼	"	15	924¼P	✦ 115 95	0924¼P	✦ 115 95
6	"	16	926P	✦ 115 95	0926P	✦ 115 95

WITH TARGET SIGHT

32 Caliber, Center Fire, 6 Shot.

Chambered for 32 S. & W. Long, 32 S. & W. and 32 Colt's New Police Cartridges.

Barrel ins	Stock	Wt ozs	Blued Nos.	Each
6	Wood	16	0926TS	$ 90 45
6	Pearl	16	0926TSP	✦ 126 30

38 Caliber, Center Fire, 5 Shot.

Chambered for 38 S. & W., 38 S. & W. Gallery, 38 Short Colt's cartridges.

Barrel ins	Stock	Wt ozs	Nickel Plated Nos.	Each	Blued Nos.	Each
4	Wood	17¾	984	$ 80 55	0984	$ 80 55
4	Pearl	17¾	984P	✦ 116 95	0984P	✦ 115 95

All above revolvers one in cardboard box.

✦F. O. B. Massachusetts Factory Only.

REVOLVERS

SMITH & WESSON

MILITARY AND POLICE, MODEL 1902

38 Caliber, Center Fire, Double Action, 6 Shots.

Hand ejection; solid frame; swing out cylinder.

Chambered for 38 S. & W. Special.

Using in the same arm both the 38 S. & W. special and the U. S. Service cartridge (listed as 38 long Colt).

Barrel ins	Stock	Wt ozs	Nickel Plated Nos.	Each	Blued Nos.	Each
4	Rubber	28¾	684	$84 45	0684	$84 45
5	"	29½	685	84 45	0685	84 45
6	"	30½	----	-----	0686	84 45
4	Pearl	28¾	684P	94 95	0684P	94 95
5	"	29½	685P	94 95	0685P	94 95
6	"	30½	----	-----	0686P	94 95

MILITARY AND POLICE, MODEL 1905

Center Fire, Double Action 6 Shot.

Hand ejection; solid frame; swing out cylinder; reinforced stop notches; barrel enlarged and strengthened at breech.

32 CALIBER

Chambered for 32-20 Winchester rifle cartridge.

Barrel ins	Stock	Wt ozs	Nickel Plated Nos.	Each	Blued Nos.	Each
4	Walnut	30½	624SH	$85 80	0624SH	$85 80
5	"	31¼	625SH	85 80	0625SH	85 80
6	"	32¼	626SH	85 80	0626SH	85 80
4	Pearl	30½	624SHP	99 75	0624SHP	99 75
5	"	31¼	625SHP	99 75	0625SHP	99 75
6	"	32¼	626SHP	99 75	0626SHP	99 75

38 CALIBER

Chambered for 38 S. & W. Special cartridges.

Barrel ins	Stock	Wt ozs	Nickel Plated Nos.	Each	Blued Nos.	Each
4	Walnut	29¼	684SH	$85 80	0684SH	$85 80
5	"	30	685SH	85 80	0685SH	85 80
6	"	31	686SH	85 80	0686SH	85 80
4	Pearl	29¼	684SHP	99 75	0684SHP	99 75
5	"	30	685SHP	99 75	0685SHP	99 75
6	"	31	686SHP	99 75	0686SHP	99 75

All above revolvers one in cardboard box.

REVOLVERS

SMITH & WESSON

MILITARY AND POLICE, MODEL 1905

WITH NEW PARTRIDGE TARGET SIGHT

Center Fire, Double Action, 6 Shot, Blued. Each

No. 0626SHTS—32 caliber; 6 in. barrel; chambered for 32-20 Winchester rifle cartridges; wt 32¼ ozs..... ✦$98 40

No. 0686SHTS—38 caliber; 6 in. barrel; chambered for 38 S. & W. special cartridges; wt 31 ozs..... 98 40

One in cardboard box.

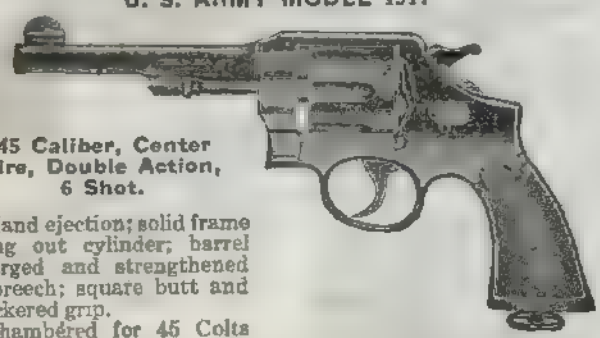
MILITARY MODEL

44 CALIBER

Chambered for 44 S. & W. Special cartridges.

Barrel ins	Stock	Wt ozs	Nickel Plated. Nos.	Each	Blued. Nos.	Each
5	Walnut	38	.....	.....	0645SH	$ 94 05
5	Pearl	38	.....	.....	0645SHP	112 50
6½	Walnut	38½	646½SH	$ 94 05	0646½SH	94 05
6½	Pearl	38½	646½SHP	112 50	0646SHP	112 50

U. S. ARMY MODEL 1917



45 Caliber, Center Fire, Double Action, 6 Shot.

Hand ejection; solid frame swing out cylinder; barrel enlarged and strengthened at breech; square butt and checkered grip.

Chambered for 45 Colts Automatic cartridges, and 45 Auto rim metal cased. Auto Pistol cartridges, in clips No. 45LC illustrated below.

Blued. Each

No. 0745½SH—5½ in. barrel; walnut stock; wt each 36 ozs..... $94 05

No. 0745½SHP—5½ in. barrel; pearl stock wt each 36 ozs..... 112 50

One in cardboard box.

LOADING CLIPS

SMITH & WESSON

For shooting 45 Colts Automatic Cartridges in Smith & Wesson, 45 caliber, Government Model (1917) Revolvers. No. 0745½SH illustrated above.

Per 100

No. 45LC—Wt per 100 about 1 lb..... $6 60

Packed loose.

✦F. O. B. Massachusetts Factory Only.

REVOLVERS

SMITH & WESSON

TARGET, MODEL 1911

22-32 Heavy Frame.

22 Caliber, Rim Fire, 6 Shot.

Hand ejection; solid frame; swing out cylinder; double action; reinforced stop notches.

Chambered for 22 short, 22 long, 22 extra long and 22 long rifle cartridges

Each

No. 052261—Blued; length barrel 6 ins; Circassian walnut stock; square handle; wt each 23 ozs..... $87 00

One in cardboard box.

NEW DEPARTURE HAMMERLESS

32 Caliber, Center Fire, 5 Shot.

Automatic shell ejection; double action; chambered for 32 S. & W. cartridges.

Barrel, ins	Stock	Wt ozs	Nickel Plated. Nos.	Each	Blued. Nos.	Each
3	Rubber	14	223	$70 50	0223	$70 50
3	Pearl	14	223P	73 05	0223P	73 05

Target Stock, checkered wood..... ✦$4 50

One in cardboard box.

38 Caliber, Center Fire, 5 Shot.

Automatic shell ejector; double action; chambered for 38 S. & W. cartridges.

Barrel, ins	Stock	Wt ozs	Nickel Plated. Nos.	Each	Blued. Nos.	Each
3¼	Rubber	17	283¼	$76 50	0283¼	$76 50
4	"	17½	284	76 50	0284	76 50
3¼	Pearl	17	283¼P	82 80	0283¼P	82 80
4	"	17½	284P	82 80	0284P	82 80

One in cardboard box.

✦F. O. B. Massachusetts Factory Only.

SKIS

SNO-WING ASH

Tubbs—All Purpose Model

Made of selected ash of the finest quality and workmanship, carefully finished, balanced and matched. Natural finish.

NO.	Lgth. Ft.	PAIR
A6	6	$ 7.50
A7	7	10 00
A8	8	12 50

NORTHLAND

NO.	Length Ft.	PAIR
NA6½	6½	$8 50

SNO-WING HICKORY

Tubbs—Professional Jumping Model

Made of selected hickory, accurately arched, curved and fitted. Each pair perfectly matched and balanced. For the most trying jumping service. Natural finish.

NO.	Lgth. Ft.	PAIR
J7	7	$17.50
J7½	7½	20.00
J8	8	22.50

Tubbs—Varsity Jumping Model

Hickory jumping skis, carefully finished, shaped and matched. Made for the amateur. Old walnut finish.

NO	Lgth. Ft.	PAIR
VW7½	7½	$15.00
VW8	8	17 50

Furnished without straps. Six pair to a bundle.

Northland—Maple Skis

Select maple stock, walnut stain finish.

NO.	Length Ft.	PAIR
NM6½	6½	$7 00
NM7	7	8.00
NM7½	7½	9 00

SKI BINDINGS

Tubbs—Combination Sliding Strap and Running Binding

By detaching heel strap, this type of binding can be made into a safe sliding strap.

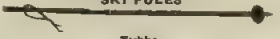
NO.		PAIR
50	Large size	$2.50
51	Small size	2.25

Northland—Expert

Preferred for jumping and by experienced ski'ers.

NO.	PAIR
B	$3.00

SKI POLES



Tubbs

Ash Ski running pole, wood washer, iron point, hand strap.

NO	Lgth Ft	EACH
110	4½	$1.00
113	5	1.25

Bamboo mottled with 4½-inch aluminum washer

NO.	Lgth Ft.	Grade	EACH
115	4½	Standard	$1.50
116	4½	High Grade (6" ring)	2.00

Standard package 24 Ski Poles to a bundle.

SKI WAX

Northland

Waxing not only prevents the ski sticking in the snow, but it also protects the wood from undue drying and shrinking after use. Wood which is exposed to moisture is liable to warp and decay unless carefully protected and preversed. Slide bottom cans.

NO.	Capacity Oz.	DOZEN
NSW	4	$4.80

HOCKEY ACCESSORIES

FIELD HOCKEY STICKS

D & M Special. Made in England, spliced cane handle, bulger head. Handle wound tightly with red and white cord.

NO	EACH
*4	$5.50

D & M Practice. Spliced cane handle, bulger head. Handle wound full length with green and white cord.

NO	EACH
*8	$3.50

FIELD HOCKEY BALLS

School. Leather covered field hockey ball.

NO	EACH
*30	$4.00

Practice. Composition Field Hockey ball.

NO.	EACH
*35	$2.00

FIELD HOCKEY GUARDS

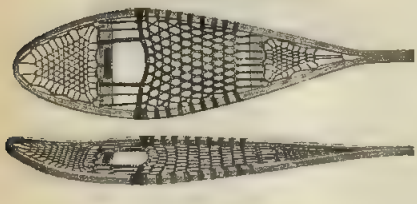
Made from drab canvas, reinforced with cane ribs. Well padded, affords excellent protection.

*11 ..... $ 2.50

J

SNOWSHOES

MAINE



Tubbs—Model for Men

The conservative shape and spread of this type shoe makes it exceptionally desirable for general service over long trips. The slightly curved toe makes it equally practical up hill and on the level. This model was selected by the British Government in 1918 and 1919 for the use of their troops at work in Northern Russia. More Tubbs' Snowshoes were used in war service than were those of all other manufacturers combined.

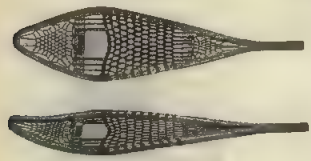
NOTE—Snowshoes are furnished without attachments

NO.	Size In.	Wt. of User	PAIR
70	12x48	115 to 140 lb	$13.50
70	13x48	140 to 165 lb	15.00
70	14x52	165 to 225 lb	16.50

Klondike Model

NO.	Size In.	Wt. of User	PAIR
76	11x60	115 to 140 lb	$15.00
76	12x60	140 to 165 lb	16.00

CHILDRENS



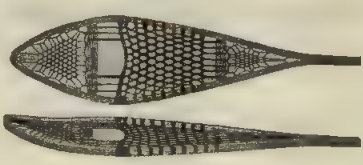
Tubbs

This style is in reality a Junior "Maine" model shoe because it is designed on the same general shape. It is made up like a ladies' model though of still lighter materials and smaller dimensions. Every active girl or boy will be delighted to own and use this expertly finished snowshoe.

NOTE—Snowshoes are furnished without attachments.

NO.	Size In.	Wt. of User	PAIR
80	10x36	40 to 60 lb	$7.50
80	11x40	60 to 75 lb	9.00

MAC MILLAN



Tubbs—Model for Ladies

The same general shape as our No. 70 for men—but proportionately smaller and lighter for ladies use. Recommended for use in lighter snow where the country is fairly open and fast traveling is desirable.

NOTE—Snowshoes are furnished without attachments.

NO.	Size In.	Wt. of User	PAIR
73	11x42	80 to 100 lb	$11.50
73	12x44	125 to 160 lb	13.50

Klondike Model

NO.	Size In.	Wt. of User	PAIR
77	11x50	100 to 125 lb	$15.00

SNOWSHOE FOOT RIGGINS

Tubbs

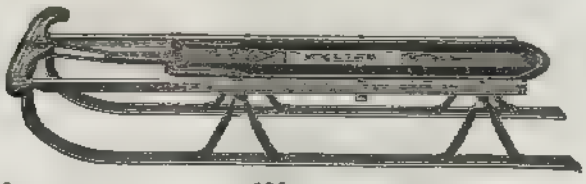
Tubbs' foot riggins are made from carefully selected, first grade hides. These have been thoroughly tanned for hard service in all kinds of weather. Straps are extra wide and buckles are securely riveted into place. Every precaution is taken in advance to insure a safe journey.

Made of russet strap leather. Has three straps passing over top of foot into corresponding buckles at outside of slipper, and is fastened to foot by means of a long strap that passes around back of heel into buckle on outside. Ties to snow shoes by means of thongs.

NO.		PAIR
AM	(Men's size)	$2.25
AL	(Ladies' size)	2.00

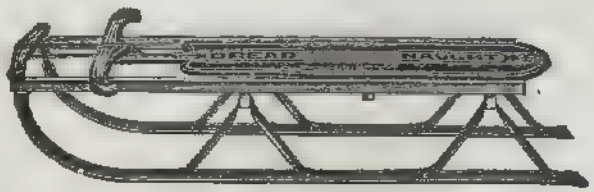
STEERING SLEDS

Stamped steel knees; crucible steel runners, T shaped and so curved in front as to give a maximum length of steering surface; sled responds instantly without loss of speed, to the slightest bend in the steel runner made by the steering bar; gear and runners finished red enamel; tops of rock elm, beautifully painted and decorated.



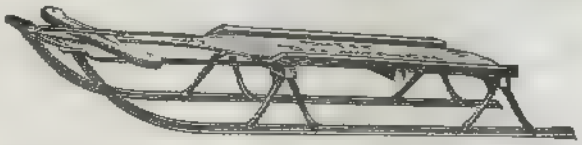
Nos.	130	131	132
Length, ins	33	36	40
Width, ins	11	12	13
Height, ins	6	6	6¼
Wt doz, lbs	80	90	100
Per Doz	$34 50	40 50	48 00

One sixth doz in bdle.



Nos.	133	136
No. of knees	4	6
Length, ins	45	56
Width, ins	14	13
Height, ins	6¼	6¼
Wt doz, lbs	120	138
Per Doz	$60 00	90 00

One sixth doz in bdle.



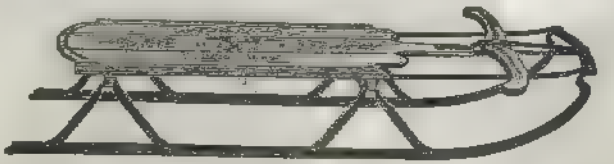
Per Doz

No. 140—Length over all 49 ins; width 13 ins; height front 7 ins; height rear 6 ins; wt per doz 132 lbs.....$108 00

One sixth doz in bdle.

FLEXIBLE FLYER

Second growth straight grained ash, decorated and finished with three coats of varnish. All steel front construction; high grade steel grooved runners with pressed steel japanned uprights, makes steering easy and effective, strengthing sled and adding to its durability.



Nos.	1	2	3	4	5
Length, ins	38	42	47	52	63
Height, ins	5	6	7⅛	7⅛	8
Width, ins	12	13	14	14	16
Wt per doz, lbs	114	126	192	198	282
Per Doz	99 00	123 00	159 00	171 00	225 00
	$45 00	*57 00*	*72 00*	*78 00*	*105 00*

One sixth doz in bdle.

STEERING SLEDS

D 7

RACER TYPE FLEXIBLE FLYER

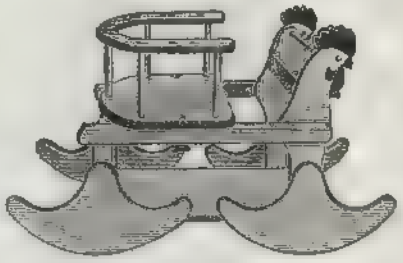
Selected second growth straight grained ash, decorated and finished with three coats of varnish.

All steel front construction high grade steel grooved; runners; pressed steel japanned uprights, makes steering easy and effective

Nos.	6	7
Length, ins	49	57
Height, rear, ins	5¼	5½
Height, front, ins	6½	7½
Width, ins	12	13
Wt per doz, lbs	126	186
Per Doz	138 00	171 00
	$63 00	*78 00*

One-sixth doz in bdle.

ROCK-A-TOTS



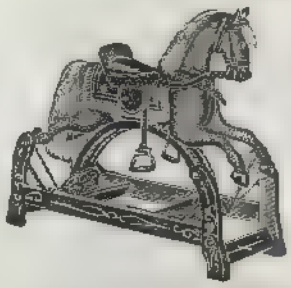
Solid construction handsomely decorated. Adjustable seat size 12x10½ inches; handle and toy tray; sanitary, enameled seat. For children of six months to four years cannot tip; straight forward and backward motion with seat on the level at all times. Per Doz

No. 476—With rabbit heads, otherwise same as illustrated.....$120 00

(Sold in full carton lots only.)

One-sixth doz in carton; wt per doz 168 lbs.

GALLOPING HORSES



Enameled air brush dappled gray finish; hair mane and tail. Brightly ornamented English saddle; leather stirrup straps, martingale and reins; fancy breast-band. Double stand, enameled red and neatly striped.

Each

No. 417—6x6 in. block, 18 ins long, 28 ins from floor to top of head; wt per crate about 22 lbs.....$21 75

Enameled air brush dappled grey finish; full hair mane and tail, glass eyes, English leatherette saddle, myrtle block velour saddle blanket, edged with gold fringe. Mounted leatherette saddle flaps, stirrup flaps, breast-band and martingale. Has full shaped hoofs and iron horseshoes. Each

No. 422—6½x6½ in. block, 35 ins long, height over all 30 ins from floor to top of head.....$30 00

One in crate, K. D.; wt per crate about 36 lbs.

Turned body, carved head and legs, shaped hoofs with horseshoes. Dapple grey finish, red stand, enameled iron arch and hangers. Hair mane and tail, glass eyes. Leatherette English saddle, breast-band and martingale. Velour saddle blanket with fringe.

Each

No. 419—28 ins high, 6x6 in. block, 33 ins long.....$24 00

One in crate; wt each 25 lbs

SWINGING HORSES

Enameled air brush finish; shaped legs, red enameled and striped stand. English saddle in enamel cloth; enamel cloth saddle flaps trimmed with fancy colored fringe; hair mane and tail. Stirrups; martingale with rings; heavy breast-band.

	Each
No. 409—5x5 in. block, 17½ ins long, 25 ins from floor to top of head; wt per crate about 20 lbs	$16 50
No. 410—6x6 in. block, 19 ins long, 27 ins from floor to top of head; wt per crate about 25 lbs	18 00

One in crate, K. D.

ROCKING HORSES

TODDLER

Hardwood horse, washable grey and black enameled finish; red enameled platform with 5-ply veneer bent rockers.

Full shaped saddle and firm hand holds makes an instant appeal to children. The carefully considered slope of rockers and absolute uniformity assure full, yet gentle motion to timid or hardy youngsters.

	Per Doz
No. 202—Length over all 38 ins; height 22 ins; height to top of saddle 13½ ins.	$87 00

One in carton; wt per doz 156 lbs.

SHOO FLIES

	Per Doz
No. 10—Natural finish, varnished; plain seat and footboard; red rockers; horses, bridles and saddles painted in black; seat 18x39 ins	$39 00

(Sold in full crate lots only).

Half doz in crate, K. D.; wt per doz 100 lbs.

	Per Doz
No. 20—Natural finish, varnished; seat and footboard; rockers painted red; upholstered seat; horses, bridles and saddles painted in two colors; horses have Palma tails; seat 21x39 ins	$60 00

(Sold in full crate lots only).

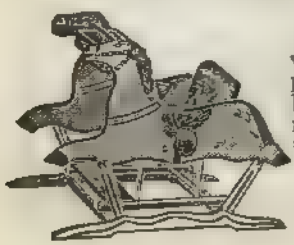
Half doz in crate, K. D.; wt per doz 125 lbs.

SHOO FLY ASSORTMENTS

	Per Ass't
No. 36—Ass't consists of 6 Shoo Flies—two each of Nos. 10, 15 and 20	$24 00

(Sold only in full crate lots, K. D).

One ass't in crate; wt per ass't 60 lbs.



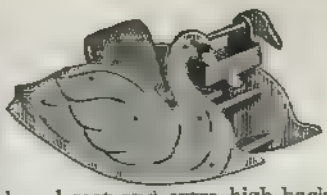
Natural finish; horses painted white and dappled; swinging base painted red and striped; footboard, seat and toybox painted red; upholstered seat.

	Per Doz
No. 24—Size 25x35 ins	$102 00

One-twelfth doz in carton; wt per doz 185 lbs.

SHOO FLIES

SWAN TODDLER



Three-ply veneer wood construction, washable enameled finish, body in rich ivory decorated in orange and black, seat, play box and foot board in apple green. Constructed with a broad seat and extra high back and spacious play box, swivel hung to remain always upright even though Toddler is in motion.

	Per Doz
No. 201—Length over all 32 ins; height 16 ins; width 12 ins	$87 00

One in carton; wt per doz 162 lbs.

DOLL CARRIAGES

Loom woven flat fibre body and adjustable hood. 7 inch wire spoke steel wheels with ¼ inch rubber tires. Spring steel gear and pushers with wood handle. Length body 17 inches, width 8 inches.

	Each
No. 600C Cream enameled	$5 70
No. 600GR—Green enameled	5 70
No. 600G—Light Cafe enameled.	5 70

One in carton; wt each 7 lbs.

Loom woven fibre body and adjustable hood; spring steel gear and pusher with wood handle. 6 inch wire wheels with ¼ inch rubber tires, nickel plated hub caps. Length body 17 inches; width 8 inches; height to top of hood 25 inches; height handle 23½ inches.

	Each
No. 601I—Ivory enameled body, hood and gear	$7 50
No. 601B—Orchid enameled body and hood, ivory enameled gear and wheels	7 50
No. 601T—Tan Shaded Green enameled body and hood, ivory enameled gear and wheels	7 50

One in carton; wt each 7½ lbs

Loom woven round fibre body and adjustable hood. with large roll decorations and hood lights. Black enameled spring steel gear and pusher with wood handle. 7 inch wire wheels with ¼ inch rubber tires. Seat and back upholstered. Length body 18½ inches, width 9 inches; height to top of hood 23 inches; height to handle 20 inches.

	Each
No. 612B—Blue enameled body and hood, ivory enameled wheels	$9 75
No. 612C—Ivory enameled body, hood and wheels	9 75
No. 612G—Green enameled body, hood and wheels	9 75

One in carton; wt each 10 lbs.

CAPS To sell for 10 & 25¢

Write for Special Sample Assortment for Toy Jobbers

We are selling thousands of these snappy caps to Toy Jobbers and Dealers everywhere. Get YOUR share of this sure business. The Line includes YACHT, POLICE, TROOPER, SKULL, Baseball and SAILOR Models, and Quantity prices are RIGHT. Let us show you

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5 SIZES ATTRACTIVELY PRICED

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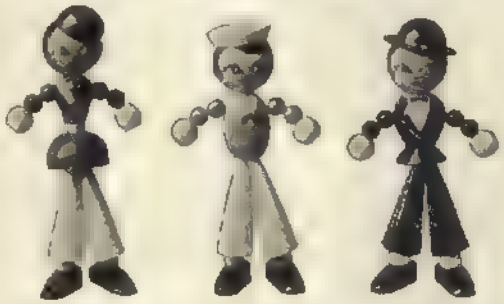
Fast Sellers for Toy Jobbers

Increase Your Sales

WITH THESE NEW AND CLEVER CHARACTER DOLLS



SOLDIER BOY SAILOR SAM DAPPER DAN

7¾" OVER ALL

These litt e fellows are truly irresistible and sell rapidly from sheer attractiveness. Made of birch-wood turnings, heavily coated in bright lacquer colors, they appeal to everyone who sees them.

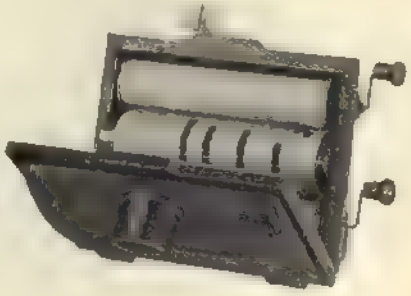
They are priced low enough to sell rapidly. They are priced high enough to yield you a very substantial profit. These items will make satisfied customers for you.

WRITE FOR COMPLETE INFORMATION

J. W. PICKERING & CO.
LEOMINSTER - - MASS.
New York Showroom—1170 Broadway, Room 809

THE NEW ROLMONICA Chromatic

A Newer, Bigger and more Musical Rolmonica of Unlimited Sales and Profit Possibilities.



The New 16-Note Rolmonica Chromatic is a super-harmonica operating on the principle of the player piano, playing with music rolls available in a wide selection of popular tunes . . . old favorites and the latest Broadway hits.

Rolmonica is backed by a strong national advertising program. Capitalize the big Rolmonica demand by ordering the Chromatic and Rolmonica Rolls . . . TODAY!

Liberal discounts to jobbers and dealers

ROLMONICA MUSIC COMPANY
501 East Preston Street Baltimore, Maryland

SALABILITY — PROFITS — CUSTOMER SATISFACTION

If YOU measure a product by such standards, you want the complete SCHWERDT Line of Toys.

SCHWERDT'S "PUFF-PUFF" TOYS

Retail From 10c to 59c

MADE OF HIGH GRADE VELVET, WRAPPED IN CELLOPHANE

"Puff-Puff" Toys Sell When Others Fail

Priced right SCHWERDT Toys give you a satisfactory margin of profit—and because of their salability they turn over FAST.

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Manufacturers of **DOLL OUTFITS**

and many novelties for the Patsy Family

Our salesmen, D. Seeger and Mrs. Baldry, are now on the road and will call upon you shortly

See the New Things in

CHILDREN'S PLAYROOM FURNITURE

"Many New Features Added To the Line This Year"

Displayed at

2000 Carroll Ave. CHICAGO

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VILAS-HARSHA MFG. CO.

Mother's Day May 11th — Children's Day June 21st

Of course, everybody wants to make a gift to the baby and to the older sister and brother.

Our extensive Showroom display offers many attractive suggestions

The illustrations show just a few of the many items we have ready for your selection, all taken from our regular stock—*Standard Krueger Quality*. A visit to our showrooms will reveal many more beautiful novelties and gifts, attractively priced.

RICHARD G. KRUEGER INCORPORATED

Infants' Hand Painted and Imported Novelties

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"WE" DOLLS

A Powerful Factor in the American Doll Industry

"We" Dolls offer beauty, quality and price combined in a complete selection of

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TOY PRODUCTS MFG. CO.

583-587 Broadway New York City

State your letter right "I saw your ad in PLAYTHINGS."

TROUT AND BASS BAITS

HELGRAMITES

Grube's—Soft Rubber

NO.	Size	DOZEN
759	1-0	$3.60

MILLERS

Palmer

A cork body miller in natural appearance.

NO.	DOZEN
4	$4.80
5	4.80

One-quarter dozen on a card.

ANGLE WORMS

Angle worms mounted on gut leader, three hollow point hooks, brass box swivel.

NO.	Size	DOZEN
227	3	$4.80

ASSORTMENTS

NO.		ASSORTMENT
2	Assortment of 12 large insects	$4.20

SALT WATER BAIT

SOUTH BEND TUN-ORENO

A salt water trolling lure. Molded from pure tin. Both eyes swivel in the body, preventing the line from kinking and twisting and also preventing the fish from getting a leverage. The tube runs the entire length of the squid. The eyes are much harder to break off than the eyes on the ordinary squid or even on other types of loose-hook squids. Patented swivel socket. Used successfully for Tuna, Bonita, Albacore. Weight approximately 5½ ounces, length 5 inches. Equipped with one extra strong special double hook. Furnished in natural polished tin body with enameled red head.

NO.	DOZEN
988	$18.00

SOUTH BEND FLY ROD SURF-ORENO

The South Bend Fly Rod Surf-Oreno is a light surface lure. In action it looks more like a bug than a bug itself. Rides the surface and has an easy pick-up. Fishermen prefer to use with a Bass weight fly rod. Substantial in construction, yet light, lure rides high in water. Spinners are loose, giving wounded minnow effect. Practically weedless. Body is 1¾ inches long. Packed one in a box

NO		DOZEN
961RH	White Body Red Head	$9.00
961RSF	Rainbow Scale	9.00
961F	Frog Back	9.00

HEDDON-STANLEY SILVER KING

Specially designed for salt water fish and muskellunge. Made with No. 10-0 Victoria Bright hook with round needle point. Note the flexible hook, which prevents the fish from shaking loose from the bait. Used successfully for Tarpon, Barracuda, Sailfish, and other similar salt water species. Has 7-inch phosphor bronze wire leader with revolving spoon.

NO.	Lgth. In.	Finish	Oz. Each	DOZEN
390N	4	Nickel	2.	$15.00
390G	4	Gold	2.	15.00

J

TROLLING MINNOWS AND BAIT

FOR OCEAN FISHING

SPOON BAIT

Knowles Automatic Striker

Unexcelled as a trolling bait. For bass, barracuda, yellowtail, albacore, etc.

Finished silver both sides.

NO.	Length	For	DOZEN
3	2¾ in.	Bass	$4.20
4	2¾ in.	Bass	6.60
5	3½ in.	Barracuda	9.60
6	4½ in.	Yellowtail	10.80
7	5½ in.	Skip Jack	15.00

Enameled white with red head.

NO.	Length	For	DOZEN
5W	3¾ in.	Barracuda	$10 20
6W	4½ in.	Yellowtail	12 00
7W	5½ in.	Yellowtail	16 80

Pflueger-Evans—Self Striker Spoon

Nickel silver blade, highly polished, shaped to dart and wiggle. O'Shaugnessy hook retained in trolling position with spring snap, which is released when strike occurs. Sizes 4 and 5 with swivel only; size 6 with wire leader and swivel.

NO.	Blade In.	DOZEN
4032-4	2¾	$8.60
4032-5	3½	9.60
4032-6	4⅛	10.80

CATALINA

Pfluegers

All nickel—For barracuda, etc.

Fitted with 6-0 O'Shaugnessy hook.

NO.	Length	DOZEN
5587	4½ in.	$15 00

Wood, enameled

NO.		DOZEN
5571	Green Back, Yellow Belly	$ 9 00
5503	Mullet Scale Finish	10.20

BONE JIGS

Clean white whale bone, without leader used as a trolling lure, mounted with tinned single hook.

NO.	Lgth. In.	Hook	DOZEN
122	2⅜	O'Shangnessy	$ 9 00
123	3⅜	I. P. Cod	9.00
124	4⅜	I. P. Cod	12.00
125	5⅜	I. P. Cod	12.00

As above with short wire leader and swivel.

NO.	Lgth. In.	Hook	DOZEN
LS125	5⅜	I. P. Cod	$12 00

Clean white whale bone, without leader, mounted with tinned hook.

NO.	Lgth. In.	Hook	DOZEN
126	4⅜	Dbl. I. P. Cod	$12.00

As above with short wire leader and swivel

NO.	Lgth. In.	Hook	DOZEN
LS127	5⅜	Dbl. I. P. Cod	$15.00

MINNOWS

Brass—Nickel Plated

Fish shaped—Cast of solid brass. An excellent trolling minnow. Eyelets at front and back for leaders and hook.

NO.	Lgth In.	Oz. Each	DOZEN
375	3¾	2½	$4.80

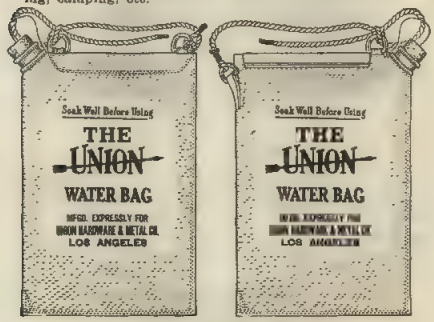
FEATHER JIG HEADS

For trolling—cone shaped weighted head; dressed with long Cockerel feathers. Abalone shell eyes, no hooks.

NO.	Oz. Each	DOZEN
7803	1¼	$7.80

WATER BAGS F

Made from a woven fabric of pure imported flax. Seams double stitched on the inside, have spreader braces across the top. Securely bound vitrous spouts and sisal rope handles. Will keep water cool and palatable for several days by capillary attraction and evaporation. They are practical, sanitary and durable. For touring, teaming, camping, etc.


Soak Well Before Using
THE UNION WATER BAG
MFGD. EXPRESSLY FOR UNION HARDWARE & METAL CO. LOS ANGELES
Soak Well Before Using
THE UNION WATER BAG
MFGD. EXPRESSLY FOR UNION HARDWARE & METAL CO. LOS ANGELES

Regular

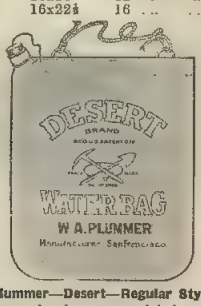
Guaranteed extra heavy Scotch flax, closely woven rope handle.

NO.	Capacity	Size In.	lb Doz.	DOZEN
31	1 gal.	10x12	6	$11.60
32	2 gal.	12x16	9	16.00
33½	3½ gal.	16x16	10	20.30
35	5 gal.	16x22½	15	28.50

Sanitary

Made from imported guaranteed all Scotch flax. Easily cleaned and purified. Galvanized sliding top.

NO.	Capacity	Size In.	lb Doz	DOZEN
41	1 gal.	10x12	7	$12.75
42	2 gal.	12x16	9	16.90
43½	3½ gal.	16x16	12	21.50
45	5 gal.	16x22½	16	30.50



Plummer—Desert—Regular Style

Extra heavy, closely woven fabric of pure linen. Pressed steel nozzle; rope handle.

NO.	Capacity	Size In.	lb Doz.	DOZEN
11	1 gal.	10x11½	6	$12.25
12½	2 gal.	11x16½	15	17.70
15	5 gal.	17x23½	21	33.00

NOTE—Last dimension indicates depth of bag.
All packed as wanted.

Sanitary Open Top

The only thoroughly practical bag made on the open top principle. Easily cleaned and purified; simple to open and close—wet or dry. Top can be readily and securely closed after bag is filled. Can be laid flat and not lose the water. Has new low angle spout. Nos. 12 and 17 are made the wide shape; Nos. 21, 23, 21F and 23F are made to hang the long way down.

Plummer—Desert

NO.	Capacity	Size In.	lb Doz.	DOZEN
12	1 gal.	11½x10	8	$14.80
17	2 gal.	15½x12½	12	17.50
21	3½ gal.	21½x14	17	28.00
23	5 gal.	17½x23½	20	35.00

Plummer—Desert—With Faucet

NO.	Capacity	Size In.	lb Doz.	DOZEN
1723	5 gal.	17½x23½	21	$53 00

25 62

Genuine Appell—South African

Made with galvanized metal slide top, easily cleaned, with rope and sling.

NO.	Capacity	Size In.	lb Doz.	DOZEN
10	1 gal.	10x11½	6	$13.50

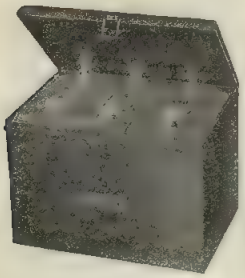
Sanitary Open Top

Made with galvanized metal slide top; easily cleaned; readily opened and closed.

NO.	Capacity	Size In.	lb Doz.	DOZEN
61	1 gal.	11½x10	9	$15.50

L CANTEEN HOLDERS AND SERVICE UNITS

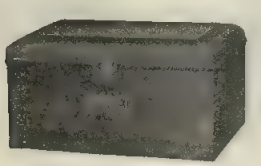
AUTO CABINETS



Bear

In this elegant cabinet set the gasoline, oil and water canteens are enclosed in a handsome metal case of heavy steel, which is japanned and baked and will withstand all weather conditions. The cabinet does not project beyond the edge of the running-board. It is secured to the running-board by bolts and plates made especially for this purpose or wood screws and it is impossible to remove it from the running-board unless you demolish the cabinet. 2 gallons water, 2 gallons gasoline, 1 gallon oil.

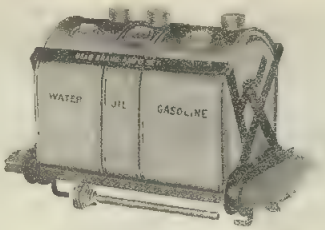
NO.	Size Cabinet	Wt. Each	EACH
1	10½x15x11 in.	20 lb.	$12.70



Bear

The canteens in the Bear Brand Auto Cabinet No. 2 are exactly the same as the canteens in the Auto Cabinet No. 1, except the canteens are smaller. 1 gallon water, 1½ gallons gasoline, 1 gallon oil.

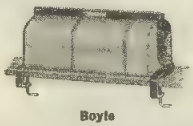
NO.	Size Cabinet	Wt. Each	EACH
2	10½x15x8 in.	16 lb.	$11.90



Bear—Combination B

Consists of 2-gallon water, 2-gallon gasoline and 1 gallon oil canteens, fitted in our Bear Brand Auto Canteen Holder. Does not project beyond the running board. Complete with one disappearing spout. Packed one set in a carton.

NO.	Old No.	Size	Wt. Each	EACH
506	212	17x12x10½ in.	15 lb.	$8.00



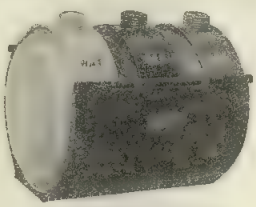
Boyle

The new squat type, designed especially to accommodate the low swung door of late model cars. Attractively enameled in red, blue and gray. Equipped with locking device and flexible pouring spout.

Consists of 2-5 qt. containers; and 1-2 qt. containers.

NO.	Size	lb Wt. Ea.	EACH
552	7¾x8¾x17¾	12	$4.75

Packed in individual carton.



Bear Brand Gem Auto Set

A bear brand innovation—one of the lowest priced auto sets on the market. Canteens removable in a few seconds by merely turning two thumb screws. Replaced and locked firmly in a few seconds. Easily attached to running-board or may be carried as luggage in tonneau or deck. Cannot rattle. Locking device provided. Three canteens—yellow, red and green. Each of one-gallon capacity. Holder of black, baked enamel. Very attractive, and so low in price that everybody wants one.

NO.	lb Each	EACH
4	8	$4.00

Packed one set in a carton.

REFRIGERATOR BASKETS

HAWKEYE

Hand woven reed body with hardwood bottoms and 3-ply veneer close fitting covers, water-proof brown varnished finish. Smooth finish hardwood folding handles securely attached. Polished metal lining with wool felt and asbestos insulation between lining and body.

Equipped with web straps that holds cover in place. Removable ice compartment with close fitting cover. Holds from 4 to 6 pounds of ice sufficient to keep contents cool 24 hours.

OUTING

One Piece Top.

Holds sufficient food for 3 to 5 people.

Each

No. 1-O—Length 21 ins; width 10 ins; depth 12 ins; wt each 13 lbs.....$14 25

EVERYBODY'S

Two Piece Hinged Top.

Holds sufficient food for 3 to 5 people.

Each

No. 1-E—Length 21 ins; width 10 ins; depth 12 ins; wt each 13 lbs.....$18 75

Holds sufficient food for 5 to 7 people.

Each

No. 2-E—Length 22 ins; width 10 ins; depth 14½ ins; wt each 15 lbs.....$22 05

One in carton.

HAWKEYE MOTOCAMP

Hardwood exterior, blue duco lacquer finish; polished metal lining with mineral wool and asbestos insulation. Removable metal ice compartment with top, holds from 4 to 6 pounds of ice sufficient to keep contents cool 24 hours. Smooth finish wood folding handles. Equipped with web straps for fastening top. Holds sufficient food for 4 to 8 people.

Each

No. PR-21—Length 20½ ins; width 8½ ins; depth 11 ins..$16 50

One in carton; wt each 12 lbs.

AFRICAN WATER BAGS

Imported material especially treated, having the peculiar property of holding water and yet exuding enough moisture to prevent the sun from having any effect on the water inside the bag. These bags require no ice. Guaranteed to keep water cool for 48 hours.

STANDARD STYLE

Double stitched; with galvanized metal mouth piece and cork stopper attached with linen cord; rope handle or sling.

Per Doz

No. 1—1 gal; wt per doz 8¾ lbs..$21 00

No. 2—2 gals; wt per doz 11 lbs..28 35

Packed loose.

SANITARY STYLE

Open top, with slide to close.

Insures cleanliness and health. Can be opened and cleaned inside as well as out. Has galvanized slide top, with non-rustible fastening, which is easily removed for cleaning purposes. Double stitched; with galvanized metal mouth piece and cork stopper attached with linen cord, long rope handle or sling.

Per Doz

No. 11$—1 gal; wt per doz 12 lbs.....$23 40

No. 22$—2 gals; wt per doz 14 lbs..... 30 30

No. 33$—3½ gals; wtper doz 15 lbs..... 42 00

Packed loose.

AUTOMOBILE STYLE

Sanitary, Slide Top.

Double stitched; with galvanized metal mouth piece and cork stopper attached with linen cord; has wood bar across top, which keeps it in perfect shape while hanging on the car or cycle; rope handle or sling, attached to non-rust metal rings. Per Doz

No. 22$A—2 gals.....$30 30

Packed loose; wt per doz 11 lbs.

ELECTRIC FLASH LIGHTS

EVEREADY

All flash lights are fitted with new patent Mazda metallic filament incandescent lamp, which gives a brighter light and longer life to the battery.

The vest pocket batteries will give from 3000 to 4000 flashes, and the tubular sizes from 5000 to 6000.

The pocket sizes will burn continually from two to three hours; the tubular will burn from 4 to 5 hours, but if used half an hour or an hour at a time, they will give considerably longer service. They're for flashes of short duration, and not for continuous burning.

EVEREADY—Tubular.

Black ribbon designed metal case, nickel plated trimmings; with non-short circuiting feature; extra large beveled lens; extra large silver plated reflector; with off and on switch and permanent contact.

Each

No. 2660—Size 1¼x5¾ ins; complete with No. 791 two cell Tungsten battery and No. 1197 bulb or 2 No. 935 unit cells; wt each 1½ lbs.....$2 55

One in cardboard box; 3 in unit pkg.

LUNCH KITS

WITH ONE PINT AMERICAN THERMOS BOTTLE

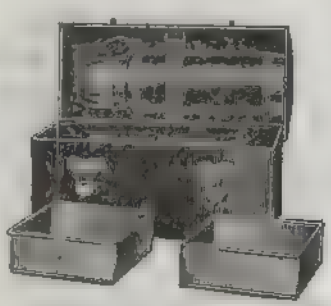
Heavy tin plate case, black enamel finish outside, lacquered finish inside; thoroughly ventilated; leather handle; positive fasteners with clamp for holding bottle in upper compartment. Nickel plated cup furnished with each bottle.

Each

No. D324—Length 10¼ ins; height 7¼ ins; depth 4¾ ins **$4 50**

One in carton; wt each 8⅛ lbs.

WITH ONE PINT AMERICAN THERMOS BOTTLE



Tin plate case, black enamel outside, lacquered finish inside; leather handle; positive fasteners with clamp for holding bottle in upper compartment and two aluminum trays. Nickel plated cup furnished with each bottle.

Each

No. D242—Lgth 10¼ ins; hgt 7¼ ins; depth 4¾ ins.... 6 60

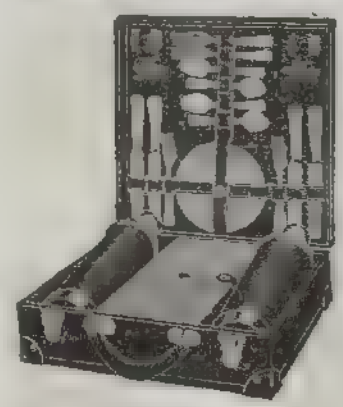
One in carton; wt each 8¾ lbs. *$3 00*

EXTRA TRAYS

Heavy aluminum trays to fit all size lunch kits.

Each

No. 299—Size 10x4½ ins..... 60 *$0 25*



WITH AMERICAN THERMOS BOTTLES

"Also Dept 10 Page 2698"

Heavy metal case, black enamel finish outside, lacquered inside. Equipped with two No. 24Q quart Thermos bottles, food box, salt and pepper shakers, four each, knives, forks, spoons and enameled plate.

Each

No. D245—Length 15½ ins; width 15 ins; depth 6 ins... 40 80 *$13 50*

One in carton; wt each 15¼ lbs.

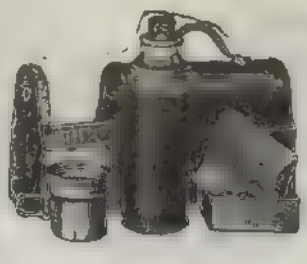
UNIVERSAL

Sheet metal case, black finish. Equipped with one pint vacuum bottle, with dull finish aluminum shoulder and drinking cup made from drawn steel, coated with pure tin. Each

No. D310—Length 10 ins; width 4⅜ ins; height 7 ins.....5 55 *$2 85*

One in carton; six in ship carton; wt each about 5 lbs.

LUNCH KITS



UNIVERSAL

Each

No. D320—Same as No. D310 except with two aluminum trays, 4⅜ ins. sq. by 1¾ ins. deep.....7 05 *$5 25*

One in carton, six in ship carton; wt each about 5 lbs.

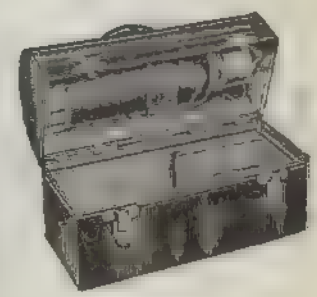
STANLEY

Sheet metal case, blue japanned finish. Equipped with No. 703 one pint all steel vacuum bottle, height 10¾ inches, diameter 3⅜ inches and two aluminum trays.

Bottle held securely in top by nickel plated clasp.

Each

No. D203—Length case 11 ins; width 4¾ inches; height 7 ins.....15 00 *$6 50*



One in cardboard box; wt each 5 lbs.

EXTRA TRAYS

For Universal Lunch Boxes. Per Pr

No. 1020T—Aluminum; size 4⅜ ins. square, 1⅛ ins. deep.....**$1 11**

Packed loose.

REFRIGERATOR BASKETS

MARION ICY COLD

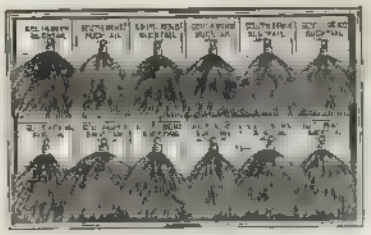
Hardwood uprights attached to solid board bottom; double woven wood splint body, forest green stained water proof varnished finish. Rounded and polished folding oak handles fastened with copper rivets. Two piece three-ply veneer close fitting wood top with nickel plated hinges and adjustable woven strap that holds it in place. Charcoal plate steel lining, sides and bottom insulated with mineral compound, felt between basket and cover. Removable, inverted seal tight top and reinforced edge steel ice chamber that holds from 4 to 6 pounds of ice. Holds sufficient food for 5 or 6 people. Keeps contents cool for 24 hours.

Each

No. 11C—Length 22 ins; width 10 ins; depth 12 ins.....**$18 00**

One in carton; wt each 15 lbs.

BUCK TAIL ASSORTMENTS



SOUTH BEND

Untrimmed buck tail lure, tied full in striking color combinations. Tied on 1/0 high grade, hollow point ringed, bronze hook. Assortment consists of 12 standard patterns.

	Per Ass't
No. 341—With 1/0 single hook	$ 9 15
No. 347—With 1/0 treble hook	10 50

Mounted one on card, twelve cards connected, in cardboard box; wt per ass't 1½ lb.

BASS BUGS

SOUTH BEND
CALLMAC

Solid cork body; patented non-slip hook through body with No. 1/0 turn-down eye model perfect bronze hook. Attractive feathers and buck tail in gay color contrasts, giving every appearance of a living fly or bug.

	Per Ass't
No. 310ER—Ass't consists of one doz bass bugs	$17 10

One ass't in cardboard display box; wt per ass't ¾ lb

MINNOWS

SOUTH BEND, DART-ORENO

A semi-surface single hook pork rind lure with extremely lively enticing action, a highly polished metal body and bright combination of hackle and bucktail. Assortment consists of 6 lures as follows: 2 nickel plated bodies, with one white and one red hackle collar; 2 copper bodies, with one red and white and one brown hackle collar; 2 brass bodies, with one yellow and one orange and black hackle collar.

	Per Ass't
No. 343—Wt each 1/0 oz	$13 20

One ass't in cardboard display box.

SOUTH BEND BUCK TAIL ASSORTMENTS

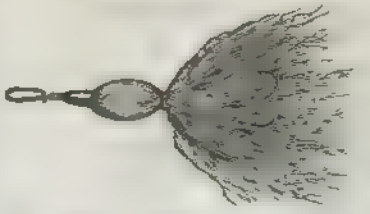
Weighted rough body type of fly, consisting of untrimmed body and wings of buck-tail hair. Tied on ringed bronzed hollow point sproat 1/0 hooks.

	Per Ass't
No. 1636—Ass't consists of 12 assorted colors	$9 30

One ass't in cardboard box; one on card, 12 cards connected; wt per ass't ¾ lb.

BUCKTAIL MINNOWS

SOUTH BEND



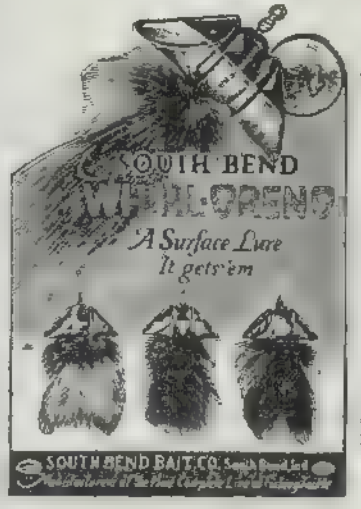
A buck tail lure with ringed treble hook, wrapped with buck tail hair and tied in center. No. 3 hooks.

	Per Doz
No. 803W—White	$7 95
No. 803R—Red	
No. 803N—Natural buck tail	

One on card; twelve cards connected.

DISPLAYS

SOUTH BEND WHIRL ORENO



Select red cedar body, water-proof enamel finish. Equipped with one nickel plated extra strong treble hook combined with hackle and buck tail. A perfect casting bait, ready for action when it hits the water, rides high on the surface of water cutting it propeller like with a whirling, churning motion leaving a wake of riffles. Length body 8½ inches; width 3 inches.

Display consists of 3 whirl orenos, one of each mounted on easel back counter display card as follows:

1—No. 935RH, red head, white body, red bucktail, and black hackle.
1—No. 935F, imitation frog, yellow bucktail and black hackle.
1—No. 935BY, butterfly, black bucktail and red hackle.

	Each
No. 335—Complete as described	$6 60

One display card in cardboard box; wt each 1½ lbs.

SOUTH BEND, FLASH ORENO

Metal body. Equipped with one nickel plated treble hook. Display consists of 6 Flash Oreno's one of each mounted on easel back counter display card as follows:

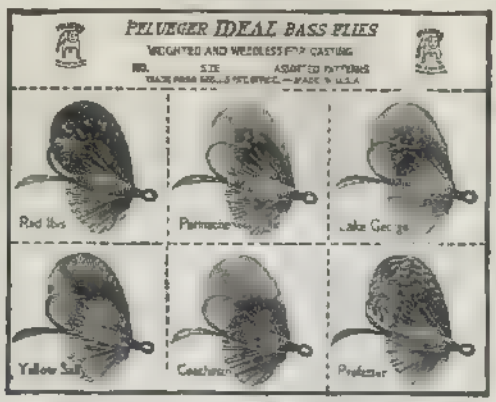
1—No. P, pearl enamel finish.
1—No. F, frog enamel finish.
1—No. RW, white enamel body with red lengthwise stripes.
1—No. N highly polished chromium fish.
1—No. C, highly polished copper.
1—No. RH, enameled red head, white body.

	Each
No. 306—Complete as described	$13 20

One display card in cardboard box; wt each 1½ lbs.

FLIES

PFLUEGER IDEAL BASS, WEIGHTED AND WEEDLESS



Porcelain enamel body, tied with extra heavy wings and hackles placed over the point of hook to make the fly weedless.

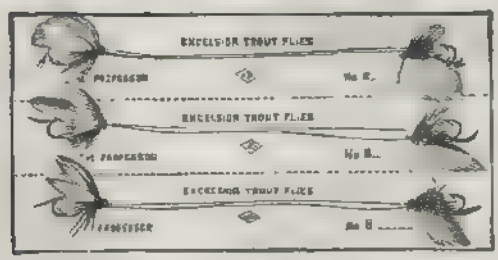
Body ballasted with lead weight which greatly assists in casting and forces it in an upright position the instant it strikes water. Can be used in connection with a spoon or spinner.

Assortment consists of six assorted colored flies, one each of the following: Red Ibis, red body and feathers; white tail; Parmachenee Belle, yellow body, red feathers and white tail; Lake George, red body, red white feathers; Yellow Sally, yellow body and feathers; Coachman, green body, white and brown feathers; Professor, yellow body, red, brown and gray feathers.

	Per Ass't
No. 2683-3/0—With 3/0 hook	$3 00
No. 2684—With 4/0 hook	3 00

One ass't in cardboard box; wt per ass't 5 ozs.

TROUT



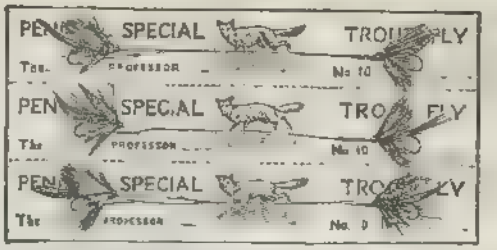
Fine quality made with all silk bodies; on best quality gut.

	Per Gro
No. 250C—Coachman, tied on, 10 hook	
No. 250WM—White Miller, tied on, 8 hook	
No. 250BG—Black Gnat, tied on, 10 hook	
No. 250P—Professor, tied on, 8 hook	
No. 250GK—Grizzly King, tied on, 10 hook	
No. 250SD—Silver Doctor, tied on, 8 hook	
No. 250RC—Royal Coachman, tied on, 10 hook	
No. 250CD—Cow Dung, tied on, 8 hook	$15 00
No. 250SG—Seth Green, tied on, 10 hook	
No. 250RI—Red Ibis, tied on, 8 hook	
No. 250RW—Reub Wood, tied on, 8 hook	
No. 250QW—Queen of Water, tied on, 10 hook	
No. 250GH—Gray Hackle, tied on, 8 hook	
No. 250BH—Brown Hackle, tied on, 8 hook	

Half doz on perforated card.

FLIES

TROUT



Fine quality; silk bodies on best quality gut on size 8 bent hooks.

	Per Gro
No. 350C—Coachman, tied on, 8 hook	
No. 350WM—White Miller, tied on, 10 hook	
No. 350BG—Black Gnat, tied on, 8 hook	
No. 350P—Professor, tied on, 10 hook	
No. 350GK—Grizzly King, tied on, 8 hook	
No. 350SD—Silver Doctor, tied on, 10 hook	
No. 350RC—Royal Coachman, tied on, 8 hook	
No. 350CD—Cow Dung, tied on, 10 hook	$17 40
No. 350SG—Seth Green, tied on, 8 hook	
No. 350RI—Red Ibis, tied on, 10 hook	
No. 350RW—Reub Wood, tied on, 10 hook	
No. 350QW—Queen of Water, tied on, 8 hook	
No. 350GH—Gray Hackle, tied on, 8 hook	
No. 350BH—Brown Hackle, tied on, 8 hook	

Half doz on perforated card.

BASS FLIES

Wool or worsted bodies, double gut, full feathering, tied on No. 1/0 sprout hook.

	Per Gro
No. 3000BG Black Gnat	
No. 3000GK—Grizzly King	
No. 3000P Professor	
No. 3000YS Yellow Sally	$31 50
No. 3000CD Cow Dung	
No. 3000QW—Queen of the water	
No. 3000RC—Royal Coachman	

Half doz in envelope.

Full silk bodies, dressed with full wings and tied on best No. 1/0 hollow point sprout hooks, best selected double gut.

	Per Gro
No. 3775BG—Black Gnat	
No. 3775RC—Royal Coachman	
No. 3775GK—Grizzly King	
No. 3775P—Professor	$45 00
No. 3775CD—Cow Dung	
No. 3775QW—Queen of the Water	
No. 3775YS—Yellow Sally	

One on card.

DISPLAYS

SOUTH BEND STREAMER HACKLE FLY

A type of fly rod lure that has been successfully used under variable conditions. Hackle tied full with streamer masking No. 1/0 hook with extra large edge for attaching spinner, etc. Designed for trout, bass and all species of fresh water game fish.

Display consists of 12 Hackle Flies, two of each mounted on easel back counter display card as follows:

1—No. 11, red with white streamer.
1—No. 12, grey with white streamer.
1—No. 13, yellow with white streamer.
1—No. 14, black with white streamer.
1—No. 15 white with red streamer.
1—No. 16, brown with white streamer.

	Each
No. 346—Complete as described	$9 30

One display card in cardboard box; wt each 1¾ lbs.

SOUTH BEND DART ORENO

Equipped with detachable 1/0 forged hook and nickel plated head plate. A semi-surface lure when ruled very slow in retrieving travels somewhat deeper under moving conditions. An extremely live wiggler, when pork rind is attached ahead of hook, it sweeps back and forth directly above hook and not impeded by any type of weed guard. Length over all 4¼ inches. Display consists of 6 Dart Oreno's one of each mounted on easel back display card as follows:

Pattern	Body	Hackle Color	Buck-tail Body	Hackle Streamer
545-NW	Chromium	White	White	Red
545-NR	Chromium	Red	Red	Red
545-CR	Copper	Red and White	Red	White
545-CB	Copper	Brown	Brown	Red
545-BY	Brass	Yellow	Yellow	Yellow
545-BO	Brass	Orange and Black	Orange	Black

	Each
No. 344—Complete as described	$13 20

One display card in cardboard box; wt each 1½ lbs.

FISH HOOKS

PFLUEGER, FEATHERED TREBLE HOOKS, RINGED

Spear point treble hooks are ringed and tied with assorted water fowl feathers.

Designed especially to be used in connection with No. 110 Fluted Bait and other similar style baits.

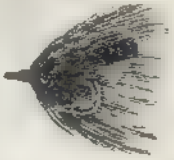
	Per Doz
No. 188-2—No. 2 hook	$2 10
No. 188-1—No. 1 hook	2 10
No. 188-1/0—No. 1/0 hook	2 55
No. 188-2/0—No. 2/0 hook	2 85
No. 188-3/0—No. 3/0 hook	3 30
No. 188-4/0—No. 4/0 hook	4 05

One doz in cardboard box

BLACK BEAR GNATS

"PECKS"

For Peck's Bucktail.



Natural black bear and bucktail hair. Unequalled for bream, blue gill, and rock bass; tied on ringed hooks. Size No. 10 hook.

	Per Doz
No. 1BG-10—Black with red body	$4 05

One on card, twelve cards connected, one doz in cardboard box.

ARTIFICIAL BAIT

PFLUEGER HELGRAMITE

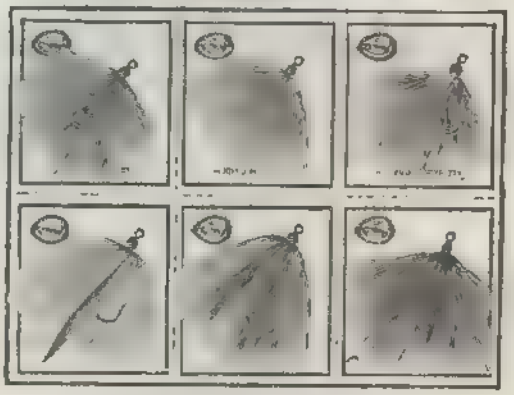
Pure soft rubber, painted and decorated with Flexo, a scientifically perfect solution that will not crack or peel. Mounted with hollow point, ringed sprout hooks.

Nos.	759-1/0	759-1	759-2
Length, ins	1½	2¼	2⅝
Size hook	1/0	1	2
Size rings	6	1	1
Wt per doz, lbs.	½	¾	1
Per Doz.	$5 40	6 60	9 90

One on card, one doz in cardboard box.

BAIT ASSORTMENTS

SQUIRREL TAIL BASS FLIES HILDEBRANDT



Grey, fox, yellow, red, black and green colors, tied to show dark streak across body. Very effective when used with a spinner. Fitted with No. 1/0 hook.

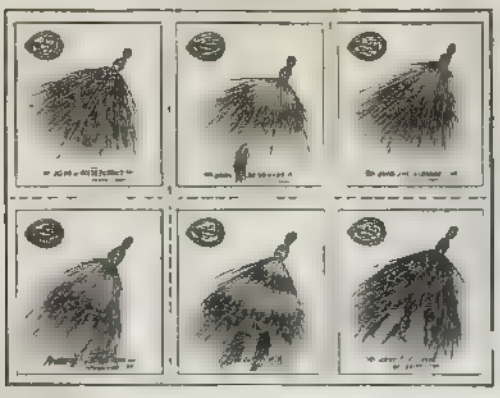
	Per Ass't
No. 1HST—Ass't consists of 2 of each color.	$9 00

One doz in cardboard box, wt per ass't 6 ozs.

BAIT ASSORTMENTS

FOX TAIL BASS FLIES

HILDEBRANDT



Grey, fox, yellow, red, black and green colors, tied with silk bodies, with the hair tied back to show the bodies. Fitted with No. 1/0 hook.

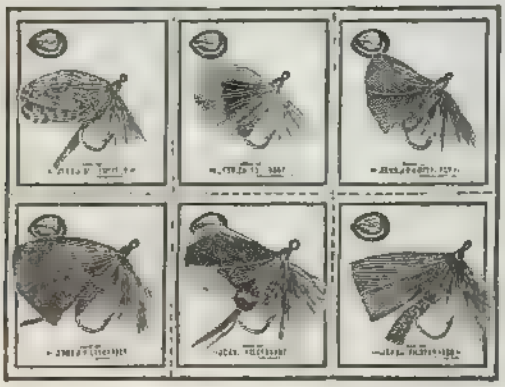
Per Ass't

No. 1HFT—Ass't consists of 2 of each color $9 30

One doz in cardboard box; wt per ass't 6 ozs.

BUCKTAIL FLIES

HILDEBRANDT



Good grade live hair, tied in assorted color combinations of red and white, all red and all white.

Can be used for fly fishing or with a spinner for casting.

Bass Fly Assortments.

Per Ass't

No. HS-B—Supreme Bass Fly ass't with 1/0 hook $7 95
No. HF-B—Fancy Fly ass't with 1/0 hook 6 00
No. HB-B—Bucktail ass't flies, with 1/0 hook 9 30

One doz in ass't in cardboard box; wt per ass't 6 ozs.

Trout Fly Assortments.

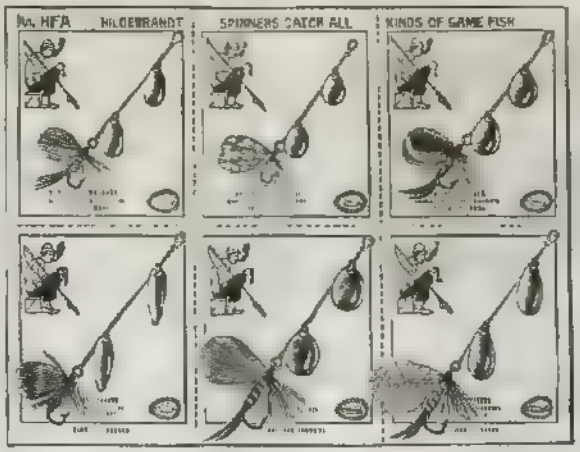
Per Ass't

No. HS-T—Trout size Fly ass't, with 6, 8 and 10 ass't hooks $6 60
No. HF-T—Trout size Fancy Fly ass't, with 6, 8 and 10 ass't hooks 3 90

One doz in cardboard box; wt per ass't 6 ozs.

BAIT ASSORTMENTS

HILDEBRANDT CATCH ALL

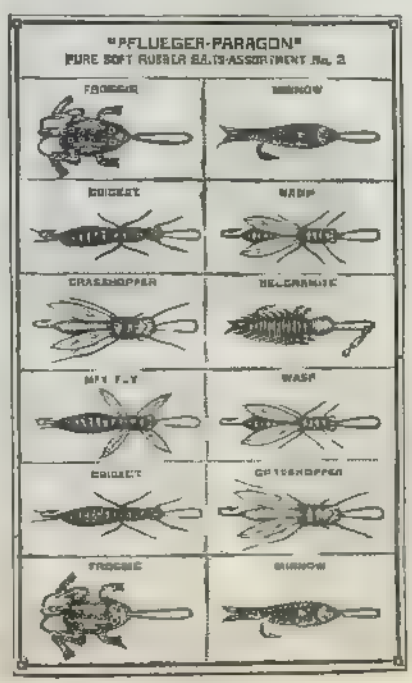


Nickel plated brass blades mounted on steel tinned, rust-proof music wire with reversible hinged lug. Snap connection on each spinner allows any kind of hook or fly to be used. Also used without fly ahead of worms, minnows, etc. Assortment consists of 12 spinners, 6 single and 6 double with colored assorted fancy flies, 6 of each mounted on display card.

Per Ass't

No. HFA Wt per ass't 1½ lbs $8 40

One ass't of 2 display cards in cardboard box



PARAGON

Pure soft rubber; painted and decorated with special formula "Flexo" the most scientifically perfect solution ever applied to rubber and is as flexible as the rubber itself.

Assortment comprises of 12 baits; 1 inch long, sewed on a perforated card, making a handy counter display.

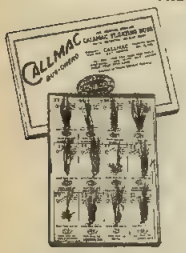
Per Ass't

No. 2—As described above $7 50

One ass't in cardboard box.

J TROUT AND BASS BAITS

TROUT BUGS



Callmac

Consists of cork body, fly or bug shaped. Bucktail and feather combination for tail and wings. Patent no-slip hook extends through body and prevents turning or twisting therein. **Bass Size:** No. 1/0 Turn-down-eye Model Perfect bronze hook. **Trout Size:** No. 10 Turn-down-eye Model Perfect bronze hook.

No. 320—Assortment—Consisting of 12 designs or individual patterns $7.80

NO.		EACH
21	Black Gnat	$0.50
22	Parma Belle	.50
23	Cahill	.50
24	McGinty	.50
25	Coachman	.50
26	Professor	.50
27	Brown Hackle	.50
28	March Brown	.50
29	Gray Hackle	.50
30	Squirrel Tail	.50
31	Royal	.50
32	Grizzly King	.50

BASS BUGS

Callmac

No. 310—Assortment—Consisting of 12 designs or individual patterns $7.80

NO.		EACH
1	Peet's Favorite	$0.65
2	Dilg's Gem	.65
3	Clark's Fancy	.65
4	Wilder's Discovery	.65
5	Hadley's Choice	.65
6	St. John's Pal	.65
7	Chadwick's Sunbeam	.65
8	Alex Friend	.65
9	Bob Davis	.65
10	Zane Grey	.65
11	Carter Harrison	.65
12	Dr. Henshall	.65

FLY-ORENO

Cut shown here ½ actual size.

Body is 1¼ inches long. Equipped with one No. 9 bronzed hollow point, double hook; easily detached or reversible.

Assortment of 12 standard color Fly-Oreno baits furnished in a neat pocket-size box. Every fly-rod angler should have the entire set—since it can be so easily carried—to meet all conditions of time and weather. They're fish getters—every one of 'em.

NO.		ASST.
380	Assortment	$7 80
		DOZEN
970RH	Red Head, White Body	$7.80
970F	Imitation Frog Color	7 80
970RSF	Scale Finish, Red Blend	7 80

TROUT-ORENO

A neat, compact coat pocket size box containing one each of the twelve standard colors.

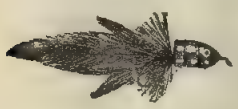
Each bait is in a separate compartment. A trial of this bait will convince every fly-rod angler of its merits and desirability of having all twelve standard colors. Box size is 6 inches by 4¼x⅝-inch.

NO.		ASST.
381	Assortment	$7.80
		DOZEN
971RH	Red Head, White Body	$7.80
971RSF	Red Scale Finish	7 80
971F	Frog Color	7.80

TROUT AND BASS BAITS J

Heddon Wilder-Dilg Lure

Closely imitates the action of a wounded Minnow which Bass and Trout strike viciously when nothing else gets a rise. Regular Bass size has No. 1 O'Shaughnessy hook, length of lure over all 3¼ inches. Weight 1-20th of an ounce. Packed in single boxes, 12 boxes to the carton. Made in the following colors:



NO.	Head	Hackles	Body
1	Blue	White & Orange	White
2	Red	Red	Red
3	Green	Red & Yellow	Yellow
4	Green	Red & Brown	Brown
5	Brown	Orange	Orange
6	Black	Orange & Black	Orange
7	White	White	White
8	Brown	Brown	Brown
9	Red	Brown	White
10	Silvery Brown & Yellow	Yellow	Yellow
11	Green	Yellow & White	White
12	Yellow	Yellow	Yellow

NO.		ASSORTMENT
112	(For Bass)	$9.00

South Bend—Feath-Oreno—Bass Size

The Feath-Oreno (Bass size) is tied on a No. 1/0 hollow point bronzed hook, special improved design, that makes this lure superior in hooking qualities. Also furnished on TD Eye hook, if desired. Body is cork and it will neither slip nor twist. In 12 standard patterns. South Bend Feath-Oreno Minnows, furnished in twelve standard patterns: 1, Red Ibis. 2, Royal Coachman. 3, Gray Hackle 4, Silver Doctor. 5, The Cole. 6, Grizzly King. 7, Yellow Drake. 8, Brown Hackle. 9, Parmacheene Belle. 10, White Miller. 11, Lord Baltimore. 12, Blue Jay.

NO.	Size	DOZEN
315	Bass	$9.00

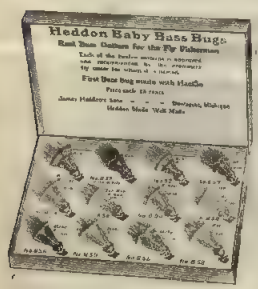
Each in a box; 1 dozen in a carton.

South Bend—Feath-Oreno—Trout Size

The Feath-Oreno (trout size) is of same general construction throughout as bass size, however, tied on a No. 6TD Eye hollow point bronzed hook. In 12 standard patterns, same as bass size.

NO.	Size	DOZEN
313	Trout	$6.00

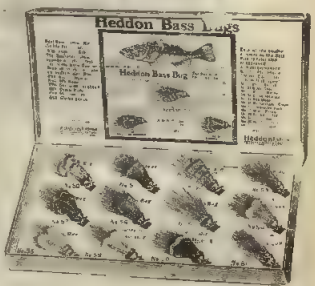
Each in a box; 1 dozen in a carton.



BASS BUGS

Heddon—The Bug with the Hackle

The new Heddon bass bug has solid cork body, perfect hook with turned down eye. Hook is firmly imbedded in the cork and tied securely, the whole body finished with Heddon's superior enamel. The wings, hackle and tail are securely tied. When in the water, the hackle spreads and serves to conceal the hook point. It also helps support the wings. Will light on the water in the proper position with the hook down. For fish-getting qualities these bass bugs stand supreme.



NO.	Lgth. In.	ASSORTMENT
HBB	2¼	$9.00
BABY	1¾	7.80

Packed in attractive display boxes.

WOOD MINNOWS
SOUTH BEND TEAS-ORENO

Select red cedar body, water-proof enamel finish. Equipped with two nickel plated treble hooks and chromium finish head plate. Produces a crawling wiggling, lifelike motion on surface of water. Length over all 4½ inches. Display consists of 6 Teas-Oreno's, one of each mounted on easel back display card as follow:

1—No. 940RH, Red head and white body.
1—No. 940R, Rainbow color.
1—No. 940F, Imitation frog color.
1—No. 940SF, Scale fish green.
1—No. 940YP, Yellow perch.
1—No. 940MS, Minnow scale finish.

Each
No. 340—Complete as described..... $16 50

One display card in cardboard box; wt each 1½ lbs.

SOUTH BEND

Bodies of genuine selected red cedar, having many coats of special waterproof enamel. The eyes are properly placed and counter-sunk to give natural appearance. All trimmings are heavily nickel plated, excepting the spinners which are high grade 18% nickel silver polished and buffed. Hooks are imported, highly finished and extra strong.

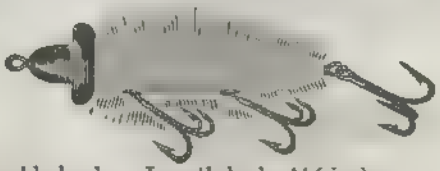
FRONT-ORENO

One double No. 4 bronzed, hollow-point hook. Length body 1¾ inches.

Per Doz
No. 971RH—Red head and white body..... $17 10
No. 971RAIN—Rainbow color..... 17 10
No. 971YP—Yellow perch, scale finish..... 17 10
No. 971RSF—Scale finish with red blend..... 17 10

One in cardboard box; wt per doz 1 lb.

SOUTH BEND, STANDARD WOODPECKER BAIT



Three treble hooks. Length body 4½ inches.

Per Doz
No. 923LUM—Nite-Luming finish with red head..... $22 50

One in cardboard box; wt per doz 2 lbs.

SOUTH BEND

One side and one tail treble hook, length body 2¾ inches.

Per Doz
No. 972RH—Red head and white body.....
No. 972SF—Scale finish, green..... $22 50
No. 972LUM—Nite-luming finish.....

One in cardboard box; wt per doz 1¼ lbs.

WOOD MINNOWS
SOUTH BEND

Bodies of genuine selected red cedar, having many coats of special waterproof enamel. The eyes are properly placed and counter-sunk to give natural appearance. All trimmings are heavily nickel plated, excepting the spinners which are high grade 18% nickel silver polished and buffed. Hooks are imported, highly finished and extra strong.

BASS ORENO

Two side and one tail treble hook. Length body 3½ inches.

Per Doz
No. 973RSF—Scale finish with red blend.....
No. 973R—Solid red color.....
No. 973RH—Red head and white body.....
No. 973LUM—Nite luming finish.....
No. 973RAIN—Rainbow color..... $26 40
No. 973YP—Yellow perch, scale finish.....
No. 973F—Imitation frog color.....
No. 973Y—Yellow body with black stripes and spots and red head.....

One in box.

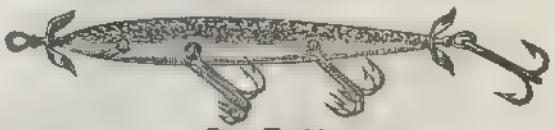
FISH ORENO

One side and one tail treble hook. Highly nickeled head plate. Length body 3½ inches.

Per Doz
No. 953RH—White body, red head.....
No. 953SF—Scale finish.....
No. 953CS—Copper scale finish.....
No. 953RAIN—Rainbow color.....
No. 953Y—Yellow body with red and green decorations and highly nickeled head plate..... $33 00
No. 953P—Pike finish with highly nickeled head plate.....
No. 953S—Silver finish, black blending around eyes.....
No. 953F—Imitation frog color.....

One in cardboard box; wt per doz 1¼ lbs.

SOUTH BEND, PANETELLA (Slim Jim.)



Five Treble.

Four sides and one tail treble hook. Length of body 4¼ inches.

Per Doz
No. 915GCBW—Green colored back, white belly.....
No. 915RAIN—Rainbow color green back, red and yellow sides, blending into white belly..... $26 40
No. 915RH—Red head with white body.....
No. 915RSF—Scale finish with red blend.....

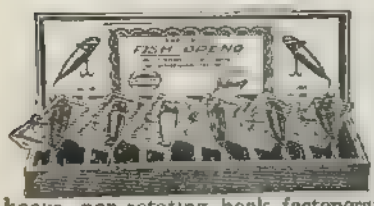
SOUTH BEND, STRIKE-ORENO

Consists of gay feathers and hackle tied upon weedless single hook, size 5/0, body is of sufficient weight for ideal casting.

Per Doz
No. 1—Red Ibis..... $22 50
No. 5—The Cole..... 22 50

Mounted one on card, six cards connected; one-half doz in cardboard box; wt per doz ½ lb.

WOOD MINNOWS
SOUTH BEND, FISH-ORENO



Consists of six baits, one each of the following: White body with red head, copper body, pike finish, scale finish, copper scale finish, any yellow body with black spots and stripe. Two treble hooks, non-rotating hook fasteners; highly polished nickeled head plate. When retrieved performs in an erratic and ziggag fashion. Length of body 3½ inches.

	Per Ass't
No. 353—Wt per ass't 1½ lbs	$16 50

One ass't in cardboard display box.

PFLUEGER, LAST WORD WOBBLER

Convex shape bait extra strong spring metal, highly polished. Designed in such a manner as to wobble, dive, and dart in a most life-like manner and with all the effect as an injured and crippled minnow. Mounted with extra strong rust proof brass plated steel split rings with bright nickel plated size 1/0 treble hooks. Treated to prevent discoloration.

Assortment consists of six minnows as follows:

1-No. 5603—Natural mullet, scale finish
1-No. 5605—Natural frog, scale finish
1-No. 5606—Natural perch, scale finish
1-No. 5612—White enamel, red spine, scale finish
1-No. 5613—White enamel, black spine, scale finish
1-No. 5622—White enamel, green and red spots, scale finish

	Per Ass't
No. 6260—Complete as described. Length body 3 ins	$6 60

One ass't mounted on attractive display cardboard, packed in carton; wt per ass't ¾ lb.

PHANTOM MINNOWS

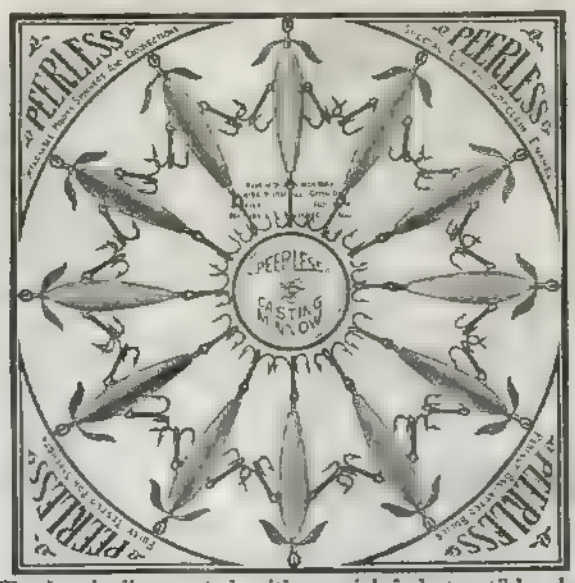
Life-like minnow heads; strong ribbed silkalene, the best substitute ever found for silk. Blended with oil colors guaranteed not to crack, peal or fade. Mounted on good quality gut shafts and gongs with best quality spear point treble hooks bronzed. Brass barrel swivels.

"PFLUEGER'S"

Nos.	Length Minnow, ins.	Per Doz
1515-1	2	$11 85
1515-2	2½	13 20
1515-3	3	13 20
1515-4	3¼	15 45
1515-5	3½	15 45
1515-6	4	17 25
1515-7	4½	19 80

One on card in cardboard box; wt per doz 2 ozs.

WOOD MINNOWS
PEERLESS



Wooden bodies coated with special indestructible elastic waterproof porcelain enamels and mounted with three best quality spear point treble hooks ringed, size 2. Polished nickel plated spinners and connections.

Length 2½ inches.

	Per Doz
No. 4180—White enameled all over	$6 60
No. 4194—White enameled belly, blended green back	
No. 4195—White enameled belly, blended red back.	

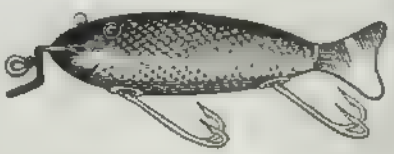
One doz on display card; 1 card in cardboard box.

PEERLESS ASSORTMENT

	Per Ass't
No. 3003—Consists of twelve minnows. 4 each Nos. 4180, 4194 and 4195	$6 60

One ass't on display card; 1 card in cardboard box

DE LUXE WAG TAIL CHUB

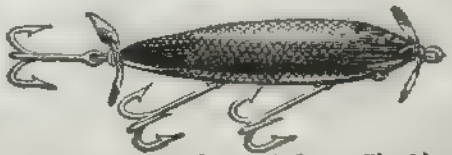


Genuine cedar body; rust proof nickel plated tail which swings back and forth as the bait travels through the water. Reversible double hooks. Length body 2¾ inches

	Per Doz
No. 800—Natural creek chub, scale finish	$26 40
No. 801—Natural perch, scale finish	
No. 804—Golden shiner, scale finish	
No. 805—Red side minnow, scale finish	

One in cardboard box; wt per doz ½ lb

FLAT SIDE



Genuine cedar body; rust proof nickel plated hooks and spinner. Represents an injured minnow which is laying on its side exhausted, but still able to make a little motion on the surface and should be pulled in a series of short slow jerks, or very slowly to properly imitate a struggling minnow. Length of body 3¾ inches.

	Per Doz
No. 1501—Natural perch, scale finish	$26 40
No. 1503—Silver shiner, scale finish	
No. 1504—Golden shiner, scale finish	
No. 1505—Natural creek chub, red side, large scale finish	
No. 1518—New silver flash	

One in cardboard box; wt per doz 1½ lbs.

A New Game Every Season

ROMPO

This is a brand new one for grown-ups and children of all ages, and they take to it like ducks to water.

RETAILS AT 25¢ & 50¢

YOLO
GAME BOARD

With 5 Throwers and 10 Balls

Retails at $10.00

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THROWING GAME

5 Gaily Painted Standards
5 Throwers and 10 Balls
A Real Thriller

Retails at $7.50

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TIME UTILIZER BOARDS

The Home Character Builders
Retail at $1.00 and $1.50

All Our Games Are New and Fully Protected by Patents

Get Our Prices on Rubber Balls

Send for Illustrated Price List

The TOM SPAULDING GAME Co., INC.

1845 BROADWAY, NEW YORK

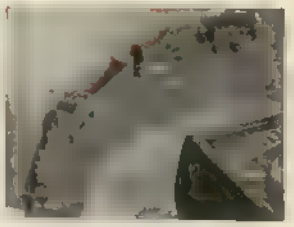
Start your letter right: "I saw your ad in PLAYTHINGS."

MAY TIME... PLAY TIME... PROFIT TIME

IT'S true! May time is Profit time for enterprising toy shops...if stocks and displays are up to the minute. For this is the gay season, when youngsters are out of doors...old playthings are laid aside...new toys, timely toys are needed. Are you helping their Mothers and Dads "deliver the goods"?

Many numbers in the Kilgore line of Year 'Round Toys for Girls and Boys are "made to order" for May and June and summer play. Attractive furniture sets for the girls . . . interesting motor toys and planes for the boys. All Kilgore toys are colorful, durable, and inexpensive. It's a profitable line to handle. Ask your jobber about Kilgore toys or write direct for literature.

This is the SALLY ANN Nursery Set...a great number for little girls . . . five interesting toys.



And this is the BILLY-BOY Railroad Toy Set...Engine ...Tender...Tank Car...Passenger and Caboose.

THE KILGORE MFG. COMPANY
Division of American Toys, Inc.
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New York Sales Offices and Display 450 Fifth Ave., Bldg., 200 Fifth Ave.
J. Warren Wiles Representative
Canadian Division, Kilgore Manufacturing Co., of Canada, Waterloo, Quebec

KILGORE

YEAR 'ROUND TOYS FOR GIRLS AND BOYS

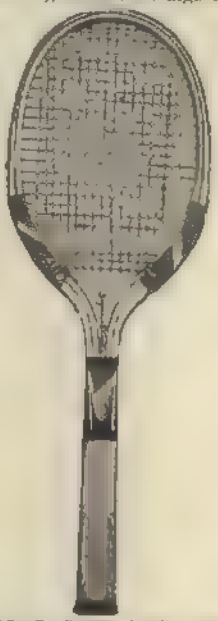
Start your letter right: "I saw your ad in PLAYTHINGS

New "Speed Models" Tennis Rackets

A feature of outstanding merit in the Wilson line of rackets is the use of moisture-proof stringing in all numbers, from the top numbers down to the most moderate priced numbers. Moisture proof stringing as its name implies, is not affected by dampness or climatic conditions as it is stronger and more durable to begin with at the start; moreover W. Wilson rackets strung with moisture-proof stringing carry a metal tag specifying the wind and tensile strength of the strings used

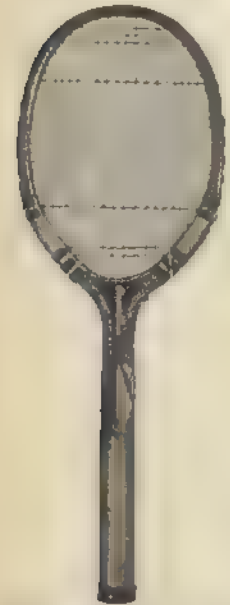
G426 1 Geo. Agutter Forest Hills Model The Agutter Forest Hills Model is the result of the latest and most modern ideas in racket construction. It has a new open throat model. Strung with special waterproof strings, it is a racket that will stand up under the hardest kind of play. Strung with waterproof strings. A fine fast racket giving maximum speed with the greatest strength **$21.30**

G426 2 Laminated "Speedwood" AAA racket The very latest development in tennis rackets. Has a one-piece laminated frame. Frame extends around shoulders and down well into the handle. Strung with 140s Crest purple waterproof strings, [illegible] a center square of white lock stitch. Lyon & Healy trademark on shoulders with blue fibreloid and blue and white cable cord, making a very attractive and substantial tennis racket **$21.50**

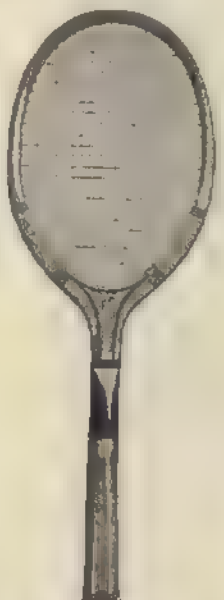


G426 3 Super Stroke The racket with the perfect "feel" and balance. Finest possible quality second growth white ash. Duco finished. Triple reinforced and bound at throat and shoulders. Four-sided white basswood handle. Strung with [illegible] waterproof strings **$19.20**

G426 4 Wimbledon A very beautiful racket [illegible] three-piece construction with laminated [illegible] Strung with maroon [illegible] white interlocking [illegible] beautifully with the trim on the frame. **$16.25**



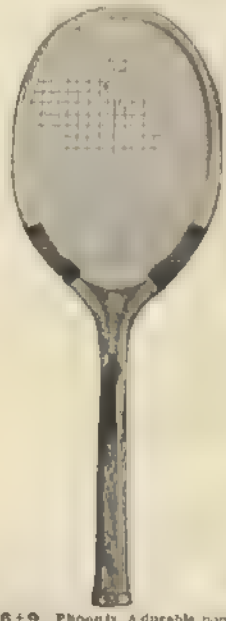
G426+5 Onwentsia Has a full [illegible] a racket of balance, [illegible] and grip with [illegible] The cable cord stringing of the [illegible] with silk stringing and white interlocking [illegible] **$11.50**



G426 6 Golden Star Racket The [illegible] with green fibreloid wraparound shoulders **$9.25**

G426+7 Wilson Indestructo steel racket. The [illegible] steel [illegible] a balance [illegible] Strung with [illegible] A special [illegible] feel of gut and will not become [illegible] be supplied in light, medium and heavy weights **$9.10**

G426+8 Premier. This is the first season during which we [illegible] steel with [illegible] colored cable cord. String with [illegible] A full [illegible] beginners or juvenile tennis players. **$4.25**



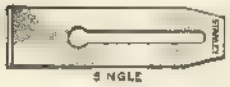
G426+9 Phoenix A durable, popular priced racket. The quality which [illegible] inside beveled bow reinforced with purple [illegible] The new feature [illegible] the bow is cut away so that the silk strings [illegible] This is a very handsome racket for the money **$7.50**

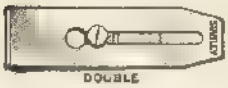
NOTICE

All our tennis rackets are now finished in a clear, colorless **Duco** that enhances the beauty of the natural wood in a natural finish. Duco is especially suitable for tennis rackets [illegible] and is many times more durable [illegible] climatic conditions than ordinary varnish and thus is more preserving to the racket than ordinary varnish.

PLANE IRONS

STANLEY





For Bed Rock and Bailey Iron and Wood Planes

The proper bevel for grinding the cutter is at an angle of about 25°. This angle should be observed when re-grinding or re-honing the cutter.

The single irons of the same size are identical; thus a 1¾ inch single iron fits all planes that take a 1¾ inch plane iron. The cap iron (which combined with single iron makes the double iron), however, is not the same in all cases on the iron, wood and circular planes and is therefore not interchangeable. In ordering be sure to give the number of the plane, size of iron and state whether single or double irons are required.

	Single, Each	Double, Each
1⅛ Inch for Plane No. 1	$0 45	$0 80
1⅝ Inch for Planes Nos. 2, 2C, 602, 602C	50	85
1¾ Inch for Planes Nos. 3, 3C, 5¼, 5¼C, 603, 603C, 605¼	55	90
2 Inch for Planes Nos 4, 4C, S4, A4, 5, 5C, S5, A5, 24, 26, 35, 604, 604C, 605, 605C	60	95
2⅛ Inch for Planes Nos 10, 10¼, 10½	65	1 00
2¼ Inch for Planes Nos. 5½, 5½C, 27½, 605½, 605½C	70	1 10
2⅜ Inch for Planes Nos. 4½ 4½C 6, A6, 6C, 7, 7C 11, 28 31 36, 51, 604½, 604½C, 606, 606C, 607, 607C	75	1 20
2⅝ Inch for Planes Nos. 8, 8C, 32, 608, 608C	80	1 30

Half dozen in a box.

STANLEY GAGE

1⅛ Inch for G3 and G3C Planes. Wt. each, ⅛ lbs. ..... Each $0 75

2 Inch for G4, G4C, G5 and G5C Planes. Wt. ea. ⅛ lb. ..... Each $0 85

2¼ Inch for G6 and G6C Planes, Wt. ea., ⅛ lb. ..... Each $0 90

2½ Inch for G7 and G7C Planes, Wt. each, ⅛ lb. ..... Each $1 00

Open Stock.

BLOCK PLANE IRONS

STANLEY

1⅝ inch, for planes Nos. 60, 60½, 61, 203 ..... Each $0 45

1⅜ inch, for planes Nos. 102, 103 ..... Each $0 21

1⅝ inch, for Planes Nos. 9½, 9¾, 15, 15½, 16, 17, 18, 19, 63, 65, 65½, 120, 131, 220 ..... Each $0 45

1⅝ inch, for Planes Nos. 110 130 ..... Each $0 32

Specify number of plane.

PLANE HANDLES

STANLEY

Specify Number of Plane.

No 11. For Nos. 3, 3C, 4, 4C, 5¼, 5¼C, 603, 603C, 604, and 604C Planes ..... Each $0 45

Half dozen in a box.

STANLEY PLANS

ASSORTMENT K

Assortment K includes the attractive display card shown, and 42 plans listed below. The card is produced in three colors and is printed on heavy cardboard. A pocket is provided for holding a few of the plans. Each plan contains information on the materials needed, complete directions for making the object shown, as well as a list of the tools needed to do the work. The plans have been carefully laid out, with numerous illustrations so as to make the work easy. There is an increasing number of people who are finding real pleasure in making things with their own hands. Stanley Plans have been designed to help them. This display ties your store in with Stanley National Advertising to the boy, homeowner, handy-man and general public.

Plans are as follows:

No. 1 Book Rack.
No. 2 Candle Stick or Flower Holder.
No. 3 Pipe Rack with a Bracket Shelf.
No. 4 Flower Box and Fern Stand.
No. 5 Table Lamp.
No. 6 Toy Automobile.
No. 7 Sconce.
No. 8 Dinner Gong or Chimes
No. 9 Bird Houses, Shelters and Feeding Box.
No. 10 Dog House.
No. 11 Book or Magazine Stand.
No. 12 Smoking Cabinet
No. 13 Kitchen Cabinet.
No 14 Sewing Cabinet.
No. 15 Cedar Chest.
No. 16 End Table
No. 17 Tea Wagon.
No. 18 Model Sailboat.
No 19 Combination Sail and Row Boat.
No 20 Combination Kitchen Seat and Step Ladder
No. 21 Garden Seat.
No. 22 Garden Trellis
No. S70 How to Make a Small Tool Chest.
No. S71 How to Make a Large Tool Chest.
No. S72 Tow to Make a Work Bench.

This Assortment contains the following:

1 each Nos. 2, 3, 7, 8, 13, 14, 15, 20, 22
2 each Nos. 1, 4, 5, 6, 10, 11, 12, 16, 17, 18, 19, 21, S70, S71 and S72.
3 only No. 9.

Assmt K. Including 42 plans Each $4 20

Individual Plans ..... Each 10

In corrugated container ready for shipment

BOOKS
STANLEY WOODWORKING

A complete woodworking guide with over 150 illustrations and diagrams.

No. 157. Bound in blue cloth, 185 pages. Wt. ea., 1⅓ lbs....Each **$1 00**

CABINET SCRAPERS
STANLEY

Japanned

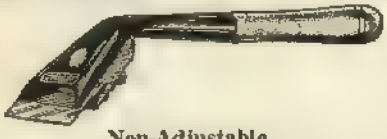
Has a blade that may be sprung to a slight curve by means of a thumb screw, giving ease of operation and quickness of cut. Handles are raised to protect user's hands, and pierced so that tool can be hung up out of the way. Body and handles cast in one piece.

No. 80. Length 11½ in.; 2¾ inch blade. Wt. each, 1¾ lbs...Each **$1 55**
Extra Blades. Wt. ea., 1 oz.Each **$0 30**

Nickeled

Has a rosewood face for use in finest cabinet work. Handles are raised to protect hands, and pierced so that it can be hung up out of the way. Body and handles cast in one piece.

No. 81. Length 10 inches; 2½ inch blade. Wt. each, 2¼ lbs....Each **$2 40**
Extra Blades Wt. each 1 oz Each **$0 30**
Extra Bottoms.....Each **60**



Non-Adjustable.

While this scraper can be used for all kinds of scraping, it is especially recommended for scraping floors on account of its strength and form. The body is ground smooth and japanned. The handle is of hard wood, securely fastened. The blade is sharpened at both ends. Japanned.

No. 282. Blade, 3 inches wide; length, 13 in. Wt. 1⅔ lbs...Each **$1 50**
Extra Blades. .....Each **30**

CABINET SCRAPERS
STANLEY

Adjustable.

Has an adjustable single handle which can be tilted to give blade any angle desired. Special blades of different forms and widths can be securely held in any position required, thus permitting tool to be worked in many places inaccessible to other scrapers. Handle and knob of hardwood.

Japanned. Nickel Plated Trimmings

No. 82. Length 14½ inches; 3 inch blade. Wt. each, 1¾ lbs....Each **$1 75**
Extra Blades. Wt. each, 1 oz.Each **$0 30**

One in a box.

STARRETT'S UNIVERSAL

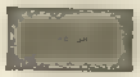
Adjustable.

All edges ground perfectly square, which, by using both sides, gives eight sharp cutting edges; adjustable to any angle.

No. 194. Wt. each, 1¼ lbs. Each **$1 50**
Extra Blades. Wt. ea., 4 ozs. Each **30**

One in a box.

DISSTON



Cast Steel.

Sizes, in.	2½x5	3x6	4x6
Wt. doz., lbs.	2	3	3¾
Doz	$1 80	3 00	3 60

STANLEY

No. 0. 2⅜x6 inches. Made of high grade English steel, and great care is taken to give them a special temper for this work; for use in No. 12 Stanley scrapers. Wt. doz., 3 lbs. Dozen **$6 00**

Half dozen in a box.

SCRAPER BURNISHERS
STANLEY

No. 176. Used for turning edges on cabinet scraper blades. Blade oval shaped, forged from finest tool steel and is glass hard; blade is held firmly in the handle by extending nearly through it and is pinned at the end; hardwood handle, shellac polished; 8 in. overall, blade 3½ in. Wt. doz., 2½ lbs.....Dozen **$9 00**

Half dozen in a box.

BOX SCRAPERS

Malleable Iron Frame. Wood Handle

No. 70. Adjustable, 2 inch steel cutter; maple handle 13 inches long. Japanned. Wt. doz., 12 lbs. Dozen **$13 50**

Extra Blades .....Dozen **$3 60**

Half dozen in a box.

Drop forged curved blades, polished on the outside; smooth handles

No. 74. Width of blade 4 ins., width between handles 3 ins, length 7 ins. Wt doz., 8 lbs.....Dozen **$12 00**

Warrented steel; heavy ferrule; shank is extended half way through the handle and held by rivet; removable blade; rosewood finish handle.

No. 6. Width of cutting edge 2¾ inches, length of handle 7½ inches; length overall 12 inches. Wt. doz., 8½ lbs. .....Dozen **$15 00**

Half dozen in a box.

EXTRA BLADES

For No 6 Box Scrapers..Dozen **$9 00**

STEELCRAFT MINIATURES G

MARION STEAM SHOVELS

All parts constructed of heavy stamped automobile steel. Black enameled body, boom, shovel and base; red roof and wheels Will automatically release sand at any height, as body swivels on the base the bucket can be emptied in any position. Large casters make pulling easy.

NO.	Size In.	lb Each	EACH
75	71x14x21	12	$3.75

ARMY TRUCK

Built entirely of steel. Body in fawn, wheels in red baked enamel. Double disc wheels with large solid rubber tires.

NO.	Length In.	Width In.	Lbs Ea.	EACH
124	23¼	8¾	9	$3.70

One in a carton.

DUMP TRUCK

Made of steel. Cab, chassis and wheels red enamel, box gray enamel. Has a real dumping mechanism. Box can be raised and lowered. Heavy stamped steel wheels.

NO.	Length. In	Width In	lb Ea	EACH
100	23½	6	5	$1.60

DUMP TRUCK

Built entirely of heavy gauge steel. Double disc wheels with solid rubber tires. Hood, seat and chassis green baked enamel. Box and wheels red baked enamel.

NO.	Length In.	Width In.	Lbs. Ea.	EACH
120	23¼	8¾	8	$2.90

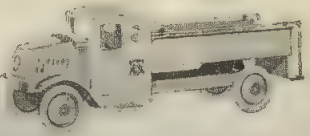
One in a carton.

MACK DUMP TRUCK

Made of heavy automobile steel. Cab, box and wheels in red enamel, chassis and fenders in black enamel double disc, solid rubber tire wheels. Equipped with pull cord.

NO.	Lgth. In.	Width. In	lb Ea.	EACH
70	26¾	9	12	$5.50

ICE DELIVERY TRUCK



Built entirely of steel. Double disc wheels with large solid rubber tires. Hood and box are green with orange wheels.

NO.	Length In.	Width In.	Lbs Ea.	EACH
122	24¼	8¾	9	$3.75

One in a carton.

MACK TANK TRUCK

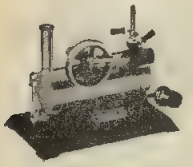
Made of heavy gauge steel. Has regular steering mechanism. Tank, cab and wheels in red enamel, chassis fenders and side racks in black enamel. Double disc steel wheels with solid rubber tires. Equipped with pull cord.

NO.	Lngth. In.	Width. In	lb Ea.	EACH
72	27	8¾	14	$7.95

G

MINIATURE ENGINES

STEAM

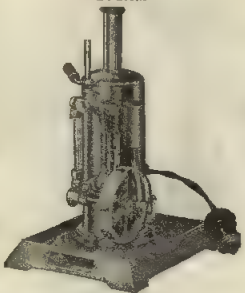


Empire—Electric

A regular steam engine, horizontal type, with an electrical heating element to create steam. Equipped with throttle for varying speeds and a real steam whistle. Safety valve and water gauge prevent excess steam pressure. Its assembly is a seamless drawn copper boiler, a heavy cast base, strong brass running parts and steel connections and highly nickel plated. Operates on any standard light socket without transformer.

NO.	Size In.	Watts	lb Ea	Std. Pkg.	EACH
B30	9¼x5¾x7½	300	7	3	$13 00

STEAM

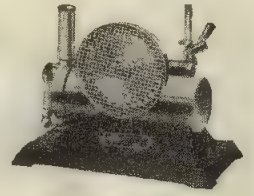


Empire—Electric

This model is exactly like B30 the horizontal type. The only difference is found in the vertical construction. See Model B30 for mechanical construction.

NO	Size In	Watts	lb Ea	Std. Pkg.	EACH
B31	7x6x10	350	6	3	$12.70

STEAM

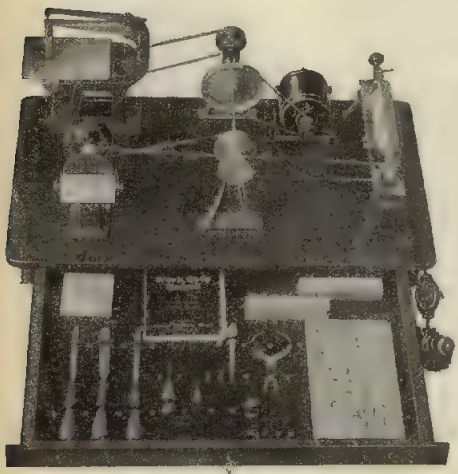


Empire—Electric

Miniature duplicate of large single phase steam turbines. Equipped with throttle, whistle, safety valve, water gauge, seamless drawn copper boiler with heavy cast base, strong brass running parts and steel connections, accurately machined and nickel plated.

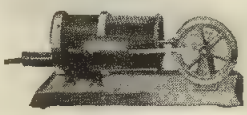
NO.	Size In.	Watts	lb Ea.	Std. Pkg.	EACH
B35	9¼x5¾x7¾	400	6½	3	$12.00

KNAPP WORK SHOP



One in a wooden box.

HOT AIR



Empire—Electric

Driven by hot air expansion. Operates on a standard electric light socket, develops unusual power and will run for hours. Assembled on a heavy cast base with brass running parts and steel connection. Finished in bright red color and nickel plated trimmings.

NO.	Size In.	Watts	lb Ea.	Std. Pkg	EACH
B38	12x6x5¾	350	11	2	$17.50

KNAPP WORK SHOP

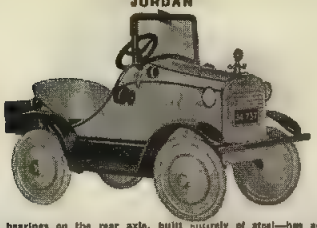
Consists of motor, jig saw, lathe, sander and grinder transmission, special steel cutting tools, one set centre drills. Jaw chuck drill attachment for lathe, calipers, 12 sheets sand paper, bottle of glue, awl screw driver, complete set of belts; already connected, 2 wood blocks, one jig saw board plain, one work shop manuel; one instruction sheet for assemblying etc. Board marked for exact location of tools. Packed knocked down, to prevent breakage.

NO.	Size In.	lb Ea	EACH
895	26x14½	45	..... $40.00

One in a carton.

STEELCRAFT VEHICLES G

JORDAN

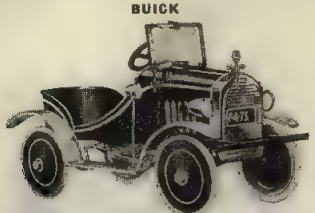


Ball bearings on the rear axle, built entirely of steel—has adjustable pedals, bright radiator, motometer, horn, windshield with rear vision mirror, headlights, parking lights and tail light, front bumper, seat cushion, and trunk on rear; also license plate and designed instrument board. Double disc wheels.

Finish—Body blue baked enamel with cream striping, wheels in red baked enamel, fenders, running boards, and undergear in black baked enamel.

NO.	Lgth. In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	Lbs. Ea.	EACH
16	41½	20⅝	10½x2	3 to 7	75	$22.00

BUICK

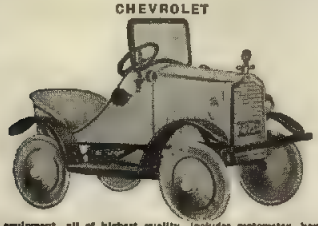


As illustrated, equipment includes:. Adjustable pedals, ball bearings on rear axle, carbon steel springs, motometer, horn, steering wheel, windshield with rear vision mirror, bullet type headlights, running board spotlight, parking lights, tail light, designed instrument board, front bumper, license plates, heavy steel fenders and running boards, and seat pad. The radiator is nickel plated. Double disc wheels.

Finish—Body, seat and wheels in lustrous black baked enamel with orange striping. Fenders, running board and chassis in orange baked enamel.

NO.	Lgth. In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	Lbs. Ea.	EACH
18	36½	20⅝	10x2	3 to 7	67	$20.50

CHEVROLET

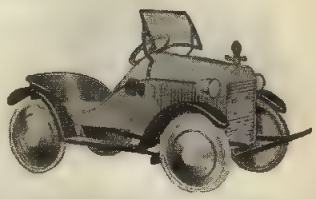


The equipment, all of highest quality, includes motometer, horn, steering wheel, windshield, headlights, parking lights, front bumper, seat pad, license plate and designed instrument board and the rear axle is suspended in ball bearings. Double disc wheels.

Finish—Body in red with cream panel, and attractively striped; wheels in red with striping. Fenders and running gear in black. All parts are in high quality enamel, and hard baked.

NO.	Lgth. In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	Lbs. Ea.	EACH
20	36½	20⅝	10½x2	3 to 7	65	$18.75

DODGE

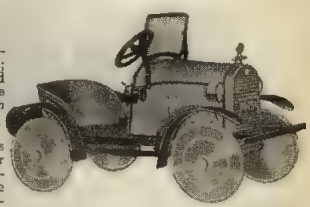


The entire construction of this automobile is of heavy gauge automobile body steel. It has adjustable pedals, carbon steel springs, heavy steel fenders and running boards, adjustable windshield, designed instrument board, bullet type headlamps, motometer, double disc wheels, horn and front bumper.

Finish—Body and seat in blue, chassis and fenders in black, wheels in red—all baked enamel.

NO.	Lgth. In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	Lbs. Ea.	EACH
55	36½	20⅝	10x2	3 to 7	64	$17.50

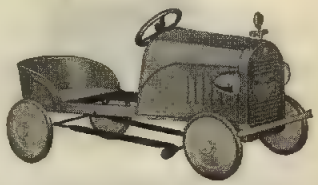
Pontiac



Made entirely of steel; body and wheels are blue enamel with cream striping fenders, running boards and undergear in black enamel. Adjustable pedals, motometer, horn, sport fenders, steering wheels, windshield, headlights, front bumper, license plate and tank on rear. Double disc wheels, rubber tired.

NO.	Lgth. In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	Lb Ea.	EACH
53	38	20⅝	10x2	2 to 5	58...'.	27.60

FORD



This is a juvenile pedal-propelled auto for the small child. Built entirely of steel, it is sturdy and strong. Its design permits exceeding ease in operation. It has adjustable pedals, motometer, steering wheel head lights and license plate.

Finish—Body is in red baked enamel, and is attractively striped. Wheels in red baked enamel with orange stripes.

NO.	Lgth. In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	Lbs. Ea.	EACH
50	29¼	20	8x2	2 to 5	30	$9.75

G

STEELCRAFT VEHICLES

Mack Hook & Ladder

Made of heavy gauge steel. Body and wheels in red enamel, ladders in natural wood finish varnished; has springs, adjustable pedals and ball bearings on rear axle; seats for two children, step on rear. Large nickled bell with pull cord, lanterns and ladders, polished side rails, ladder retaining brackets can be removed if desired and truck converted into a Police Patrol.

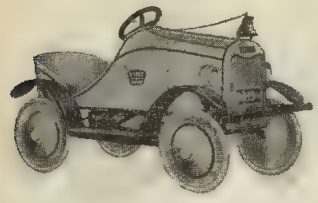
NO.	Lgth. In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	lb Ea.	EACH
34	54½	22½	10x2½	3 to7	85	$30.95

Mack Hook & Ladder

The same quality design and workmanship as the larger hook and ladder, only proportionately smaller in size and has no fenders.

NO.	Lgth In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	lb Ea.	EACH
35	48	20	8½x⅞	3 to 6	62	$18.00

FIRE CHIEF



What boy won't want to play Fire Chief in this car? It is built strongly of heavy gauge steel, has springs, adjustable pedals. The equipment includes a large nickeled bell, with pull cord—crowned steel fenders and running boards, head lights, front bumper, seat pad, designed instrument board, and license plate.

Finish—Body, wheels, fenders and bumper are in brilliant red baked enamel.

NO.	Lgth. In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	Lbs. Ea.	EACH
21	36⅜	20⅜	10x⅞	3 to 5	65	$17.90

FORD FIRE CHIEF

The small child who wants to play Fire Chief, will like this car. It is all of steel, being very strong, and operates very easily. The equipment includes adjustable pedals, large nickeled bell and pull cord, head lights, front bumper, license plate and tank on rear.

Finish—Body and wheels are in brilliant red baked enamel. Undergear in black baked enamel.

NO.	Lgth. In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	Lbs. Ea.	EACH
52	38	20⅜	10x1¾	2 to 5	36	$12.00

Mack Trucks

Made of heavy stamped automobile steel. Body and wheels are red enamel. Fenders black. Carbon steel springs, adjustable pedals, roller bearing wheels, ball bearings on rear axle painted dumping mechanism dump body with tail gate, horn and spot light.

NO.	Size In.	Wheels In	Pedals Adj. Yrs.	lb Ea.	EACH
30	64x25	10½x1	4 to 10	117	$40.00
31	51x22⅜	10 x1¾	3 to 7	76	$14.25

Mack Truck

The same quality, design and workmanship as the larger truck only proportionately smaller in size. Body and wheels in green, undergear in black.

NO.	Size In.	Wheels In.	Pedals Adj. Yrs.	lb Ea.	EACH
33	45x29	10½x1¾	3 to 7	64	$14.25

STEELCRAFT VEHICLES

SPIRIT OF AMERICA

In this aeroplane, the design and lines of a large monoplane have been carried out as closely as possible. The body, wings, motor and propeller are all of heavy stamped steel. The cockpit is large and roomy, giving ample space for child to sit and propel plane. Belt revolves propeller when plane is moving. Chain drive mechanism is illustrated

Finish—Body in orange baked enamel. Wheels, wings, tailpieces and propeller in black baked enamel. Motor and struts in black baked enamel.

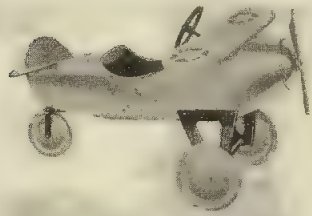
NO.	Lgth. In.	Ht. In.	Wing Spread In.	Skid Wheels In.	Skid Wheel Io.	Lbs.	Es.	EACH
95	53½	29½	36	10x1	8½x⅝	73		$27.00

ARMY SCOUT PLANE

This is a fast selling, popular priced aeroplane, in an intermediate size. The body, wings, struts, motor, propeller and undergear are all of heavy stamped steel. The design is graceful—the cockpit roomy. Propeller revolves when plane is in motion.

Finish -Body in gray baked enamel—wings, tailpieces, propeller and wheels in red baked enamel—motor and undergear in black baked enamel.

NO.	Lgth. In.	Wing Spread In.	Wheels In.	Skid Wheel In.	Pedal Adj. Yrs.	Lbs.	Es.	EACH
67	43½	30	10x⅝	8x¼	3 to 7	37		$14.25



AIR MAIL

This is a wonderful plane for the small child. It is very realistic in design and is built entirely of heavy gauge steel. Finish—Body in red baked enamel—wings, tailpieces, propeller and wheels in gray baked enamel attractively striped.

NO.	Lgth. In.	Wd. In.	Wheels In.	Skid Wheel In.	Pedal Adj. Yrs.	Lbs.	Es.	EACH
80	40	30	8x⅝	6x⅝	1½-3	30		$9.50

AMERICAN NATIONAL VEHICLES

ELECTRICALLY OPERATED

Tilting steering wheel; gas and spark control; instrument board, windshield side wings, spotlight, motor-meter, nickel-plated radiator, mirror, bumper, heavy fenders, maroon spanish leather top, alemite lubricating system; grease, tool bag with tools, upholstered seat, parking lights, electric tail light, horn, gear shift, rumble seat, floor pad, front and rear springs, motor buzzer, kick plates, electric lights, and motor battery, friction brake, rubber tired; disc wheels. American red with white and yellow striping.

NO.	Lgth. In.	Wheels	lb	EACH
8594	74	12x1¼	440	$225.00

One to a crate.

SUNBEAM RACER

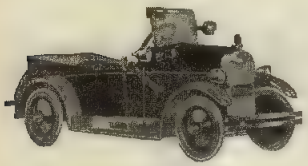
Made of steel. Adjustable pedals. Roller bearing balloon disc wheels. Finished in royal ivory, trimmed in red and black.

NO.	Length In.	Wheels In.	Lbs.	Es.	EACH
9533	57	12x1	120		$30.00

Packed one in wire bound box.

G STEELCRAFT VEHICLES

LINCOLN

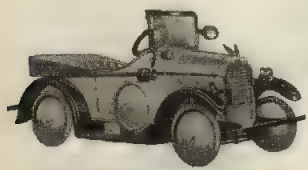


Conforms in lines and appearance to big Lincoln. Accessories on this auto, all of highest quality, include: Adjustable pedals, tempered steel springs, motometer, French bulb horn, steering wheel with spark and gas levers, Udylited windshield, bullet type headlights, spotlight, tail light, parking lights, double front, also rear bumper. Other equipment: Running board spotlight, rear vision mirror, scuff plates, seat and back cushion, spare wheel, hand brake and dummy one-man top, also switch on instrument board. Double disc balloon type wheels with contained roller bearings.

Finish—Body, black with wide orange striping. Fenders, orange. Undergear, black. All parts are baked enamel.

NO.	Lgth. In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	Lbs. Es.	EACH
2	50½	24	11x1½	3 to 10	110	$46.00

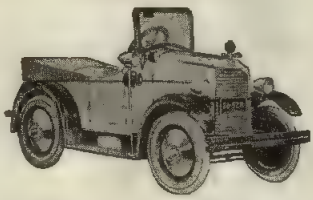
CHRYSLER



Made of heavy gauge automobile body steel. Body and wheels in fawn color with attractive striping. Fenders red, undergear black. Rear axle is mounted on ball bearings, adjustable pedals, motometer, horn, steering wheel with spark and gas levers. Windshield with rear vision mirror, head lights and spot light, parking lights, scuff plates, front and rear bumpers, seat and back cushions, spare wheel, dummy one man top and light switch on instrument board. Double disc wheels, rubber tired with roller bearings.

NO.	Lgth. In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	lb Es.	EACH
3	50½	24	11½x1	3 to 10	105	$42.50

PACKARD LIGHT SIX

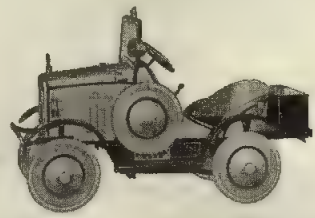


This is a juvenile car in which we have embodied the features of the big Packard. It is built entirely of heavy stamped automobile body steel. The equipment is as illustrated, and includes adjustable pedals, ball bearing mounted rear axle, springs, large horn, steering wheel with spark and gas levers, windshield with rear vision mirror, bullet type headlights, running board spot light, parking lights, scuff plates, double front, also rear bumper, seat cushion, dummy one-man top, and light switch on instrument board, also motometer, and front and rear license plates. Double disc balloon type wheels with contained roller bearings.

Finish—Body in blue baked enamel, attractively striped. Fenders and running gear in black baked enamel.

NO.	Lgth. In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	Lbs. Es.	EACH
4	50½	24	11x1½	3 to 10	105	$38.50

HUPMOBILE



The long racy lines—the equipment, and beautiful finish, holds the child's attention to this car. It is built entirely of steel. The rear axle is suspended in ball bearings, making operation extremely easy; it has carbon steel springs, and adjustable pedals.

This is a fully equipped car, as illustrated, having Udylited radiator, motometer, fenders and running boards, large horn, steering wheel with spark and gas levers, windshield with rear vision mirror, headlights, parking lights, tail light, spot light, scuff plates, front bumper, seat cushion, spare wheel, hand brake and trunk on rear. Double disc roller bearing wheels.

Finish—Body light green enamel, attractively striped. Fenders and undergear in black enamel. All enameled parts are hard baked.

NO.	Lgth. In.	Wd. In.	Wheels In.	Pedal Adj. Yrs.	Lbs. Es.	EACH
15	42	20½	10x1½	3 to 7	84	$25.50

Announcing
the new and complete Steelcraft line of
VELOCIPEDES
and
SIDEWALK CYCLES

Start your letter right: "I saw your ad in PLAYTHINGS."

ALEXANDER DOLLS

Created And Designed By Madame Alexander

Dolldom's Fastest Growing Quality Line

See Our Wonderful $5 Sellers

Buyers who must have utmost value without sacrifice of quality, will be delighted with our exceptional assortment of $5 Retailers.

ALEXANDER DOLL CO.
132 West 22nd St., New York

WRENCHES

BRACE SOCKETS

These wrenches are made of malleable, hardened so as to give the greatest durability together with maximum strength. They are nicely finished. A shoulder prevents the nut working far up into the wrench and the open shank prevents clogging with dirt, also enabling the user to handle the wrench in places where a brace would not go

SQUARE OPENING

L

NO.	Opening	Bolt Size	Cap Screw	Set Screw	Wt. Pkg.	DOZEN
154	⅛ in.	¼ in.	⅜ in.	½ in.	2½ lb.	$4.50
155	⅛ in.	⅜ in.	⅞ in.	⅜ in.	2½ lb.	5.00
1560	11/16 in.	⅜ in.	⅞ in.	.... in.	4½ lb.	6.50
157	⅝ in.	⅞ in.	⅝ in.	¾ in.	4½ lb.	7.00
158	⅞ in.	½ in.	¾ in.	⅞ in.	5½ lb.	7.50
159	1 in.	⅝ in.	.... in.	1 in.	6½ lb.	8.00

No. 154 to 158 inc. 1 dozen in a box, balance half dozen.

HEXAGON OPENING

L

NO.	Opening	Bolt Size	Cap Screw	Wt. Pkg.	DOZEN
168	⅛ in.	¼ in.	⅛ in.	2 lb.	$4.50
169	⅛ in.	⅛ in.	⅜ in.	2½ lb.	5.00
171	11/16 in.	⅜ in.	.... in.	3½ lb.	6.50
172	⅝ in.	⅞ in.	½ in.	3½ lb.	7.00
173	⅞ in.	½ in.	⅝ in.	4½ lb.	7.50

No. 168 to 173 inc. One dozen, balance half dozen in a box.

BICYCLE

A Series

M

Light pattern, nickel plated.

NO.	Length	Capacity	Wt. Doz.	EACH
A1	5 in.	1⅛ in.	3 lb.	$0.30

One dozen in box.

MOTORCYCLE

Sterling

M

For automobiles, bicycles, motorcycles, motor boats, etc. Movable jaw; mottled finish.

NO.	Length	Capacity	Wt. Doz.	EACH
17	7 in.	1⅛ in.	9 lb.	$0.80
19	9 in.	2⅛ in.	12 lb.	1.00
100	11 in.	2½ in.	18 lb.	1.50

One in a box.

AUTO

Adjustable

M

Heavy drop forged; built on same style as a bicycle wrench. Simple, strong, and easy to handle. Natural black finish.

NO.	Length	Capacity	Wt. Doz.	EACH
T20	9 in.	3 in	24 in	$0.75
T21	11 in.	3⅜ in.	30 lb.	1.00
T22	14 in.	3¾ in.	45 lb.	1.75

Packed in bulk.

M

For automobile, bicycle and motorcycle work. Has curved end for tire use; one-piece movable jaw; nickel plated.

NO.	Length	Capacity	Wt. Doz.	EACH
15M	6 in.	1⅞ in.	3½ lb.	$0.75

One in a box.

X Series

M

Light pattern; mottled finish.

NO.	Length	Capacity	Wt. Doz.	EACH
X9	9 in.	2 in.	10 lb.	$0.80

One in a box.

Genuine Crescent

M

Entirely forged from steel of a special analysis. Hardened and oil tempered by the special processes in use on all Crescent tools. Teeth in handle are accurately milled. Jaw faces milled squarely.

NO.	Lgth In.	Cap. In.	lb Doz.	EACH
018	9	3	12	$1.00
0111	11	2⅝	22	1.70

WRENCHES

WATER PUMP PACKING NUT

Bonney—Chrome-Vanadium Nickel Plated

30° Angle of Opening

One of the hardest adjustments on a water cooled motor is the water pump packing nut. This nut is usually of brass and very thin. It should be tightened only with a wrench and never with a drive punch and hammer. Wrenches to do this work must be very thin yet short to fit into the narrow space in which the pump is located. These wrenches are designed especially for this work and their use for other classes of work or with added leverage is not recommended.

NO.	Milled Opening	Lgth.	Thickness of Hd.	Oz. Each	EACH
1232	1 "	7 "	1/4"	4 1/2	$1.75
1240	1 1/4"	7 "	3/8"	4 1/2	1.75
1242	1 1/16"	7 3/8"	3/8"	8 1/2	2.00
1244	1 1/8"	7 3/8"	3/8"	8 1/2	2.00
1246	1 1/16"	7 3/8"	3/8"	8 1/2	2.00
1248	1 1/4"	7 3/8"	3/8"	8 1/2	2.00
1252	1 3/8"	7 3/8"	3/8"	8 1/2	2.00
1264	1 1/2"	8 1/2"	7/16"	12	2.50

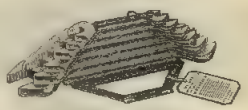
THIN OPEN END STEEL BRAKE ADJUSTMENT WRENCHES

The heads are extra thin (only 1/32-in. thick) to permit grasping the nut when partially covered by the spring and both heads are milled 3/8-in. to fit adjustment nut.

Drop forged from tough carbon steel, handsomely and durably finished in black enamel—baked on—with heads polished bright.

NO.	Openings Milled	S.A.E. Std. Size Bolts	Extreme Lgth.	Thkns. Heads	EACH
990	3/8x3/8	5/16 & 3/8	6 1/4	1/4	$0 80

WRENCH SETS



Vichek Chrome Molybdnum

New Parabolic type electro alloy wrenches. Each wrench graund and polished and finely nickel plated. All melted nickle plated container, permits any wrench to be taken out without disturbing the others.

NO	No Pcs.	SET
2152	1	$3.50

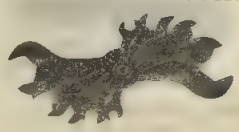
Vichek—Fitz-All

Consists of 6 drop forged double end engineers wrenches. The 12 milled openings include the most popular sizes. Made of special analysis wrench steel, properly hardened, natural finish and assembled in permanent container.

Sizes—3/8 and 7/16, 1/2 and 9/16, 5/8 and 11/16, 3/4 and 13/16, 7/8 and 15/16 and 1-in.

NO.	No. Each	SET
2153	1	$1.25

THIN OPEN END WRENCH SET



Aetna

Made of tempered steel 1/16 in. thick. Five double-end wrenches of different lengths. Polished and nickel plated all over. Smallest wrench 3 in. long; longest 6 in. long. Ten different sized openings, as follows:

1/4-5/16, 3/8-7/16, 1/2-9/16, 5/8-3/4, 7/8-1. The center of each wrench is threaded to clean rusty threads. S.A.E. dies are as follows: 5/16-32, 1/4-28, 7/16-24, 3/8-24, 9/16-20.

A knurled thumb nut holds the wrenches together when not in use.

NO.	Wt. Set	SET
75-6	6 oz.	$0.75

One set in a box.

G

STERNO STOVES

A useful stove that will sell all year round. Ideal for camping, motoring, hiking and boating trips. Consists of one burner folding stove, one can sterno heat and one extinguisher.

NO.	Wt. Doz.	DOZEN
36	11 lb.	$4.00

Canned heat for use in all sterno stoves. Packed one dozen per carton.

NO.	Wt. Doz.	DOZEN
4006	5 lb.	$2.25

GAME JR. OIL STOVES

Solid cast iron reservoirs, japanned, sheet brass burners, tin chimneys, cast iron frame, mica windows, nickel plated, adjustable.

Chimneys rest on solid cast iron nickel plated base. Cast iron nickel plated top, grate rests on tin chimneys and is held in place and supported by heavy steel wire rods. All burners have 4-inch wicks.

NO.	Burners	Wt. Each	DOZEN
1	1	5 lb.	$28.00
2	2	10 lb.	50.00
3	3	15 lb	74.00

WICKLESS OIL STOVES

National

A handsomely finished wickless oil stove. Gives a pure blue flame. A large volume of heat for the amount of oil consumed. Capacity of tank is five pints.

NO.	Burners	Size In.	lb Each	EACH
2G	2	22¼x15½	25	$10.25
3G	3	32¼x15½	31	14.00

GASOLINE STOVES

Heavy sheet, rigid cabinet frame, baked japan finish, nicely decorated, white enameled gold striped stationary tank.

The top of this stove is composed of removable square cast iron grates, giving increased cooking surface and no cold spaces between burners. Height 14 inches.

NO.	Burners	Size Top	Wt. Each	EACH
010	One	11¼x15 in.	18 lb.	$ 8.00
020	Two	22 x15 in.	25 lb.	13.00
030	Three	33 x15 in	31 lb.	16 00

GASOLINE TORCHES

For outside lighting; will not blow out.

NO.	Wt. Doz.	DOZEN
77	55 lb.	$60.00

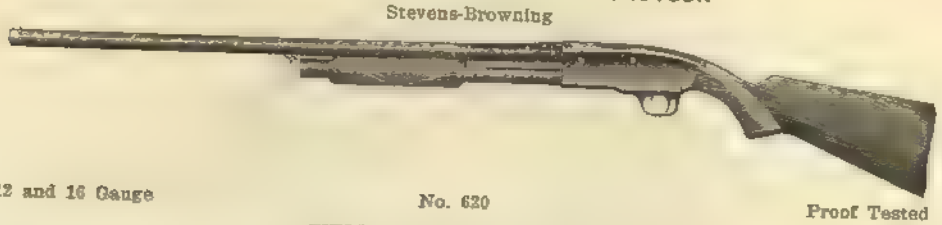
GASOLINE BURNERS

77B		$20.00

STEVENS REPEATING SHOT GUN

ORIGINAL HAMMERLESS REPEATING SHOTGUN

Stevens-Browning



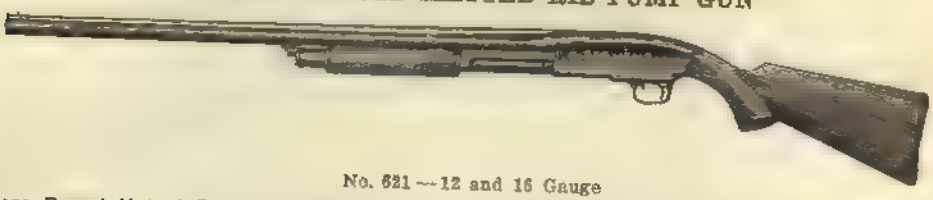
12 and 16 Gauge — No. 620 — Proof Tested

FIELD GRADE, TAKE DOWN

Price

No. 620 Stevens Repeating Shotgun. Weight, 12 Gauge 7⅞ lbs., 16 Gauge 7¼ lbs. Barrel—High pressure compressed steel. 12 Gauge 28 inch 30 inch and 32 inch full choked 28 inch and 30 inch modified, 26 inch and 28 inch cylinder bored. 16 Gauge 28 inch full, modified or cylinder bored 26 inch cylinder bored Action—Hammerless visible locking bolt safety firing pin independent safety, side ejection Receiver—Drop forged, solid breech Stock—Checkered walnut, pistol grip, checkered slide handle, rubber butt plate, length 13¾ inches, drop 2¾ inches Ammunition: Any standard factory loaded shell up to 2¾ inches in length Six shots five in magazine, one in chamber $38 95

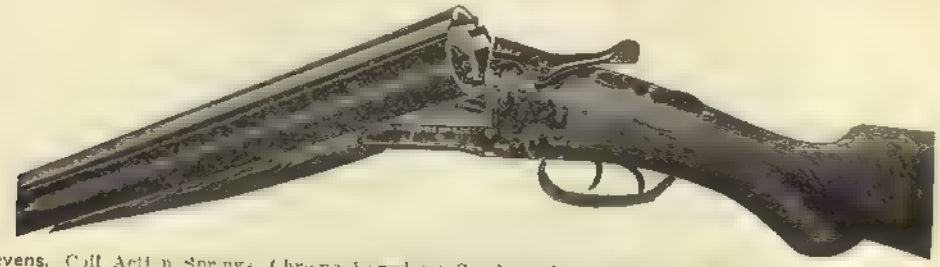
STEVENS RAISED MATTED RIB PUMP GUN



No. 621—12 and 16 Gauge

No. 621 Stevens Raised Matted Rib Repeating Shotgun: weight, 12 gauge, 7⅞ lbs., 16 gauge, 7¼ lbs. Same general description as Stevens No. 620..... $44 00

STEVENS DOUBLE GUNS



No. 311 Stevens. Colt Action Springs, Chrome Vanadium Steel working parts. Walnut stock half pistol grip. Length 14 inches, drop 3 inches 12 gauge 28 and 30 inch barrels, 16 and 20 gauge 28 inch barrels $21 50

SAVAGE MODEL 28 REPEATING SHOTGUN

Savage Model 28-A—Standard Grade. 12 gauge only, Hammerless Takedown Solid Breech, moving parts enclosed, side ejection Receiver channeled and matted in line of sight Positive top tang safety. Action bar latch in trigger guard Stock full pistol grip varnish finish, 13½ inches long 2⅝ inch drop at heel and 1⅝ inch drop at comb Made with 26 inch 28 inch, 30 inch and 32 inch barrels, in cylinder, modified and full choke boring Six shot capacity with 2¾ inch shells, 7 shots with 2⅝ inch shells Weight about 7½ lbs .. $44 50

SAVAGE SPECIAL GRADE

Model 28-S—Special Grade. Same specifications as Standard Grade with following refinements Matting on barrel, ivory bead front sight, checkered pistol grip stock and checkered slide forearm. Weight 7½ lbs . $49 00

Canvas Covers for Above Guns, Nos. 27-28-29. See Page 143 for Description.
Leather Cases, Nos. 31-32. See Page 142 for Description.

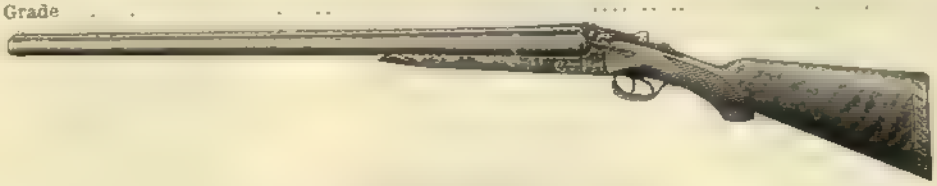
DAVIS HAMMERLESS SHOT GUNS

THE "AJAX" GRADE

12 GAUGE: 28 and 30 inch barrels; 16 Gauge. 28 inch barrels; 20 Gauge: 28 inch barrels; 410 Gauge: 26 inch barrels.
BARRELS: Fine decarbonized steel, reinforced breech, watertable, matted rib. Left barrel full choke. Right modified. Highly polished and blued
STOCK: Select walnut finish, half pistol grip and hard rubber butt plate
SIGHTS: Brass front sight.
ACTION: Coil springs, hardened parts, new positive automatic safety
FRAME: Extra strong, new design that clinches on all sides as draw bolt draws stock into it, thus insuring a perfect fit and eliminating stock splitting at head.

Price

The "Ajax" Grade $18 50



THE "PREMIER SPECIAL" GRADE

Fitted with Jostam Recoil Pad and Two Lyman Ivory Bead Sights

12 GAUGE: 28 and 30 inch barrels; 16 Gauge: 28 inch barrels; 20 Gauge: 28 inch barrels; 410 Gauge: 26 inch barrels
BARRELS: Fine decarbonized steel, reinforced breech, watertable; highly polished and blued. Left barrel full choke, right modified
STOCK: Genuine high grade walnut. Checkered fore-end and full pistol grip, capped. Jostam Anti-Flinch Recoil Pad.
SIGHTS: Lyman Ivory Bead front and rear sights.
ACTION: Coil springs, hardened parts, new positive automatic safety.
FRAME: Extra strong, new design that clinches stock on all sides as draw bolt draws stock into it, thus preventing stock splitting at head

Price

The "Premier Special" Grade $24 50

QUEEN CITY MACHINE MADE GUNS

No. 60 HAMMERLESS GUN

No. 60 HAMMERLESS GUN Armory Steel Barrels, specially bored for smokeless or black powder. Matted extension rib with cross bite on extension rib. Both barrels choke bored. All parts are made of drop forgings
Made in 12, 16 or 20 gauge; 28, 30 inches; weighing from 7¼ to 8 pounds. $18 00

QUEEN CITY No. 9 GUN

STOCK: Genuine American Walnut—well seasoned Fore-end and grip finely hand checkered.
GRIP: Full capped Pistol Grip.
BUTT-PLATE: Distinctive maroon color, hand-fitted.
SNAP FORE-END.
FRONT SIGHT: White bead front sight.

Queen City No 9 Gun. $19 50

Canvas Covers for Above Guns, Nos. 27 28 29. See Page 143 for Description Leather Cases, Nos 31 32. See Page 142.

FIBRE FURNITURE

STICKALTEX

Hardwood frames, steel braced at all points of strain. All perpendicular fibre stakes have an unbreakable steel wire core. Heavy reeds follow the outline of frame giving extra strength. Nachman spring unit cushions over spring seats. Heavily padded backs.

Lounge Chair No. 2413 L)

(Ottoman No 2413 O)

Lounge Chair—Seat 19x23 inches; height over all 35 inches. Each

No. 2413L—Calcutta, (light taupe enameled finish), decorated in green and red, upholstered in high grade colorful cretonne in modernistic design..... **$98 25**

Wrapped singly; shipping wt each 42 lbs.

Ottoman—Length 26 inches; depth 22 inches; height 17 inches. Each

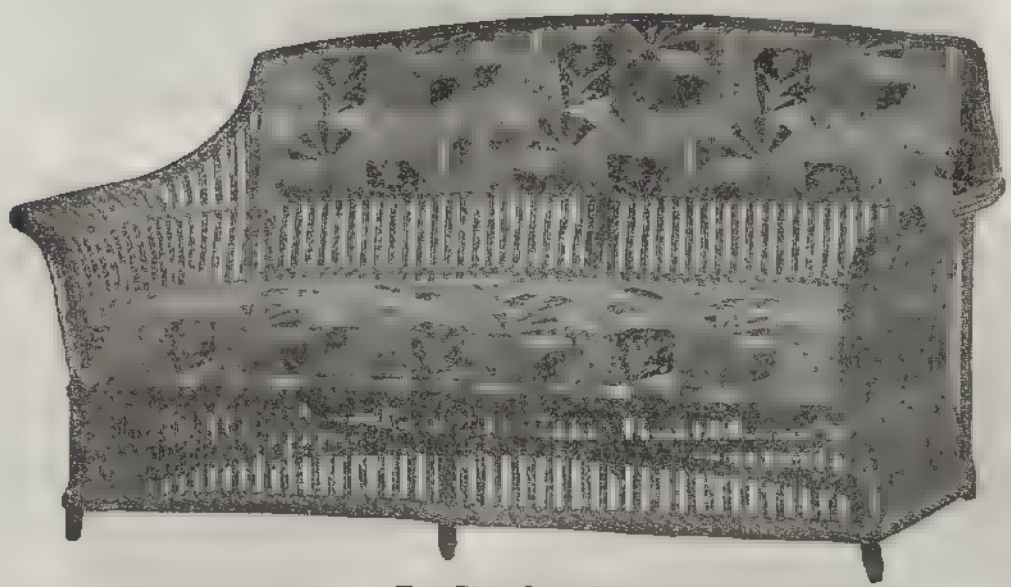
No. 2413O—Calcutta, (light taupe enameled finish), decorated in green and red, upholstered in high grade colorful cretonne in modernistic design..... **$54 75**

Wrapped singly; shipping wt each 25 lbs.

Table—Hardwood top 26x26 inches; height 25 inches. Each

No. 2413T—Calcutta, (light taupe enameled finish), decorated in green and red..... **$59 25**

Wrapped singly; shipping wt each 27 lbs.



Two Piece Suite Includes Chair and Settee.

Settee—Length 70 inches; depth 35 inches; height over all 35 inches.

Chair—Seat 18½x20 inches; height over all 34 inches Per Suite

No. 2413SC—Calcutta, (light taupe enameled finish), decorated in green and red, upholstered in high grade colorful cretonne in modernistic design..... **$247 50**

Wrapped singly; shipping wt per suite 107 lbs.

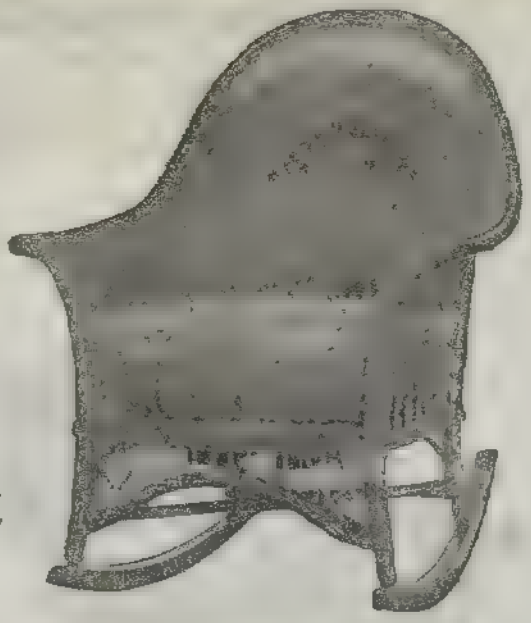
FIBRE FURNITURE

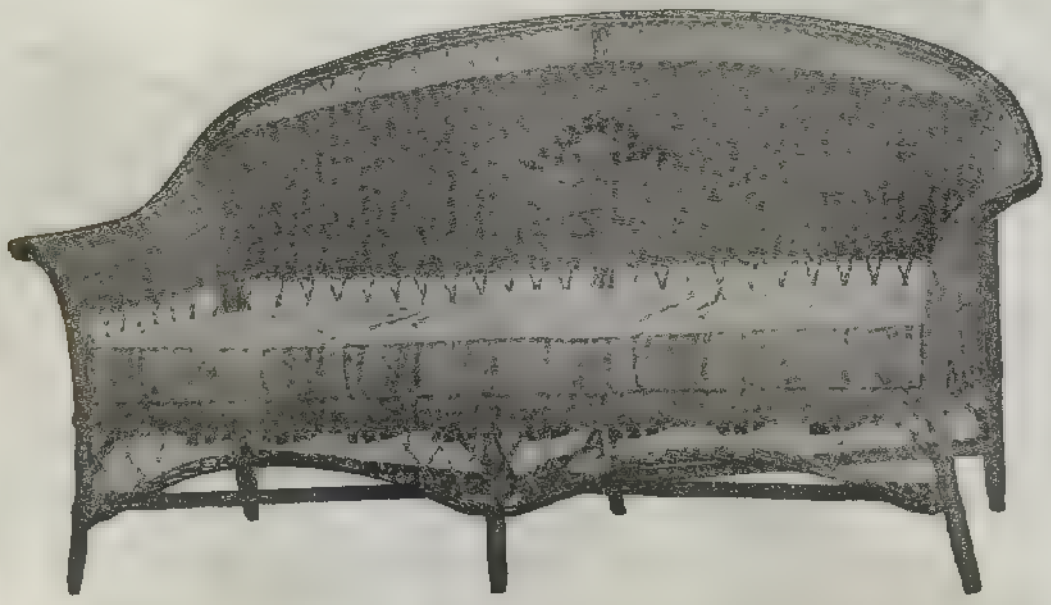
Three Piece Suite.
Includes Chair, Rocker and Settee.

Settee—Length 70 inches; depth 30 inches; height 34 inches.
Chair and Rocker—Seat 18x19 inches.

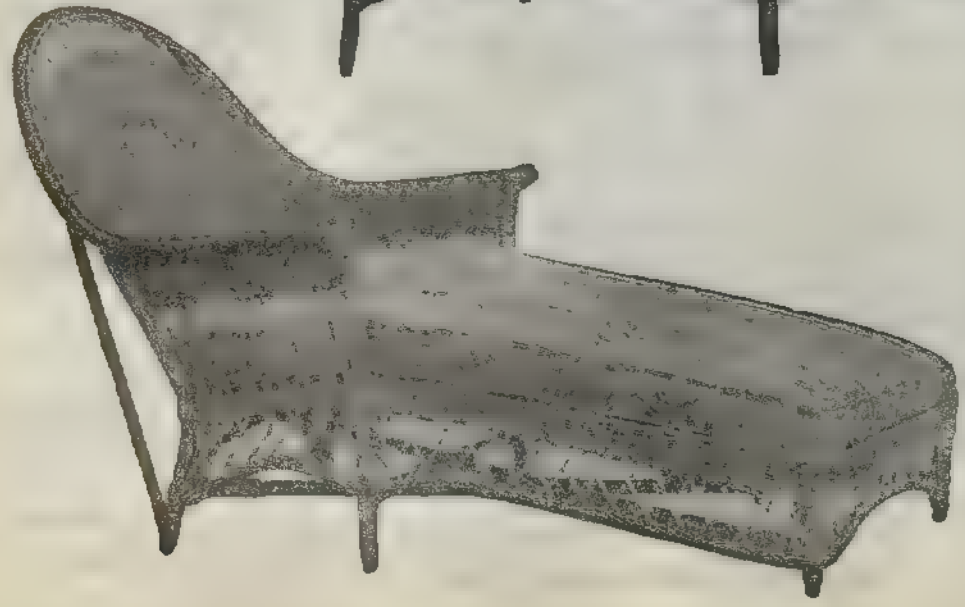
Teak, (black enameled finish) decorated in green and orange, upholstered in good quality cretonne in harmonious color combinations.

Per Suite
No. 2410SC ... $186 00
Wrapped singly; shipping wt per suite 110 lbs





SEE OPPOSITE PAGE FOR CHAIR, DESK, TABLE AND FERNERY TO MATCH



Length over all 64 inches; width seat 30 inches; height over all 37 inches.

Each
No. 2410CL—Teak, black enameled finish) green and orange decorated. Upholstered in good grade cretonne in harmonious color combinations.....$112 50
Wrapped singly; shipping wt each 74 lbs.

PIPE WRENCHES

M

Genuine Trimo

Drop forged from tool steel; jaws, frames and inserted jaws polished and hardened; knurled nut; Japanned finish. Solid steel handle.

NO.—Lgth.	For Pipe	Wgt. Dos.	EACH
25T-6	⅛ to ⅜ in.	½ lb.	$ 1.90
25T-8	⅛ to ½ in.	¾ lb.	2.20
25T-10	⅛ to 1 in.	1¼ lb.	2 85
25T-12	⅛ to 1¼ in.	3 lb.	3.35
25T-14	⅛ to 1½ in.	3½ lb.	3 85
25T-18	⅛ to 2 in.	6 lb.	5.50
25T-24	⅛ to 2½ in.	8 lb.	8 50
25T-36	⅛ to 3½ in.	16 lb.	15 00
25T-48	1 to 5 in.	25 lb.	25 00

Nos. 25-6 to 25-24, six in a wooden box; Nos. 25-36 to 25-48, loose.

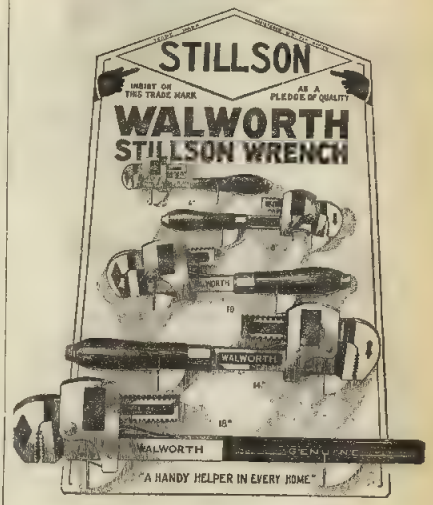
PARTS FOR TRIMO WRENCH

For Wrench	Nuts EACH	Frame and Pin EACH	Pins EACH	Insert Jaws EACH	Movable Large Jaws EACH
6 in.	$0.15	$0.45	$0.03	$0.50	$0.65
8 in.	.15	.55	.03	.55	.70
10 in.	.20	.70	.04	.65	1.10
14 in.	.30	.80	.04	.85	1.50
18 in.	.35	.95	.04	.95	2.15
24 in.	.55	1.75	.04	1.10	3.50
36 in.	1.10	2.75	.05	1.50	5.70
48 in.	2.00	3.50	.05	2.00	9.00

For Wrench	Spring and Pin EACH	Frame Pin EACH	Jaw Pin EACH	Nut Guards PAIR
6 in.	$0.03	$0.03	$0.03	$0.15
8 in.	.03	.03	.03	.15
10 in.	.03	.04	.04	.20
14 in.	.03	.04	.04	.30
18 in.	.04	.04	.04	.35
24 in.	.04	.04	.04	.45
36 in.	.04	.05	.05	.55
48 in.	.04	.05	.05	.85

Packed in bulk.

ASSORTMENTS



Walworth

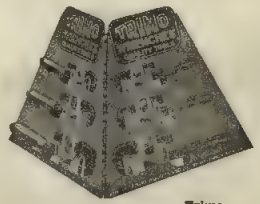
Stand, width at base, 14 in., height, 19½ in.

Stand Furnished Free with Order for Following Wrenches

2 ..... 6-inch Wrenches
3 ..... 8-inch Wrenches
3 ..... 10-inch Wrenches
3 ..... 14-inch Wrenches
1 ..... 18-inch Wrench (Steel Handle)

NO.	Wt. Asst.	ASSORTMENT
12G.S.ASST	25 lbs	$33.75

BOARDS



Board Will Hold

Two 6-in. Wrenches.
Two 8-in. Wrenches.
Two 10-in. Wrenches.

Trimo

Board will be included Free with any order for one dozen Trimo assorted wrenches. Specify same on order.

F

PIPE TONGS

Williams—Vulcan—Old Style

Wrought steel. The straight cut teeth provide even distribution of gripping pressure, eliminating tearing of pipe and one-spot wear of teeth.

NO.	Length	For Pipe	Wt. Each	EACH
12	27 in.	¾-2½ in.	10 lb.	$10.00
13	37 in.	¾-4 in.	16 lb.	14.00
13½	44½ in.	1-6 in.	24 lb.	18.00
14	50½ in.	1½-8 in.	31 lb.	22.00
15	64½ in.	2-12 in.	50 lb.	36.00
16	87 in.	4-18 in.	137 lb.	80.00

Packed in bulk.

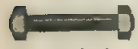
Williams—Vulcan—Improved—(Bijaw)

Wrought steel handle; reversible, detachable tool steel jaws, tempered for file sharpening; central swing, hand made flat link chains, makes the tool ready for use, either side up. The reversible jaws are held in place by two bolts, easily removed.

NO.	Length	For Pipe	Wt. Each	EACH
31	20 in.	¾ to 1½ in.	4½ lb.	$ 7.00
32	27 in.	¾ to 2½ in.	8¾ lb.	10.00
33	37 in.	¾ to 4 in.	16 lb.	14.00
33½	44 in.	1 to 6 in.	21 lb.	18.00
34	50 in.	1½ to 8 in.	29 lb.	22.00
35	64 in.	2 to 12 in.	49 lb.	36.00

Packed in bulk.

PARTS FOR OLD STYLE VULCAN



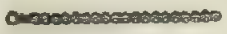
Nut and Stud

Jaw

NO.	Nuts and Studs Each	Chains Each	JAWS PAIR
12P	$0.46	$ 3.00	$ 5.50
13P	.60	5.00	8.00
13½P	.70	7.00	9.50
14P	.90	9.00	11.00
15P	1 30	15.00	15.00
16P	2.50	40.00	32.00

PARTS FOR IMPROVED VULCAN

Jaw



Chain for Improved and Old Style Vulcan

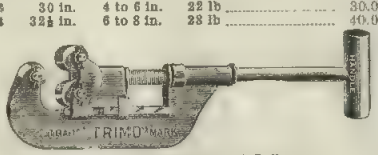
NO.	Nuts And Studs Each	Chains Each	JAWS PAIR
31P	$0.50	$2.00	$3.50
32P	.70	3.00	5 50
33P	.90	5.00	8.00
33½P	1.10	7.00	9.50
34P	1.40	9.00	11.00
35P	1.80	15.00	15.00

PIPE CUTTERS

Barnes—Three Wheel

Extra cast steel frame, steel shank, cutter and block. Cast iron handle, polished and fire blued, highest grade forged tool steel cutters, tempered and oil finished.

NO.	Length	Cuts Pipe	Wgt. Each	EACH
1B	13 in.	⅛ to 1 in.	3 lb.	$ 4.50
2B	16 in.	⅛ to 2 in.	6 lb.	6.00
3B	21 in.	⅛ to 3 in.	8½ lb.	10.00
4B	25 in.	2½ to 4 in.	14 lb.	20.00
5B	30 in.	4 to 6 in.	22 lb.	30.00
6B	32½ in.	6 to 8 in.	28 lb.	40.00

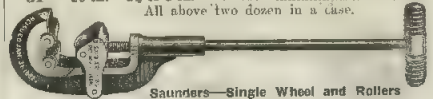


Trimo—Single Wheel and Rollers

Drop forged tool steel, japanned cast iron handle. Can be changed from a roll to a three-wheel cutter. Our stock is one cutter and two rolls.

NO.	Length	Cuts Pipe	Wgt. Each	EACH
1T	15 in.	⅛ to 1½ in.	5 lb.	$ 5.00
2T	18 in.	⅛ to 2 in.	5½ lb.	6 00
3T	19 in.	1½ to 3 in.	7 lb.	10 00

All above two dozen in a case.



Saunders—Single Wheel and Rollers

Malleable iron frame, steel swinging block, forged steel rollers and cutter, steel shank and iron handle.

NO.	Length	Cuts Pipe	Wgt. Each	EACH
1S	16 in.	⅛ to 1 in.	3½ lb.	$ 3 00
2S	21 in.	1 to 2 in.	6½ lb.	1 50
3S	24 in.	2 to 3 in.	12½ lb.	11.00
4S	30 in.	2½ to 4 in.	16 lb.	18.00

PIPE CUTTER PARTS

Pin Wheel Washer Roll Nut Pin and Cotter

PIPE CUTTER WHEELS

BRAND	For Nos 1	2	3	4	5	6
BARNES (Each)	$0.50	$0.60	$0.80	$1.00	$1.10	$1.10
TRIMO (Each)	.60	.60	.90			
SAUNDERS (Each)	.50	.60	1.10	1.10		

NYE CUTTER WHEELS

BARNES (Each)	.50	.60	.80	1.00	1 10	
TRIMO (Each)	.60	.60	.90			
SAUNDERS (Each)	.50	.60	1.10			

PIPE CUTTER PINS

BARNES (Dozen)	1.00	1.00	1.00	2.00	2.00	
TRIMO (Dozen)	1.30	1.30	1.30			
SAUNDERS (Dozen)	1.20	1.20	1.80	1.80		

PIPE CUTTER ROLLS

TRIMO (Dozen)	3.60	3.60	4.80			
SAUNDERS (Dozen)	2.80	3.84	6.00	6.00		

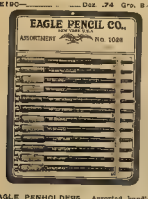
All above one dozen in a package.

Carded Penholders

The gross prices listed apply only on full cartons of either one-half or one gross quantities. On less than full carton quantities the dozen prices will be charged

FANCY PENHOLDER ASSORTMENT—Assorted cork, rubber tipped and all wood penholders with fancy mottled pilsicles. Packed one dozen on a card, not broken. Held by patent slip over sliver. One hole green in a carton.

CE19C—.....Doz. .74 Grs. 8.40



EAGLE PENHOLDERS Assorted handles and finishes, cork and rubber grips. One dozen on a card, ½ gross in a box.

CE1026—.....Doz. .76 Grs. 8.64

CORK PENHOLDER—Red, yellow, green and blue, assorted colors, 1 dozen on card, not broken, ½ gross in a carton.

CEF78C -.....Doz. .76 Grs. 8.64

CORK AND RUBBER PEN HOLDER ASSORTMENT—Assorted black, red, green, and yellow enameled penholders, six with cork tips and six with rubber tips. Packed one dozen on a card, not broken ½ gross in a box.

C0976—.....Doz. .76 Grs. 8.64

PNEUMATIC PEN ASSORTMENT A striking pen assortment in two colors, red and black. Made with a soft rubber tip and glass finish sticks. Packed one dozen on a display card, not broken, ½ gross in a box

CA1187C—.....Doz. .76 Grs. 8.64

ORNATE PENHOLDER ASSORTMENT—Penholders with mottled rainbow-colored handles and cork or rubber grips. Packed one dozen on a decorated display card, not broken, ½ gross in a carton.

CE1018—.....Doz. .76 Grs. 8.64

CORK AND SOFT RUBBER TIPPED PENHOLDERS—Handles in attractive Persian design. The tips are of assorted shapes, straight and bulging. This assortment has a special detachable cover of heavy cardboard which protects it from dust and damage until ready for use on your counter. Packed one dozen assorted on a display card, not broken

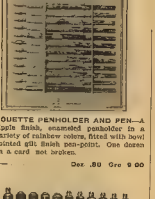
CE1024—.....Doz. .76 Grs. 8.64

NU-CORK ASSORTMENT—A cork tipped penholder with glass finish sticks. Attractive red and black assortment. Packed one dozen on a card, not broken, ½ gross in a box.

CA1186C—.....Doz. .76 Grs. 8.64

MASTERITE—Makes a handsome display. Sure to sell. Well balanced and shaped so that the fingers are placed in the proper writing position. Assorted bright red, blue and yellow enamel finishes. Packed one dozen on a card, not broken

CM148—.....Doz. .76 Grs. 8.64

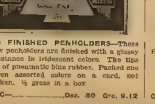


SILHOUETTE PENHOLDER AND PEN—A ripple finish, enameled penholder in a variety of rainbow colors, fitted with bevel pointed gilt finish pen-point. One dozen on a card not broken.

C37C—.....Doz. .80 Grs. 9.60

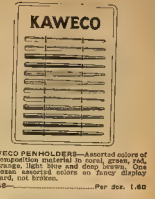
PENHOLDER ASSORTMENT—Cork and rubber penholders, assorted finishes. One dozen on a card, not broken, ½ gross in a carton

CE1038—.....Doz. .80 Grs. 9.12



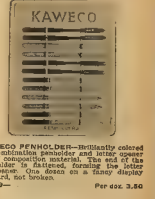
GLASS FINISHED PENHOLDERS—These new penholders are finished with a glossy substance in iridescent colors. The tips are of pneumatic bliss rubber. Packed one dozen assorted colors on a card, not broken. ½ gross in a box

CA371C—.....Doz. .80 Grs. 9.12



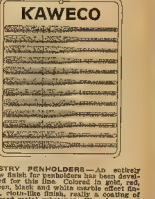
KAWECO PENHOLDERS—Assorted colors of composition material in coral, green, red, orange, light blue and deep brown. One dozen assorted colors on fancy display card, not broken.

C3148—.....Per doz. 1.60



KAWECO PENHOLDER—Brilliantly colored combination penholder and letter opener of composition material. The end of the holder is flattened, forming the letter opener. One dozen on a fancy display card, not broken.

C3149—.....Per doz. 3.60



TAPESTRY PENHOLDERS—An entirely new finish for penholders has been developed for the Tapestry. Red, blue, green, black and white metals effect finish, cloth-like finish, really a coating of a hard metal substance. They have real beauty that will appeal especially to young girls and women. Packed ½ dozen on a display card.

CM2236—.....Per doz. 1.86

RESERVOIR PEN AND PENHOLDERS—This pen has a reservoir attachment similar to lettering pen with a writing point. Will write anywhere from 350 to 500 words without a second dip. Assorted in blue, red and green. One dozen assorted colors on a card, not broken.

CE1350—.....Per doz. .80

Counter Displays of Penholders and Fountain Pens

Penholders

Pergola Assortment

"PERGOLA"—Assortment, containing three dozen assorted large, medium, and small size, with assorted cork, rubber, and anti-nervous tips. Put up in attractive upright display stand.

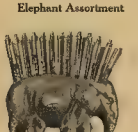
CEF291 ..... Per asst. 2.40

Mirror Assortment

MIRROR PENHOLDER ASSORTMENT—Three dozen assorted penholders with cork and rubber grips arranged in a display stand so that they are reflected in a mirror.

CE1101 ..... Per asst. 2.40

Elephant Assortment



ELEPHANT ASSORTMENT—An assortment of three dozen high grade penholders in various colors with cork and rubber grips. The legs on stand are so arranged that when in position, it looks like an elephant. Length, 9 inches. Height, 6½ inches.

CE10A. ..... Per asst. 2.35

Top Notch Assortment

TOP NOTCH ASSORTMENT. A very compact, but neat assortment of three dozen best sellers, styles of cork tipped, soft and hard rubber tipped holders all fitted with superior steel pens. Very substantial and attractive.

CE33 ..... Per asst. 2.80

Orpheum Assortment

ORPHEUM PENHOLDER ASSORTMENT—Consisting three dozen cork and rubber tipped glass finished holders. Packed in a fancy lithographed display stand.

CE1100 ..... Per asst. 2.40

Lance Assortment

LANCE PENHOLDER ASSORTMENT—High polished red hard rubber, green, also mottled with white and black tips. Packed 6 gross assorted in a rubber display with a transparent cover

CE1029 ..... Per gro. 14.40

Bradley Assortment

PENHOLDER ASSORTMENT—Mahogany finished wood stand holding three dozen high grade penholders in assorted colors. Cork and rubber grips.

CB100 ..... Per asst. 2.35

Fountain Pens

Wearever Fountain Pens

WEAREVER FOUNTAIN PENS—Made as good as Wearever pens always are, and placed at a popular price that is proving to be a favorite with people of the grammar grades. In gift in rose red and mottled green. In both self-filling and safety styles. Each pen with self-filler and gold plated clip. Packed one dozen assorted styles and colors on a display card; no brokens.

K192 ..... Per doz. 2.00

OVERSIZE SELF-FILLING FOUNTAIN PENS—Fitted with self-filling lever. Large 14 karat gold point and clip. Length, 5½ inches. Packed one dozen on a card; no brokens.

K191 ..... Per doz. 7.70

Pioneer Fountain Pens

K194

PIONEER FOUNTAIN PEN—All regular size. A smooth writing pen for only one dollar. Made of black and white celluloid. Equipped with 14 karat gold point, gold plated clip and filler. Length, 5 inches. Packed twelve to an easy display box.

K192 ..... Per doz. 12.00

All specialties otherwise same as K192. Packed twelve to a display case; not broken.

K193 ..... Per doz. 16.00

Right, regular and four jumbo sizes with clip on card. Otherwise same as K192. Twelve on display case; not broken.

K194 ..... Per doz. 15.60

Ambassador Fountain Pens

MEN'S OVERSIZED FOUNTAIN PENS—An attractive assortment of unbreakable fountain pens arranged on a four-color display card. The pens are fitted with 14 karat solid gold pens and are mounted with a gold filled band on the cap. They are equipped with non-leakable lucite feeds and are self-filling. Finished in green, orange, yellow, grey blue and mahogany. Packed one dozen on a display card, not broken.

K170 ..... Per doz. 16.00

Colored Pen Assortment

FOUNTAIN PEN ASSORTMENT—Unbreakable fountain pens in colors of tobacco red, jade green, and pearl and black, arranged on a lithographed display card. Pens have 14 karat gold nibs, and 14 karat gold plated clip, band, and lever bar. Self-filling, non-leakable. Eight long pens with clips, four short size pens with clips, packed one dozen on a display card, not broken.

K172—Fountain Pen display. Per doz. 16.00

Black and Pearl

BLACK AND PEARL FOUNTAIN PENS—Eight long fountain pens and four short pens with clips arranged on a bright colored display card. Pens have 14 karat gold nibs, and 14 karat gold-plated bands, clips, and lever bars. Self-filling, non-breakable. All pens finished in black and pearl with clip. Packed one dozen on a display card; not broken.

K171 Fountain pen display

Per doz. 16.00

WATCHES

WRIST, INGERSOLL

(Actual Size)

Chromium plated back. Stem wind and set. Good grade leather strap.

	Each
No. 28MR—Metal dial radolite	$8 55
No. 26M—Silver dial with plain hands and figures; tonneau shape, lies flat on the wrist	7 50

One in cardboard box; wt each 5 ozs.

WRIST, INGERSOLL MITE

O size cushion shape chromium finish case; engraved bezel; stem wind and pull out set. Genuine leather strap with nickel plated buckle.

	Each
No. 36MR—Metal radiolite dial	$13 65

One in cardboard display box; wt each 4 ozs.

WRIST, INGERSOLL ALDEN

Seven Jewel Movement.

Six O chromium finish case. Stem wind and set. Genuine leather strap with chromium plated buckle. Removable pin in lugs for replacing straps.

	Each
No. 40C—Metal radiolite dial	$27 48

One in cardboard box.

All Ingersoll Watches must be returned direct to factory by consumer or retailer for repairs.

WATCH ASSORTMENTS

INGERSOLL

Assortment consists of mahogany finish combination wood, metal and glass counter display stand with removable tray, interchangeable price tickets and 1 dozen pocket and wrist watches as follows:

3—No. 12 Yankee.	1—Wrist (Plain)
1—Eclipse	1—Yankee Radiolite
1—Junior	1—Junior Radiolite
1—Midget	1—Wrist Radiolite
1—Waterbury (Plain)	1—Reliance

	Per Ass't
No. 24—Size display 10x13x6 ins	$82 50

One ass't in carton; wt per ass't 8½ lbs.

INGERSOLL

Gold finish, hardwood swinging frame with black velvet pad on which is permanently mounted dummy

These dummies are Chromium finish and will retain their lustre and new look indefinitely.

The dummy watches are used as a model and silent salesman, reducing the investment in watches on display.

Assortment consists of display stand, 6 dummy watches, one each Yankee, Eclipse, Junior, Midget, Wrist (plain dial) and Waterbury Chromium and 12 watches as follow:

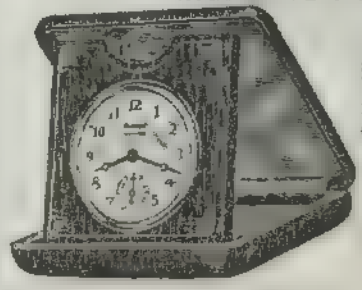
3—Yankee	1—Wrist (plain)
1—Yankee Radiolite	2—Wrist Radiolite
1—Eclipse	1—Waterbury, Chromium Finish
1 Junior	1—Waterbury Radiolite
1 Midget	Nickel Case.

	Per Ass't
No. 86F—Size display frame 14¾x13 ins	$85 80

One in carton; wt each 6 lbs.

INGERSOLL TRAVELER

In Assorted Colors.



A big seller for all holiday and gift trades, also for bridge parties, etc. Chromium plated case with metal dials.

Imitation leather covered folding cases with gold line decorations in the popular colors of dark blue, tan, rose, green, light blue and red. Convenient for trips, office desk, night stand or radio table. Assortment consists of 6 watches assorted colors, 4 plain and 2 radiolite dials.

Assortment.	Per Ass't
No. 6—Ass't complete as described	$37 86

One ass't in carton; wt per ass't 4½ lbs.

Individual Numbers.

Can be furnished in dark blue, tan, rose, and green imitation leather folding cases.

	Each
No. 4PR—Plain dials	$5 79

Can be furnished in light blue and red imitation leather covered folding cases.

	Each
No. 5LD—Radiolite dials	$7 35

One in cardboard box; wt each 3 ozs.

All Ingersoll Watches must be returned direct to factory by consumer or retailer for repairs.

WATCHES
INGERSOLL
Yankee.

New Model. Open face; stem wind and set; nickeled case; specially damaskeened back plates. Attractive and dependable.

(Illustration actual size).

	Each
No. 12—White dial	$3 30

One in cardboard box; 12 in carton; wt each 5 ozs.

Yankee.

Open face; stem wind and set; nickeled case. Built for hard service.

(Illustration actual size).

	Each
No. 22R—Radium dial	$4 95

One in cardboard box; 12 in carton; wt each 5 ozs.

Junior.

Thin model; stem wind and set; solid nickel case; antique bow and crown.

(Illustration actual size).

	Each
No. 4M—Silver metal dial	$6 75
No. 4MR—Metal dial, radolite	8 55

One in cardboard box; 12 in carton; wt each 5 ozs.

Eclipse.

Thin model; open face; stem wind and set; solid nickel case; antique bow and crown.

(Illustration actual size).

	Each
No. 3M—Silver metal dial	$5 25
No. 24MR—Radolite silver metal dial	6 75

One in cardboard box; 12 in carton; wt each 6 ozs.

All Ingersoll Watches must be returned direct to factory by consumer or retailer for repairs.

(Illustration of No. 5M.)

WATCHES
INGERSOLL
Midget.

Thin model; stem wind and set; solid nickel silver case. Has the same accuracy and durability as on the larger models.

(Illustration actual size).

	Each
No. 5M—Silver metal dial	$6 75
No. 10MR—Metal dial, radolite	8 25

One in cardboard box; 12 in carton; wt each 5 ozs.

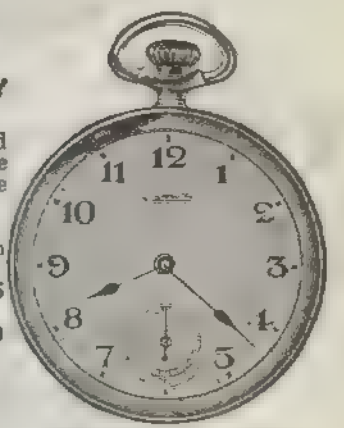
INGERSOLL WATERBURY
Jeweled.

Bridge model; stem wind and set; solid nickel case; antique bow and crown; jeweled balance wheel.

(Illustration actual size).

	Each
No. 48M—Silver metal dial plain figures and hands	$9 75
No. 55MR—Radiolite silver metal dial	11 70

One in cardboard box; 12 in carton; wt each ¼ ozs.



(Illustration of No. 48M.)

INGERSOLL WATERBURY
Chromium Finish, Jeweled.

Open face, stem wind and pull out set, chromium (beautiful blue white) finish, engraved metal case.

	Each
No. 65M—Silver metal dial, plain numerals and hands	$10 50
No. 67MR—Silver metal dial, radiolite numerals and hands	12 75

One in velvet lined cardboard box; wt each 3½ ozs.

RELIANCE
Seven Jewel Movement.

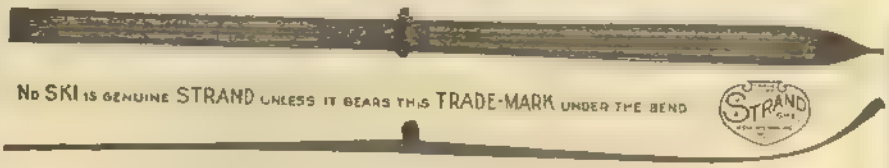
Thin bridge model; stem wind and set; antique bow and crown; beautifully designed metal dial.

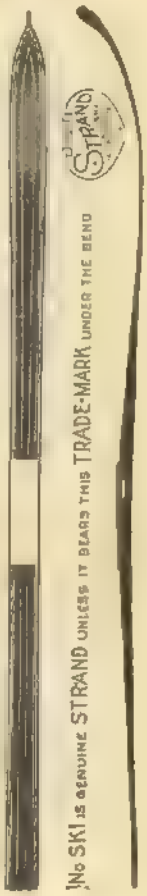
	Each
No. 60—Solid nickel case	$12 75

One in cardboard box; 12 in carton; wt each ¼ ozs.

All Ingersoll Watches must be returned direct to factory by consumer or retailer for repairs.

SKIS, SKI POLES, SKI WAX





NORWAY PINE SKI, "STANDARD" MODEL, NATURAL FINISH

These Skis are made from the highest grade quarter sawed Southern Yellow Pine. This material is sawed for our special purpose and every ski is guaranteed CUT EDGE GRAIN, which makes them absolutely SLIVER PROOF. The material is strong and hard, making a very smooth running surface, and these skis are not to be compared with ordinary Pine Ski. They are finished with two coats of spar varnish in the natural color and attractively decorated with grooved stripes.

		Per Pair
No. 4 P 4	ft. long.	$1 25
No 5 P 5	ft. long.	2 00
No 6 P 6	ft. long.	2 50
No 7 P 7	ft. long.	3 25
No 7½ P 7½	ft. long.	3 50
No 8 P 8	ft. long.	4 25

MAPLE SKI, MAHOGANY FINISH

These are made from best quality, specially prepared, hard MAPLE. This material when carefully selected and prepared makes an excellent Ski. It takes a very pretty finish and slides easier than any other ski known. Mahogany finish with grooved, white stripes.

		Per Pair
No. 6 MM 6	ft. long, Mahogany finish..	$2 50
No. 7 MM 7	ft. long, Mahogany finish.	3 00
No. 7½ MM 7½	ft. long, Mahogany finish	3 50
No. 8 MM 8	ft. long, Mahogany finish	3 75

QUARTER SAWED WHITE ASH SKI, BROWN FINISH

These Skis are made from Northern, Second Growth, EDGE GRAINED, White Ash, specially selected and cut for our purpose by the same people who are furnishing material for the best known Norwegian manufacturers. Finished in black with grooved, white stripes.

		Per Pair
No. 6 AB 6	ft. long, black finish.....	$3 00
No. 7 AB 7	ft. long, black finish..	3 50
No. 7½ AB 7½	ft. long, black finish	4 00
No 8 AB 8	ft. long, black finish..	4 50

HIGH GRADE SKI POLES IN BAMBOO AND HARDWOOD

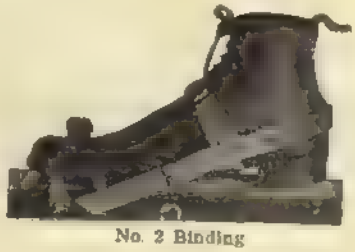
	Each
No. 5 BAMBOO SKI POLE, fitted with Bottom Ferrule and strong Ice Peg, also a new Improved Snow Washer. Poles are four and one-half feet long	$1 50
No. 1 STANDARD POLE, four and one-half feet long, fitted with rigid Snow Washer and strong Ice Peg. HARDWOOD	1 00
No. 10. A HARDWOOD POLE, four and one-half feet long, with a rigid Snow Hood. Special for children	50
	Per Dozen
No. 25. Ski Wax	$3 00

No. 5

No. 10 No. 1

SKI BINDINGS

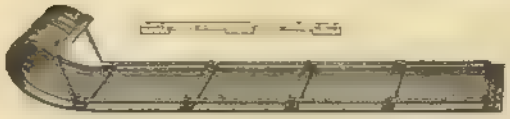
No. 1 Binding



No. 2 Binding

	Each
No. 1 Professional	$3 00
No. 2 Regulation	2 50

STRAND TOBOGGANS



STRAND RE-ENFORCED TOBOGGANS

These are made of Hardwood finished in natural wood with one coat of shellac on top. As the cross section above the toboggan cut shows the middle and two outside slats are thicker than the other four. This adds greatly to the strength of the toboggan, and as it decreases the running surface on an iced slide it will increase the speed and also make it a great deal easier to steer in the snow. Note the long graceful bend, which enables it to take a bump without a jar and also makes it run easy in deep snow. They are supplied with heavy rope, fastened with leather loops. STRAND TOBOGGANS are made in lengths 6, 8 and 10 feet, or longer.

6 ft. Toboggan, each.....$10 50 8 ft. Toboggan, each.....$14 00

10 ft. Toboggan, each.....$17 50

TOBOGGAN CUSHIONS

These Cushions are made of Brown Canvas, stoutly stuffed and tufted and equipped with laces for fastenings. The length should be one foot shorter than the toboggan. Sold by the length.

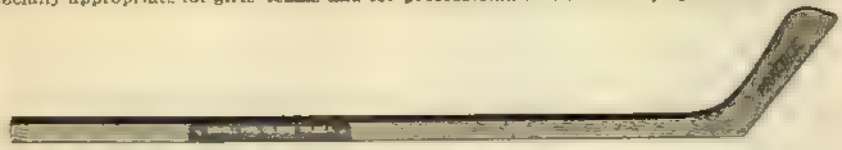
For 6 ft. Toboggan, each.....$4 50 For 8 ft. Toboggan, each.....$6 00

For 10 ft. Toboggan, each.....$7 50

HOCKEY STICKS

Per Dozen

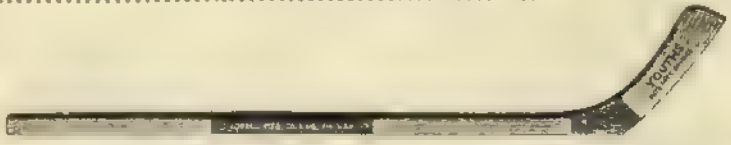
DOMINION — This is one of the most popular patterns made and is a high grade stick, is somewhat lighter in weight. Especially appropriate for girls' teams and for professional and amateur players who demand lightness $24 00



PRACTICE — A stout stick—very strong and rugged. Serviceable for practice or general play. Made of good quality Rock Elm 20 00

COLLEGE — Description practically same as Practice. One of the most popular sellers for all round use. Will give best of satisfaction..... 16 80

SCHOOL — Regulation size stick. Plenty of material to permit hard usage. Black paint at heel. Very popular design 12 00



YOUTHS — A decidedly good stick for young fellows. Blade painted a rich blue. Made of good quality lumber .. 8 00

BOYS — Made to suit the younger lads. Natural wood finish; very strong and serviceable..... 4 80

STRATFORD
SECTIONAL SILVERPLATE
FACTORY 'C'
INTERNATIONAL SILVER CO.
CARMEN
Sugar Spoon and Butter Knife In Lined Box List, $1.60 set Consumer, $1.50 set
Iced Drink or Parfait Spoons In Lined Box List $4.05 set Consumer $3.25 set
Baby Spoon (Bent Handle) In Lined Box List, $0.74 each Consumer, $0.65 each
Gravy Ladle In Lined Box List, $1.83 each Consumer $1.50 each
Cream Ladle In Lined Box List, $1.31 each Consumer $1.00 each
Knife and Fork Set (Dinner Set) Solid Handle Knives, Flat Forks List, $9.16 set Consumer, $7.10 set S. H. Stainless, List, $12.44 set S. H. Stainless, Consumer $9.50 set
Carmen Tea Spoon Actual Size
Jelly Server In Lined Box List $1.63 each Consumer, $1.50 each
Berry Salad or Serving Spoon In Lined Box List $2.39 each Consumer $2.00 each
Cold Meat, Salad or Serving Fork In Lined Box List, $1.46 each Consumer, $1.25 each
Butter Spreaders In Lined Box List, $5.22 set Consumer $4.40 set
Oyster or Seafood Forks In Lined Box List $3.78 set Consumer, $3.20 set

STAPLES IN PLAIN BOXES		List	Consumer
Tea Spoons	doz.	$4 16	doz. $3.50
Dessert or Oval Soup Spoons	doz.	8 32	doz. 7 00
Tasks or Serving Spoons	doz.	8 32	doz. 7.00
Dinner Forks	doz.	8 32	doz. 7.00
Breakfast or Luncheon Forks	doz.	8 32	doz. 7.00
SPOONS IN LINED BOXES			
Baby (Bent Handle)	doz.	8.88	each 0.65
Baby (Short Handle)	doz.	8.88	each .65
Berry, Salad or Serving	doz.	28.70	each 2.00
Bouillon	doz.	9 12	set 3.00
Coffee	doz.	4 70	set 1.85
Coffee, Plain Box	doz.	4 16	set 1 75
Five o'Clock Tea	doz.	4 70	set 1.85
Five o'Clock Tea, Plain Box	doz.	4 16	doz. 3.50
Iced Drink or Parfait	doz.	8 40	set 3.25
Iced Drink or Parfait, Plain Box	doz.	7.80	set 3.15
Orange or Grape Fruit	doz.	7 18	set 3.00
Round Bowl Soup	doz.	8.88	set 3.60
Round Bowl Soup, Plain Box	doz.	8.32	doz. 7.00
FORKS IN LINED BOXES			
Baby (Short Handle	doz.	8 88	each 0.65
Tea	doz.	7 82	set 3.35
Tea, Plain Box	doz.	7 42	doz. 6.50
Cold Meat Salad or Serving	doz.	17 74	each 1.25
Oyster or Seafood	doz.	$7 56	set $3.20
Salad, Individual	doz.	11 48	set 4.80
SERVERS IN LINED BOXES			
Butter Knife	doz.	10 96	each 0.80
Butter Knife, Plain Box	doz.	8 32	each .60
Butter Spreaders	doz.	10 44	set 4.40
Sugar Spoon	doz.	10 44	each .75
Sugar Spoon, Plain Box	doz.	7.80	each .55
Cream Ladle	doz.	15 64	each 1.00
Gravy Ladle	doz.	21 90	each 1.50
Soup Ladle Medium	doz.	57 34	each 4.00
Jelly Server	doz.	19 58	each 1.50
Flat Server Pierced	doz.	33 90	each 2.40
S. H. CUTLERY (French Style Blades)			
Dinner Knife	doz.	10 00	doz. 7.20
Breakfast Knife	doz.	10 00	doz. 7.20
Dinner Knife Stainless	doz.	16 56	doz. 12.00
Breakfast Knife Stainless	doz.	16.56	doz. 12.00
2-Piece Carving Set, 6-inch Blade Stainless Lined Box	doz.	62 64	set 3.75

INTERNATIONAL SILVER CO.

H. H. CUTLERY (French Style Blades)		List	Consumer
Dinner Knife	doz.	$24 40	doz. $17.50
Breakfast Knife	doz.	24 40	doz. 17.50
Dinner Knife Stainless	doz.	27 42	doz. 19.60
Breakfast Knife Stainless	doz.	27 42	doz. 19.60
2 Piece Carving Set 6-inch Blade, Stainless, Lined Box	doz.	110 16	set 6.60
SETS IN LINED BOXES			
Sugar Spoon and Butter Knife	doz.	19 20	set 1 50
2 Piece Baby (Short Handle	doz.	17 76	set 1.30
3 Piece Child's Flat or Steel Knife	doz	28 80	set 2.00

TWELVE-PIECE KNIFE AND FORK SETS

12 E	Dinner Set, S. H. Knives	set	9 16	set 7.10
12 C	Breakfast Set, S. H. Knives	set	9 16	set 7.10
12 ES	Dinner Set, S. H. Kvs. St.	set	12 44	set 9.50
12 CS	Breakfast Set, S. H. Knives, Stainless	set	12.44	set 9.50
12 AS	Dinner Set, H. H. Kvs. St.	set	17.88	set 13.30
12 BS	Bkfst Set, H. H. Kvs. St.	set	17.88	set 13.30

Invincible Wood and Iron Clubs

FOR beginners and those who wish serviceable clubs at a moderate price, Invincible Golf Clubs offer a very satisfactory purchase. Two wood clubs and six irons, all with standard, large size heads are included in the line. Shafts are of first grade hickory. Grips are of smooth leather.

G1250—DRIVER. Large, well proportioned head with glossy black finish. Lengths, 43 to 44 inches ..... Each 2.50
G1251—BRASSIE. Similar to No. G1250 Driver, except in loft. Lengths, 43 to 44 inches 2.50

G1252 G1253

Chromium Plated

G1252—DRIVING IRON. Lengths, 38 to 39½ inches ..... Each 2.50
G1253—MIDIRON. Lengths, 37½ to 39 inches 2.50

G1254 G1255

Chromium Plated

G1254—MASHIE. Lengths, 36 to 37½ inches ..... Each 2.50
G1255—MASHIE NIBLICK. Lengths, 35 to 36½ inches 2.50

G1256 G1257

Chromium Plated

G1256—NIBLICK. Lengths, 35 to 36½ inches ..... Each 2.50
G1257—PUTTER. Lengths, 33 to 35 inches 2.50

N-Line Special Woods and Irons

A popular price line of golf clubs, especially suitable for beginners. Wood clubs are of the popular large size patterns with attractive and durable finish. Iron clubs are large size, standard models, nickel-plated to give a bright finish and to resist rust. Heads carry distinctive marking, showing the range of the important clubs. Shafts are of good hickory. Grips of red embossed leather, topped with aluminum caps.

Special Wood Clubs

G1222—DRIVER ..... Each 2.70
G1224—BRASSIE 2.70

Nickel Plated Irons

G1288—DRIVING IRON ..... Each 2.70
G1289—MIDIRON 2.70
G1290—MASHIE 2.70
G1291—MASHIE NIBLICK 2.70
G1292—NIBLICK 2.70
G1293—PUTTER 2.70

Hollywood Clubs

These clubs are designed especially for beginners. Their quality is excellent considering their remarkably low price. The wood clubs have stained persimmon heads; the irons have hand-forged steel heads. Shafts are of hickory with calfskin grips.

G1858—DRIVER ..... Each 1.80
G1859—BRASSIE 1.80
G1860—MIDIRON 1.80
G1861—MASHIE 1.80
G1862—PUTTER 1.80

Lo-Skore Matched Irons

Lo-Skore matched irons are made by hand of selected materials carefully fashioned to provide graduated and related clubs. Heads have a chromium steel finish for protection against rust. Shafts are black steel or select second growth hickory. Well wound calfskin grips with aluminum caps.

The following sets all contain five irons: Mid-Iron, Mashie, Mashie-Niblick, Niblick and Putter

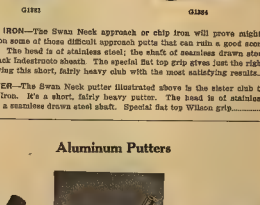
Hickory Shafted Matched Sets

G1800—Lo-Skore Men's Matched Set ..... For set 26.65
G1802—Lo-Skore Ladies' Matched Set 26.65

Steel Shafted Matched Sets

G1801—Lo-Skore Men's Matched Set ..... For set 36.65
G1803—Lo-Skore Ladies' Matched Set 36.65

Swan Neck Chip Iron and Putter

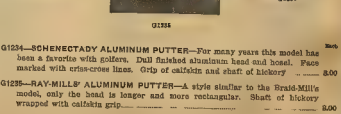


G1383 G1384

G1383—CHIP IRON—The Swan Neck approach or chip iron will prove mighty valuable on some of those difficult approach putts that can ruin a good score so easily. The head is of stainless steel; the shaft of stainless drawn steel with a black Indestructo sheath. The special flat top grip gives just the right feel to swing this short, fairly heavy club with the most satisfying results.....Each 11.50

G1384—PUTTER—The Swan Neck putter illustrated above is the sister club to the Chip Iron. It's a short, fairly heavy putter. The head is of stainless steel with a seamless drawn steel shaft. Special flat top Wilson grip.....11.50

Aluminum Putters



G1234 G1235 G1236

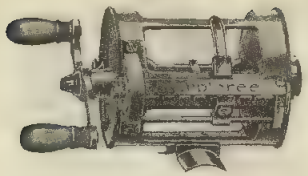
G1234—SCHENECTADY ALUMINUM PUTTER—For many years this model has been a favorite with golfers. Dull finished aluminum head and hosel. Face marked with criss-cross lines. Grip of calfskin and shaft of hickory ..... Each 8.00

G1235—RAY-MILL'S ALUMINUM PUTTER—A style similar to the Braid-Mill's model, only the head is longer and more rectangular. Shaft of hickory wrapped with calfskin grip 8.00

G1236—BRAID-MILL'S ALUMINUM PUTTER—A well molded head of solid aluminum metal. Fitted with heat of selected hickory shaft 8.00

FISHING REELS

SYMPLOREEL

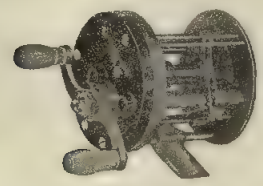


Level Wind

Chromium plated level wind reel, double handle. Well made and designed. Adjustable reciprocating shaft bearing, a feature found in no other level-winding reel.

Packed in our special anti-tarnish jeweler's bags, one in a box.

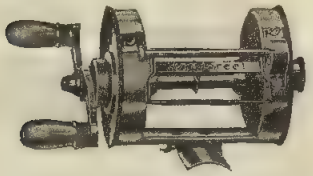
NO.	Cap. Yards	EACH
252-S	100	$10.00



Level Wind

Similar in mechanism to 252 but with bakelite (black) sides plates.

NO.	Cap. Yards	EACH
752-S	100	$7.50



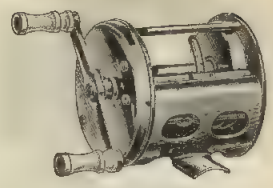
Level Winding—Non-Back-Lash

Chromium plated level wind non-back-lash Symploreel with a practical, simple come-apart feature for cleaning and oiling. Tubular construction. The level winding feature is of positive operation. Every weight of bait, wind condition and length of cast can be met by this reel. This combination of non-back-lash and level winding prevents snarled line.

One in a box—in an anti-tarnish jewelers bag.

NO.	Cap. Yards	EACH
257-S	100	$12.50

BRONSON MODERN



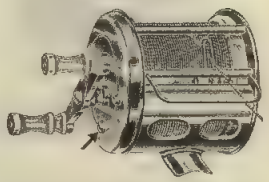
Level Wind

Nickel finish with scribed panels in head and tail plates. Equipped with perfectly balanced crank handle with two ivoroid grips; tempered gears; transverse screw and line carriage of a special alloy to give best service, bushings of both screw and spool, made of metals best suited for this purpose and generally used in much higher priced reels. Slightly more than quadruple multiplying. Click and drag combined in one member. Capacity 100 yards of average silk casting line; length of spool 1⅝ in.; diameter of spool 1¼ in.; 7¼ ounces.

NO.	EACH
100-B	$3.50

Packed in display box

BRONSON ABL



Level Wind—Anti-Back-Lash

Nickel finish with scribed panels in head and tail plates. Perfectly balanced crank handle with two ivoroid grips; tempered gears; transverse screw and line carriage of special alloy, bushings of both screw and spool made of metals best suited for this purpose. A. B. L. drag lever made of nickel silver. A. B. L. drag lever adjusting spring is of the finest tempered bronze. Click and drag combined in one member. Capacity 100 yards of average size silk casting line. Length of spool 1⅝; diameter of spool 1¼; weight 7¼ oz. Packed in a display box.

NO.	EACH
500A.B.L.	$5.00

Packed one in a box.

Level Wind—Anti-Back-Lash

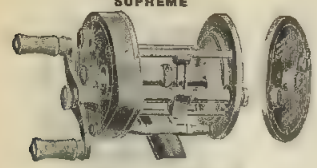
Plain finish.

NO.	EACH
2900	$4.50

J

FISHING REELS

SUPREME



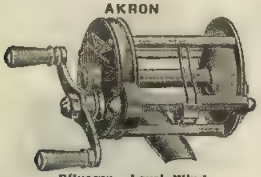
Pfluegers—Level Wind

Anti-Back-Lash mechanism is contained within the reel, automatically thumbs the spool and stops the same the instant the bait strikes the water, thus preventing all possibilities of backlashing. The adjusting screw with dial regulator is so constructed that any tension desired can be secured by simply turning the adjusting screw right or left and can be thrown off altogether, thereby making an open Level Winding Reel—Anti-Back-Lash made of nickel silver, light and strong.

NO.	Capacity	Pillar	Spool	EACH
1573	60 to 100 yd.	1⅞ in.	2¼ in.	$25.00

Packed one in a box.

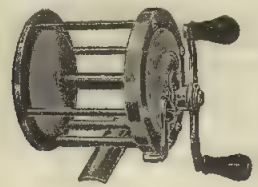
AKRON



Pflueger—Level Wind

Quadruple multiplying. Combination satin and polished nickel finish. A very popular light weight level winding reel, distinctive in design, built for wear. Capacity 80 to 100 yards of line, according to size.

NO.	Pillar In.	Plate In.	EACH
1893	1⅝	2	$5.00

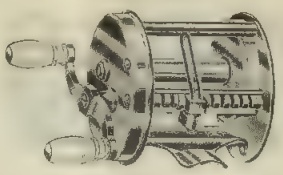


Bond

Frame of nickel silver, satin finish with inlay of hard rubber in side plates; S shape double grip crank; side lever throw off.

NO.	Cap. Yds.	Wt. Oz.	EACH
2955	100	9	$7.50

BRONSON LION



Level Wind

Nickel finish throughout with satin finished head cap, tail plate and spool. It is equipped with perfectly balanced double crank handles; tempered gears; transverse screw of phosphor bronze and line carriage of a special alloy to give best service; spool shaft of tempered steel; running in bushings of metal alloy best suited for this purpose and generally used in much higher priced reels; slightly more than quadruple multiplying; click and drag combined in one member; capacity 100 yards of average size silk casting line; length of spool, 1⅞ in.; diameter of spool, 1¼ in.; weight, 7 oz.

NO.	EACH
1800	$2.75

Packed one in a box.

Jeweled—Level Wind

NO.	EACH
3400	$4.00

GEAR GREASE

Prepared especially for bearings of fishing reels.

NO.	DOZEN
2120	$1 80

One dozen in a carton.

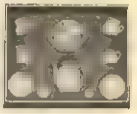
Kinderspielservice aus Porzellan. – China Toy Tea Sets. — Servicios de porcelana para niños.

1 12. Anzahl der Tassen oder Teller. — Number of cups or plates. — Número de jícaras ó platos.

Kartonbeschreibung. — Description of the cardboard-boxes. — Descripción de las cajas de cartón.

I. Strohpappe mit bunter Einlage. Straw board with internal coloured supporting board. — Cartón de paja, dentro con base de cartón de color.
II. Bedruckte Pappe mit bunter Einlage. — Printed cardboard with coloured internal supporting board. — Cartón con impresión, dentro con base de cartón de color.
III. Gemusterte Pappe mit weißer Einlage. — Figured cardboard with white interior. Cartón dibujado con interior blanco.
IV. Rotglanzkarton mit weißer Einlage. — Red cardboard with withe interior. — Cartón rúbro con interior blanco.

a) Ohne Zucker-Dose und Gießer. — Without sugar- and cream pot. — Sin azucarero y cremera.
b) Ohne Zucker-Dose. — Without sugar pot. — Sin azucarero.
c) Mit Kuchenteller. — With cake-plate. — Con plato para pasteles.
d) Mit Kuchenteller und 6 Extra-Tellern. — With cake-plate and 6 plates. — Con plato para pasteles y 6 platos.
e) Mit Kaffeeseiher. — With coffee-strainer. Con colador para café.
f) Aufmachung wie. — Outfit same as. Ejecución como No. 9/85.
g) Aufmachung wie. — Outfit same as. Ejecución como No. 9/84.
h) Aufmachung wie. — Outfit same as. — Ejecución como No. 9/83.
i) Aufmachung wie. — Outfit same as. — Ejecución como No. 9/82.
x) Lackdekor. — Japanned decoration. Decoración de laca.
y) Schmelzdekor. — Enamelled decoration. Decoración de esmalte.

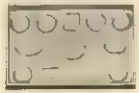


9/32	2 c	27	20	I x
9/1	2	24	[illegible]	I x
9/33	2 f	24 × 15		II x
9/34	3	26 × 19		I x
9/35	6	26 × 19		I x
9/[illegible]	[illegible]	31 × 24		II x

9/6	2	18	13	I x
9/7	2 b	16 × 13		I x
9/8	2 a	16 × 13		I x
9/9	3	20 × 16		I x
9/10	3 a	19 × 15½		I x
9/11	4	20 × 16		I x
9,12	6	27 × 20		I x

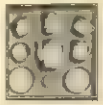
9/21	3	23 × 17		I x
9/20	2	20 × 16		I x
9/22	4	27 × 20		I x

9/1	2	13	9	I x
9/2	2 a	16	8½	I x
9/3	3	5	2	I x
9/4	4	18	11½	I x
9/5	6	2	16	I x



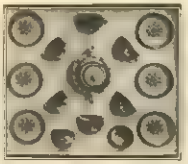
9/90	6 f	28 × 18		II x
9/91	6 + 6	35 × 23		II x
9/92	12	33 × 22		II x

9/14	2 c	18	18	I x
9/13	2	21	14	I x
9/15	2 f	21	14	II x
9/16	3	20	17	I x
9/17	4	25	16	I x
9/18	4 c	22	16	I x
9/19	6	27	20	I x



9/24	2 c	19½	19	I x
9/23	2	2	18	I x
9/25	2 f	21	18	II x
9/26	3	22	22	I x
9/27	3 b	32	23	I x
9/28	4	26	19	I x
9/29	4 i	32	25	I x
9,30	6 h	34	27	II x

9/54	2	32	25	III y
9/55	4	33 × 29		III y
9/56	4 g	33 × 29		III y
9/57	6	38 × 32		III y



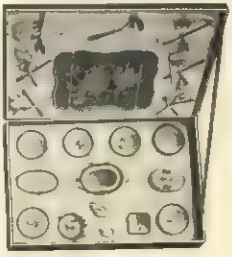
9/62	6	36 × 30		III x
9/58	2	30 × 18		II x
9/59	3	31 × 27		II x
9/60	3 f	31 × 27		II x
9/61	4	31 × 24		II x

9/72	6 d	52	62	III y

9/67	22 × 15			II x

9/67	4	36	30	IV y
9/68	4 c	40	30	IV y
9/69	6	46 × 33		IV y
9/70	6 c	46 × 35		IV y
9/71	6 d	49 × 37		IV y

9/51	3	36	28	III y
9/50	2	31 × 21		III y
9/52	4	34 × 26		III y
9/53	6	44 × 34		III y



9/99 6 37×25 III y

9/41 2 c 27 20 I x
9/40 2 27 20 I x
9/42 3 27×20 I x
9/43 4 32 23 II x
9/44 6 36 28 II x

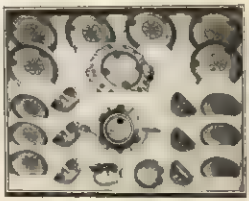
9/39 4 32×23 II x
9/37 2 24×18 I x
9/38 3 27×20 I x

9/46 2 c 32×23 II x
9/45 2 30×19 I x
9/47 2 f 30×19 II x
9/48 3 36×28 II x
9/49 4 36×28 II x

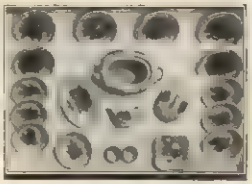
9/84 4 36 26 III y

9/64 4 44×35 III y
9/63 2 40×31 III y
9/65 6 54×44 III y

9/79 6 64×44 III y
9/77 2 44×28 III y
9/78 4 50×34 III y
9/80 6 d 56×45 III y



9/76 6 d 51×37 III x
9/73 2 36×28 II x
9/74 4 40×31 III x
9/75 6 50×35 III x

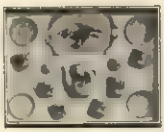


9/97 6 + 6 50×34 III y
9/96 6 44×32 III y
9/98 12 50×34 III y

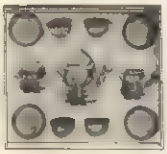
9/86 1 36×28 III y

9/88 32×28 III y

9/85 12 34×30 III y
9/93 6 34×24 III y
9/94 6 f 34×24 III y

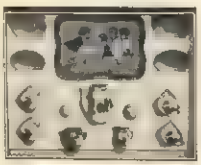


9/83 4 32×23 III y

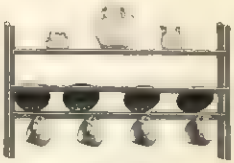


9/81 4 36×30 III y

9/101 34×31



9/182 4 40×32 III y



9/100 34×21

9/85 3 33×20 II x

Hats of Felt and Cloth for Carnival

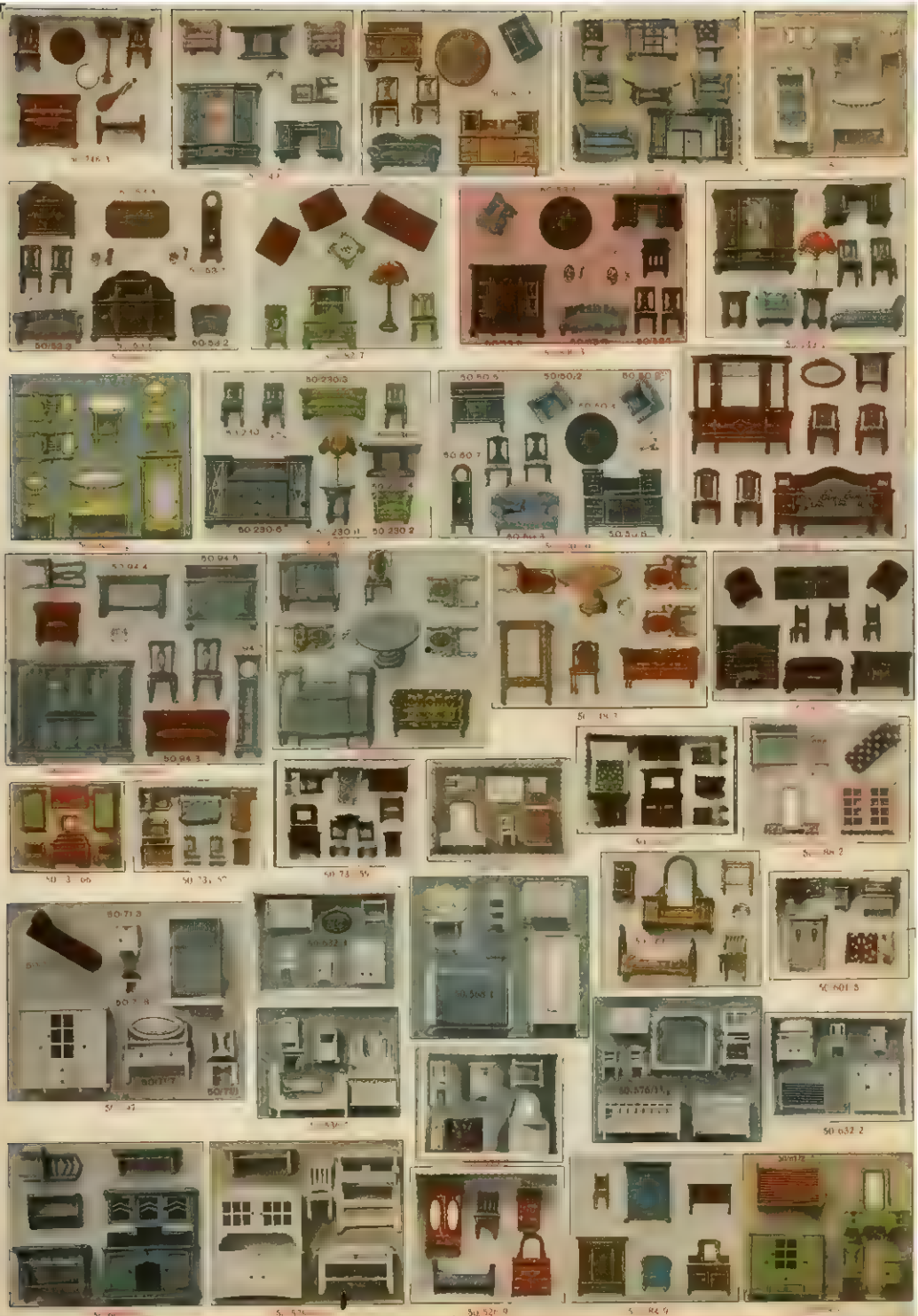
• Hüte aus Filz, Stoff und Seide für Karneval und Theater

Brinquedos en fieltro para Carnaval en Teatro

Hats of Felt and Cloth for Carnival | Hüte aus Filz, Stoff und Seide für Karneval und Theater | Brinquedos en fieltro para Carnaval en Teatro

50/329 3 oakwood—encina
50/329 3½ varnished—barnizado
50/329 2 oakwood—encina
50/329/2½ varnished—barnizado
50/329-1 oakwood encina
50/329 1½ varnished—barnizado
50/3401
50/3403
50/3404
50/3405
50/3090/8
50/3094 2
50/1071 16
50/3052 3
50/3532
50/196/43
50/1995/127
50/1995/103
50/1995/104–105
50/196/37a
50/196/44
50/196/130
50/196/84
50/199/33
50/196/148
50/196/108
50/196/102
50/195/129
50/195/75
50/196/122
50/196/60
50/195/78
50/196/84a
50/196/165
50/196/103
50/196/79½
Garnitur 50/196/163

50 737 13
50/601 20
50/601 7
50 526.15
50/552
50/745 24
50/252/4
50/601/8
50 526.19
50/772/4 blau
50/775 1
50/801 10
50 592 1



When placing an order, the Coll 46 specified at the head hereof should be always stated before the No of the individual article in question
Dando la órden, es indispensable meter el numero de colección 46 indicado arriba, ante el numero del respectivo articulo en cuestion

46

46

When placing an order, the Coll 46 specified at the head hereof should be always stated before the No of the individual article in question

Dando la órden, es indispensable meter el numero de colección 46, indicado arriba, ante el número del respectivo artículo en cuestión

46

46

Feinste Kugelgelenkpuppen, Charakter-Babys, sitzend, stehend.

gekleidet und ungekleidet, mit Köpfen aus Porzellan, Celluloid und unzerbrechlicher Masse

46 1 45 — Jointed dolls with china heads and flirting eyes
40—70 cm — Muñecas con miembros articulados con cabezas de porcelana, ojos movibles también hacia los lados

46/2 45 — Jointed dolls with celluloid heads and flirting eyes
40—65 cm — Muñecas con miembros articulados con cabezas de celuloide, ojos movibles también hacia los lados
46/3 45

46 1 48 — Standing and sitting babies with celluloid heads and flirting eyes
[illegible] — Bebés en pié y sentados con cabezas de celuloide ojos movibles también hacia los lados

46 5 45 — Standing and sitting babies with china heads and flirting eyes
[illegible] — Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados
46 6 45
52—54 cm

46 501/38 — Sitting babies with china heads and flirting eyes
29—32 cm — Bebés sentados con cabezas de porcelana, ojos movibles también hacia los lados

46 507/43 — Standing and sitting babies with china heads and flirting eyes
29—65 cm — Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados

46 528 P/sch/37 — Standing and sitting babies of celluloid with flirting eyes
[illegible] 47 cm — Bebés en pié y sentados de celuloide, ojos movibles también hacia los lados

46 548 45
29—65 cm
46 558 45
[illegible]
46 [illegible] 43
29—65 cm
46 [illegible] 43
52—54 cm
46 [illegible]
29—65 cm
46 [illegible]
52—60 cm
Standing and sitting babies with china heads and flirting eyes
Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados

46/579/47 — Sitting babies with china heads and sleeping eyes
29—32 cm — Bebés sentados con cabezas de porcelana, ojos movibles

46 624 45 — Standing and sitting babies with china heads and flirting eyes
32—60 cm — Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados

46 627/40 — Jointed dolls with china heads and flirting eyes
[illegible] 50 cm — Muñecas con miembros articulados con cabezas de porcelana, ojos movibles también hacia los lados

46/635 43 — Standing and sitting babies with celluloid heads and flirting eyes
32—65 cm — Bebés en pié y sentados con cabezas de celuloide, ojos movibles también hacia los lados

46/638/43 — Standing and sitting babies with china heads and flirting eyes
[illegible] — Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados
46 [illegible] 43
[illegible] 60 cm

46/638/48 — Standing and sitting babies with celluloid heads and flirting eyes
32—65 cm — Bebés en pié y sentados con cabezas de celuloide, ojos movibles también hacia los lados

46 639 45 — Jointed dolls with china heads and flirting eyes
35—70 cm — Muñecas con miembros articulados con cabezas
46/640/45 — de porcelana, ojos movibles también hacia los
35—80 cm — lados

46/641/45 — Jointed dolls with celluloid heads and flirting eyes
35—65 cm — Muñecas con miembros articulados con cabezas de celuloide, ojos movibles también hacia los lados

46 642/45 — Standing and sitting babies with china heads and flirting eyes
29—85 cm — Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados

Finest jointed Dolls, standing and sitting babies,

dressed and undressed, with heads of china, celluloid and compressed paper

46/643 4 — Sitting babies with china heads and sleeping eyes
29—34 cm — Bebés sentados con cabezas de porcelana, ojos movibles

46/644 43 — Standing and sitting babies with china heads and flirting eyes
29—65 cm
[illegible] 65 cm
46 645 [illegible]
32—60 cm
Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados

46 654 40 — Jointed dolls with china heads and flirting eyes
35—70 cm — Muñecas con miembros articulados con cabezas de porcelana, ojos movibles también hacia los lados

46/696 43 — Sitting babies with celluloid heads and flirting eyes
35—52 cm — Bebés sentados con cabezas de celuloide, ojos movibles también hacia los lados

46 698 43 — Standing and sitting babies with china heads and flirting eyes
[illegible] 65 cm — Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados

46 699/48 — Standing and sitting babies with china heads and sleeping eyes
32—48 cm — Bebés en pié y sentados con cabezas de porcelana, ojos movibles

46/710/50 — Jointed dolls with china heads and flirting eyes
[illegible] 65 cm — Muñecas con miembros articulados con cabezas
46 711/55 — de porcelana, ojos movibles también hacia los
40—70 cm — lados

46 813/38 — Standing and sitting babies with china heads and flirting eyes
29—48 cm — Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados

46 815 40 — Jointed dolls with celluloid heads and flirting eyes
35—50 cm — Muñecas con miembros articulados, con cabezas de celuloide, ojos movibles también hacia los lados

46 818/45 — Jointed dolls with china heads and flirting eyes
35—50 cm — Muñecas con miembros articulados con cabezas
46 830 [illegible] — de porcelana, ojos movibles también hacia los
[illegible] 65 cm — lados

46/1015/39 — Standing and sitting babies with china heads and flirting eyes
38—54 cm
46/1016/38 — Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados
38—48 cm

46/1028 P/sch 40 — Stuffed dolls with celluloid heads
32—43 cm — Muñecas de esofa con cabezas de celuloide

46 1548/Sch/38 — Sitting babies with celluloid heads and flirting eyes
32—62 cm — Bebés sentados con cabezas de celuloide ojos movibles también hacia los lados

46, 1556/Sch/38 — Sitting babies with china heads and flirting eyes
29—80 cm — Bebés sentados con cabezas de porcelana, ojos movibles también hacia los lados

46 1628, P/32 — Standing and sitting babies with celluloid heads and sleeping eyes
32—65 cm — Bebés en pié y sentados con cabezas de celuloide, ojos movibles

46 1628/Sch/43 — Standing and sitting babies with celluloid heads and flirting eyes
32—65 cm — Bebés en pié y sentados con cabezas de celuloide, ojos movibles también hacia los lados

46, 1656.45 — Standing and sitting babies with china heads and sleeping eyes
18—85 cm — Bebés en pié y sentados con cabezas de porcelana, ojos movibles

Muñecas finas con miembros articulados, Bebés sentados ó en pié

con y sin vestidos. Cabezas de porcelana, celuloide y de material inrompible

46 1656 Sch/45 — Standing and sitting babies with china heads and flirting eyes
[illegible] 85 cm
46 1656 /Sch/39 — Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados
29—30 cm

46 1687/45 — Jointed dolls with china heads and flirting eyes
45—70 cm — Muñecas con miembros articulados con cabezas de porcelana, ojos movibles también hacia los lados

46 1698/43 — Standing and sitting babies 11a
24—75 cm — Bebés en pié y sentados, calidad 11a

46 2128. Z 41 — Standing babies with celluloid heads
20—36 cm — Bebés en pié con cabezas de celuloide

46 2169/J 39 — Standing babies with china heads and sleeping eyes
29—70 cm — Bebés en pié con cabezas de porcelana, ojos movibles

46 2156, P/O/Sch/43 — Standing babies with china heads and flirting eyes
36—70 cm — Bebés en pié con cabezas de porcelana, ojos movibles también hacia los lados

46 3128 P Sch 50 — Jointed dolls with new slender limbs, celluloid heads and flirting eyes
45—75 cm — Muñecas con miembros articulados con nuevos miembros esbeltos, cabezas de celuloide, ojos movibles también hacia los lados

46 3176, P/Sch/50 — Jointed dolls with new slender limbs, china heads and flirting eyes
35—80 cm — Muñecas con miembros articulados, con nuevos miembros esbeltos, cabezas de porcelana, ojos movibles también hacia los lados

46 4005, 53 — Standing and sitting babies with china heads and flirting eyes
29—65 cm
46 4011 59 — Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados
32—85 cm

46/4066/50 — Jointed dolls with china heads and flirting eyes
40—70 cm
46 4070/50 — Muñecas con miembros articulados, con
40—70 cm — cabezas de porcelana, ojos movibles también
46 4078.45 — hacia los lados
40—70 cm

46 4109 39 — Standing and sitting babies with china heads and flirting eyes
29—85 cm
46 4 [illegible] 43 — Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados
29—65 cm
46 4 [illegible] M 43
29—65 cm
46 4112 39
32—85 cm

46 4144/45 — Jointed dolls with china heads and flirting eyes
35—70 cm — Muñecas con miembros articulados, con cabezas de porcelana, ojos movibles también hacia los lados

46 4117 [illegible] — Standing and sitting babies with china heads and flirting eyes
32—65 cm
46 4119/45 — Bebés en pié y sentados con cabezas de porcelana, ojos movibles también hacia los lados
32—57 cm

46 4153 60 — Jointed dolls with china heads and flirting eyes
40—[illegible] — Muñecas con miembros articulados con cabezas de porcelana, ojos movibles también hacia los lados

46, 4178/P/Sch/42 — Finest jointed dolls with china heads and flirting eyes
35—90 cm — Muñecas muy finas con miembros articulados, con cabezas de porcelana ojos movibles también hacia los lados

46/6104/50 — Jointed dolls with china heads and flirting eyes
40—70 cm — Muñecas con miembros articulados con cabezas
46/6105/50 — de porcelana, ojos movibles también hacia los
40—70 cm — lados

46 [illegible] Sch/48 — Standing and sitting babies with unbreakable heads and flirting eyes
29—80 cm — Bebés en pié y sentados con cabezas inrompibles, ojos movibles también hacia los lados

MÄRKLIN

Clockwork Railways
complete sets in attractive cardboard-boxes
Finely chromolithographed

Uhrwerk-Eisenbahnen
komplette Garnituren, Aufmachung in solidem Karton. Feine Chromolithographie

Ferrocarriles con aparatos de relojeria
puestos en una sólida caja de cartón
Fina cromo-embarnizadura

1 980/82/2 Spur/gauge/via 0

Zug mit 2 Wagen, Schienenkreis, vorwärtsfahrend, mit Bremse, 42 cm lang
Train with 2 cars, circle set of rails, with brake, forward only; length of train 42 cm
Tren con 2 vagones. Circulo de carriles, marchando hacia adelante, freno
Tren 42 cm de largo

1 9[illegible]2 Spur/gauge via 0

Zug mit 2 Wagen, Schienenoval vorwärtsfahrend, mit Bremse, Zuglänge 55 cm
Train with 2 cars, oval set of rails, forward only, with brake. Length of train 55 cm
Tren con 2 vagones, juego de carriles oval marchando hacia adelante, con freno
Tren [illegible] cm de largo

1 R970/61/3

Zug mit 3 Wagen, Schienenoval, vor- und rückwärtsfahrend, mit Bremse. Zuglänge 77 cm
Train with 3 cars, oval set of rails, with reversing gear and brake. Length of train 77 cm
Tren con 3 vagones, carriles ovales, marchando hacia adelante y hacia atrás, freno. Tren 77 cm de largo

1 R97[illegible] Spur gauge via

1/R1050/74/3 **1**/R1041/74/3

Zug mit 3 Wagen, Schienenoval, vor- und rückwärtsfahrend, Bremse, mit extra langlaufendem Uhrwerk
Train with 3 cars, oval set of rails, reversing gear and brake. Clockwork movement with extra length of running
Tren con 3 vagones, carriles ovales, marchando hacia adelante y hacia atrás, freno. Con resorte de marcha extra larga

1 R1050/74/3 Länge/length/largura 87 cm
1 R[illegible] 74/3 " " " 123 "

1 [illegible] Spur gauge/via 0 **1** R[illegible] Spur gauge via I

1/E1050/86/3 Spur/gauge/via 0 **1** E1041 86/3 Spur/gauge via I

Zug mit 3 D-Zug-Wagen, Schienenoval, vor- und rückwärtsfahrend, Bremse. Mit extra langlaufendem Uhrwerk

Train with 3 cars on bogies, oval set of rails, reversing gear and brake. Clockwork movement with extra length of running

Tren con 3 vagones de corredor, carriles ovales, marchando hacia adelante y hacia atrás, freno. Con resorte de marcha extra larga

1 E1050/86/3 Länge/length/largura 1[illegible] cm **1**, E1041,86/3 Länge length largura 128 cm

1/T1030/1916

Güterzug mit 3 Güterwagen, Tender Lokomotive, vor- und rückwärtsfahrend, mit Bremse. Wagen handlackiert. Schienenoval. Zug länge 64 cm
Goods-Train with 3 goods trucks, tank-locomotive with reversing gear and brake, trucks hand japanned. Length of train 64 cm. Oval set of rails
Tren de mercancias con 3 furgones, locomotora-tender marchanda hacia adelante y marchanda hacia atrás, freno. Tren 64 cm de largo. Carriles ovales

1/T1030/1916 Spur gauge/via 0

Elektrische Eisenbahnen

nach dem neuen unübertroffenen „Märklin"-System für 20 Volt. Zum Anschluß an Lichtleitung unter Verwendung eines Transformators bei Wechselstrom und eines Emanker-Umformers bei Gleichstrom, durch die die Spannung der Lichtleitung auf ein Maximum von 20 Volt reduziert wird

Electric Railways

The new matchless "Märklin" Safety High Current Electric Railways. Run from the house supply of electricity, the current being reduced to a maximum of 20 Volts, by means of Transformers in the case of Alternating Current, and a Motor Generator in the case of Direct Current

Trenes eléctricos

segun el nuevo insuperado sistema «Märklin» para 20 voltios. Para conectarse a las canalizaciones de luz, empléase un transformador si hay corriente alterna, y un convertidor rotatorio, si hay corriente continua, por los cuales el voltaje de la canalización de luz será reducido a un máxima de 20 voltios

1 R12970/61/3

Elektrischer Zug mit 3 Wagen Spur 0, vor- und rückwärtsfahrend durch Handschaltung, Lokomotive mit Stirnlampe. Schienenoval.
Electric Tram with 3 cars, Gauge 0, reversing by hand, loco with headlight, oval set of rails
Tren eléctrico con 3 vagones, marchando hacia adelante y hacia atrás, lámpara frontal, carriles ovales. Via 0

1 R12970/61/3 Spur gauge/via 0 [illegible] cm lang long de largo

Erforderliche Anschlußgarnitur — Connecting Set — Juego de acometida

für Wechselstrom — for Alternating C. - para Corr alterna 110 V. **1** 13474ZG 110 V
" " " " " " " " 220 V. **1** 13474ZG 220 V.

für Gleichstrom — for Direct C. - para Corr. continua 110 V. **1** 13476AG 110 V.
" " " " " " " " 220 V **1** 13476AG 220 V

Elektrischer Zug mit 3 Wagen, vor- und rückwärtsfahrend durch Handschaltung und mit automatischer Umschaltung für Fernsteuerung, Schienenoval, Spur 0 mit 1, Spur I mit 2 elektrischen Stirnlampen

1 R65,13050/74/3 Spur/gauge/via 0 **1**/R65/13041/74/3 Spur/gauge/via I

Electric Train with 3 cars, reversing by hand and automatically from track, oval set of rails, gauge 0 with 1, gauge I with 2 electric headlights

Tren eléctrico con 3 vagones, marchando hacia adelante y atrás con cambio de marcha automático, carriles ovales. Via 0 con 1 lámpara frontal, via I con 2 lámparas frontales

1 R65 13050/74/3 87 cm lang long/de largo **1** R65,13041/74/3 123 cm lang/long/de largo

Erforderliche Anschlußgarnitur — Connecting Set — Juego de acometida

	Spur/gauge via 0	Spur gauge via I
f Wechselstrom - for Alternat C. - para Corr. alterna 110 V.	**1** 13474AG 110 V.	BG 110 V.
" " " " " " " " 220 V.	**1**/13474AG 220 V.	BG 220 V.

	Spur/gauge via 0	Spur gauge via I
für Gleichstrom - for Direct C - para Corr continua 110 V.	**1** 13476BG 110 V.	BG 110 V
" " " " " " " " 220 V.	**1**/13476BG 220 V	BG 220 V.

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MÄRKLIN

14/R050 Spur/gauge/via 0 Länge/length/largura 29 cm
Uhrwerk-Lokomotive, vor- und rückwärtsfahrend, mit Bremse, feine Chromolithographie
Clockwork-Locomotive, with reversing gear and brake, fine chromolithography
Locomotora con aparato de relojería, con freno, marchando hacia adelante y hacia atrás fina cromolitografía

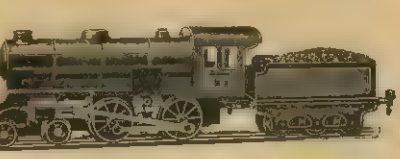
14/4000 Spur/gauge/via 0 72 cm lang/long/de largo
14/4001 Spur/gauge/via I 48 cm lang/long/de largo
Dampf-Lokomotive, vor- und rückwärtsfahrend, handlackiert
Steam-Locomotive, with slip eccentric reversing motion, hand-japanned
Locomotora (de vapor) marchando hacia adelante y hacia atrás, barnizado a mano

14/T 4000 Spur/gauge/via 0 Länge/length/largura 10 cm
Dampf-Lokomotive, nur vorwärtsfahrend, handlackiert
Steam-Locomotive, hand-japanned
Locomotora (de vapor), barnizado a mano

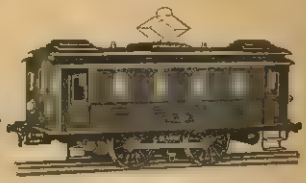
14/TMN 65/13020 Spur/gauge/via 0
14/TMN 65/3021 Spur/gauge/via I
Elektrische Lokomotive, vor- und rückwärtsfahrend, mit automatischem Umschalter, handlackiert
Electric Locomotive, reversing by hand or from control, sand-japanned
Locomotora eléctrica, marchando hacia adelante y hacia atrás por interrupción o mando automáticamente, barnizado a mano

14 TMN 65/13020 24½ cm lang/long/de largo
14 TMN 65/3021 32 " " "

Connecting set required:	For Gauge 0 and I	
In case of 110 V alternating current use		14/13474BG 110 V
" " " 220 V " "		14/13474BG 220 V
" " " 110 V direct current "		14/13476BG 110 V
" " " 220 V " "		14/13476BG 220 V
Para vías I y 0		
con corriente alterna de 110 voltios		14/13474BG 110 V
" " " 220 "		14/13474BG 220 V
" " continua " 110 "		14/13476BG 110 V
" " " 220 "		14/13476BG 220 V



14/E 65/13050
Elektrische Lokomotive, Spur 0, vor- und rückwärtsfahrend, mit automatischer Umschaltung, elektrische Stirnlampe, feine Chromolithographie
Electric Locomotive, gauge 0, reversing by hand and automatically from track, electric headlight, finely chromolithographed
Locomotora eléctrica, marchando hacia adelante y hacia atrás por interrupción a mano y automaticamente, fina cromolitografía
14/E 65/13050 30 cm lang/long/de largo



14/RS 65/13050 Spur/gauge/via 0 30 cm lang/long/de largo
14/RS 65/13031 " " " I 31 " " " "
Elektrische Lokomotive, vor- und rückwärtsfahrend mit automatischer Umschaltung, Spur 0 in feiner Chromolithographie, mit 1 elektrischen Stirnlampe, Spur I, handlackiert, mit 2 elektrischen Stirnlampen
Electric Locomotive, reversing by hand and automatically from track, gauge 0 finely chromolithographed, with 1 electric headlight, gauge I hand-japanned, with 2 electric headlights
Locomotora eléctrica, marchando hacia adelante y hacia atrás por interrupción a mano y automaticamente, vía 0 fina cromolitografía con 1 lámpara frontal, vía I barnizado a mano, con 2 lámparas frontales

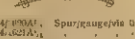
Connecting set for locomotives 14/E 65/13050, 14/RS 65/13050 and 14/RS 65/13031		
for Alternat. Curr.	110 V	14/13474BG 110 V
" " "	220 V	14/13474BG 220 V
" Direct Curr.	110 V	14/13476BG 110 V
" " "	220 V	14/13476BG 220 V

Juego de acometida para las locomotoras 14/E 65/13050, 14/RS 65/13050 y 14/RS 65/13031		
para Corr. alterna	110 V	14/13474BG 110 V
" "	220 V	14/13474BG 220 V
" Corr. continua	110 V	14/13476BG 110 V
" "	220 V	14/13476BG 220 V

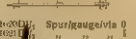
14 19292
Elektrische Eisenbahn-Anlage, Spur 0
Electric Railway Outfit Gauge 0
Combinación de tren eléctrico Vía 0
Anschlußgarnitur wie bei Lokomotive 14/TMN 65/13020
Connecting set same as by Locomotive 14/TMN 65/13020
Juego de acometida idéntico como Locomotora 14 TMN 65/13020

14 19292 U
Die gleiche Landschaft für Uhrwerkbahn Spur 0
Railway outfit as above for clockwork railway Gauge 0
Misma combinación de tren pero para ferrocarril con aparato de relojería Vía 0

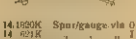
Weitere Anlagen siehe Katalog 14/D0
Other outfits see in catalogue 14/D0
Más combinaciónes en el catálogo 14/D0



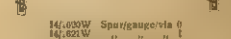
14/1800AU Spur/gauge/via 0
14/1821AU " " " "
Elektrisch/Electric/Eléctrico
14/3600AU Spur/gauge/via 0
14/3607AU " " " I



14/1800U Spur/gauge/via 0
14/1821U " " " I
Elektrisch/Electric/Eléctrico
14/3600U Spur/gauge/via 0
14/3607U " " " I



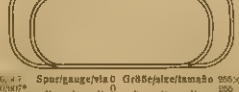
14/1820K Spur/gauge/via 0
14/1821K " " " I
Elektrisch/Electric/Eléctrico
14/3600K Spur/gauge/via 0
14/3607K " " " I



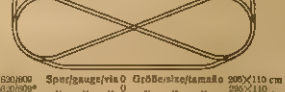
14/1820W Spur/gauge/via 0
14/1821W " " " I
Elektrisch/Electric/Eléctrico
14/3600W Spur/gauge/via 0
14/3607W " " " I

Schienen-Figuren Track Figures — Figuras de vías

14/1220/604 Spur/gauge/via 0 Größe/size/tamaño 295× 85 cm
14/3620/604* " " " " " " 295× 85 "
14/1821/604 " " " I " " 290× 105 "
14/3621/604* " " " I " " 290× 105 "
* Elektrisch/Electric/Eléctrico



14/1220/607 Spur/gauge/via 0 Größe/size/tamaño 295×115 cm
14/3620/607* " " " " " " 295×115 "
14/1821/607 " " " I " " 535×135 "
14/3621/607* " " " I " " 535×135 "
* Elektrisch/Electric/Eléctrico



14/1220/609 Spur/gauge/via 0 Größe/size/tamaño 295×110 cm
14/3620/609* " " " " " " 295×110 "
14/1821/609 " " " I " " 580×135 "
14/3621/609* " " " I " " 580×135 "
* Elektrisch/Electric/Eléctrico

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MÄRKLIN

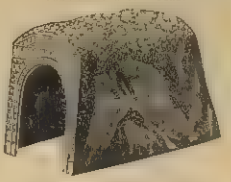
Bahnhof — Station — Estación

14/2000/0 82×38×14 cm 14/2000/1 47×20×21 cm

Güterschuppen — Goods Station — Muelle de mercancías

14/2100/0 20×13×14 cm 14/2100/1 41×21×35,5 cm

Tunnel — Tunnel — Tunel

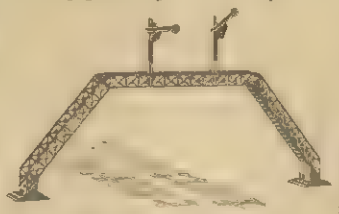


14/2300/0 30 cm lang — long — de largo 14/2000/1 37 cm lang — long — de largo

Kran — Crane — Grúa

14/2580 ø 11 cm 14 cm hoch — high — de alto

Uebergang — Footbridge — Paso a nivel superior



14/2800 31,5 cm lang — long — de largo 14 cm/1 31,5 cm lang — long — de largo

Signale — Signals — Semáforos

14/2500/0 13 cm 14/25 0/1 28 high — de alto 14/2500/0 19 cm 14/2501/1 28 high — de alto

Bahnsteighalle — Covered Platform — Andén

14/2050/1 69 × 14,5 × 17 cm 1 Bank — 1 Seat — con 1 banco 14/2050/2 30,5 × 14,5 × 17 „ 2 Bänke — 2 Seats — con 2 bancos

Prellbock
Buffer Stop — Paratopes

14/2 ... cm lang — long — de largo 14 ... long — de largo

Bahnschranke — Level Crossing — Barrera movible

14 ... cm lang — long — de largo

Drehscheibe — Turntable — Plato giratorio

14/2 ... Spur gauge — vía ø 29 cm 14/2127/1 „ „ „ 1 to 45 „ for electric locomotives para trenes eléctricos 14 ... Spur gauge — vía ø 29 cm 14 ... „ „ „ 1 to 45 „

Bahnübergang
Level Crossing — Paso a nivel

Spur — gauge — vía
14/2227/0 ø 10 cm long — de largo 14/22 ... „ 1 to „ „ „

Telegraphenstange
Telegraph Pole — Poste de telégrafo

14/2401 65 cm high — de alto

Wärterhaus
Guards House — Casita de guarda barrera

14/2190 10,5×8,5×13,5 cm

Bahnsteig-Elektrokarren
Luggage Trolley — Carretilla de andén eléctrica

14 ... cm lang — long — de largo

Hand Signallaterne mit weißer roter und grüner Scheibe und Kerzen
Signal Lamp with white, red and green panes and candle
Linterna de señales con cristales blanco, rojo y verde y bujía
13 cm hoch — high — de alto

14/2292

Signalglocke
Signal Bell — Sonería

14/2 ... 10,5 cm hoch high — de alto

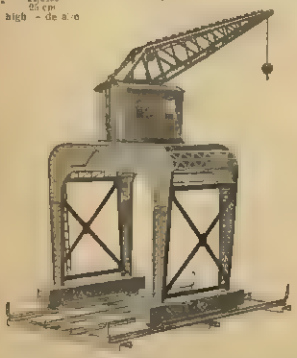
Signal-Garnitur
Set of signals — Guarnición de señales

14 ...

Bogenlampe
Arc Lamp — Lámpara de arco

14/2446 42 cm high — de alto

Portalkran
Harbour Crane — Grúa de pórtico



14/2 ... 65 cm high — de alto

Bahnhof mit Güterschuppen, Abort, Bahnsteigsperre usw.
Station with goods station, lavatory, etc. — Estación con muelle de mercancías, retrete, etc.
14/2 ... 60 × 23 × 16 cm

Eisenbahnbrücke — Railway Bridge — Puente de ferrocarril
14/2502/0 gauge — vía 0, length-largura 86 cm, with 1 span — con 1 arco 14/2502/1 gauge — vía 1, length — largura 126 cm, with 2 spans con 2 arcos
For electric railways 14/2502/0EI 14/2502/1EI Para trenes eléctricos 14/2502/0EI 14/2502/1EI

Länge of rails — largo de la vía 96 cm

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Deep Perambulators

Wheels
Ruedas
23 6695 Ø 45 cm
Length of body
Largura de la cesta } 80 cm
Weight Peso 18 kg

Coches profundos para niños

Wheels
Ruedas
23 6705 I Ø 45 cm
Length of body
Largura de la cesta } 80 cm
Weight Peso 19 kg

Wheels
Ruedas
23 6705 II Ø 50 cm
Length of body
Largura de la cesta } 85 cm
Weight Peso 20 kg

*
Colours assorted
*

Wheels
Ruedas
23 6850 Ø 45 cm
Length of body
Largura de la cesta } 80 cm
Weight Peso 22 kg

*
Colores surtidos
*

Wheels
Ruedas
23 6702 Ø 45 cm
Length of body
Largura de la cesta } 80 cm
Weight Peso 21 kg

*
Totally white colour against price advance
*

Wheels
Ruedas
23 6801 Ø 50 cm
Length of body
Largura de la cesta } 85 cm
Weight Peso 20 kg

*
Color blanco total contra aumento de precio
*

Wheels
Ruedas
23 6754 Ø 50 cm
Length of body
Largura de la cesta } 85 cm
Weight Peso 18 kg

Wheels
Ruedas
23 6800 Ø 50 cm
Length of body
Largura de la cesta } 85 cm
Weight Peso 22 kg

Wheels
Ruedas
23 6790 Ø 50 cm
Length of body
Largura de la cesta } 85 cm
Weight Peso 23 kg

Puppenwagen — Dolls' carriages — Coches para muñecas

23/1876

Wheels / Ruedas ø 22 cm — Weight / Peso 1,5 kg

23/2811

Wheels / Ruedas ø 30 cm — Weight / Peso 2,5 kg

23 1918N

Wheels / Ruedas ø 20 cm — Weight / Peso 2,6 kg

23 1975N

Rubber tyres / Ruedas con goma ø 22 cm — Weight / Peso 7,1 kg

L = Length of body — Largura de la cesta

	L	Wheels / Ruedas	Weight / Peso
23 1078A	40 cm	ø 18 cm	1,6 kg
23 1078B	45 „	ø 18 cm	1,8 kg
23 1078C	50 „	ø 18 cm	2,4 kg
23/1078D	55 „	ø 18 cm	2,7 kg

	L	Wheels / Ruedas	Weight / Peso
23 2301A	45 cm	ø 18 cm	2,5 kg
23 2301B	50 „	ø 22 „	3,2 „
23 2301C	55 „	ø 25 „	3,6 „

	L	Wheels / Ruedas	Weight / Peso
23 1806A	40 cm	ø 18 cm	4,1 kg
23 1806A	45 „	ø 18 „	9,5 „
23 1806B	50 „	ø 22 „	3,2 „
23/1806C	55 „	ø 25 „	3,6 „

	L	Wheels / Ruedas	Weight / Peso
23 2310A	45 cm	ø 18 cm	3 kg
23 2310B	50 „	ø 22 „	3,2 „
23/2310C	55 „	ø 25 „	3,6 „

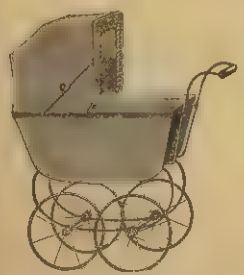
	L	Wheels / Ruedas	Weight / Peso
23/2703	45 cm	ø 18 cm	2,7 kg

	L	Weight / Peso
23/2761D	60 cm	8 kg

Rubber tyres / Ruedas con goma ø 35 cm

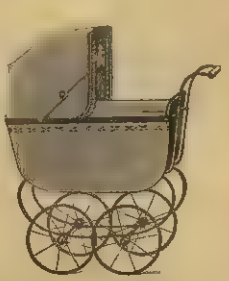
	L	Wheels / Ruedas	Weight / Peso
23/2700NA	45 cm	ø 22 cm	2,6 kg
23/2700NB	50 „	ø 25 „	3,2 „
23/2700NC	55 „	ø 25 „	3,6 „

	L	Weight / Peso
23 2319A	45 cm	1,8 kg
23/2319B	50 „	8 „
23/2319C	55 „	2,3 „



	L	Wheels / Ruedas	Weight / Peso
23 1716A	45 cm	22 cm	2,4 kg
23 1716B	50 „	25 „	3 „
23 1716C	55 „	25 „	3,4 „

	L	Rubber tyres / Ruedas con goma	Weight / Peso
23 1765GgA	45 cm	ø 22 cm	2,8 kg
23, 1765GgB	50 „	ø 25 „	3,2 „
23/1765GgC	55 „	ø 25 „	3,6 „
23/1765GgD	60 „	ø 30 „	4 „



	L	Rubber tyres / Ruedas con goma	Weight / Peso
23 2764GgA	45 cm	ø 22 cm	2,8 kg
23 2764GgB	50 „	ø 22 „	3,2 „
23 2764GgC	55 „	ø 25 „	3,6 „
23/2764GgD	60 „	ø 25 „	4 „

	L	Rubber tyres / Ruedas con goma	Weight / Peso
23 2788C	55 cm	ø 25 cm	6,5 kg
23/2788D	60 „	ø 30 „	7,5 „

Puppenwagen —Dolls' carriages — Coches para muñecas

All with rubber tyres
Todos con ruedas con bandajes de goma

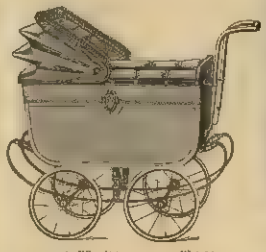
23 2744C / **23** 2744D — Wheels / Ruedas: ø 25 cm / „ 30 „ — Weight / Peso: 7 kg / 8 „

23/2746C / **23**/2746D — Wheels / Ruedas: ø 25 cm — Weight / Peso: 8 kg / 9 „

23/2741GL B / **23**/2741GL C / **23** 2741GL D / **23** 271 G Dd — Wheels / Ruedas: ø 22 cm / „ 25 „ / „ 25 „ — Weight / Peso: 5 kg / 6 „ / 7 „ / 8,5 „

23 1701B / **23** 1701C / **23** 1701D / **23** 170..Dd — Wheels / Ruedas: ø 25 cm — Weight / Peso: 7 kg / 8 „ / 9 „ / 10 „

Length of body
A
B 50 „
C 55 „
D 60 „
Dd 65 „



23/2702D — Wheels / Ruedas: ø 25 cm — Weight / Peso: 9,5 kg

23 2900A / **23** 2900B / **23** 2900C / **23**/2900D / **23** 2900Dd — Wheels / Ruedas: ø 25 cm / „ 30 „ / „ 35 „ / „ 25 „ / „ 25 „ — Weight / Peso: 5 kg / 6 „ / 7 „ / 8 „ / 9,5 „

23 2923B / **23** 2923C / **23** 2923D / **23** 2923Dd — Wheels / Ruedas: ø 25 cm / „ 25 „ / „ 25 „ / „ 25 „ — Weight / Peso: 6 kg / 7 „ / 8 „ / 9,5 „

Largura de la cesta
A
B 50 „
C 55 „
D 60 „
Dd 65 „

23 2..9C / **23** 2..9L — Wheels / Ruedas: ø 25 cm — Weight / Peso: 8,5 kg / 9,5 „

23 2..6a GL A / **23** 27..6 GL B / **23** 27..6 GL C / **23** 2765 GL D — Wheels / Ruedas: ø 20 cm / „ 22 „ / „ 25 „ / „ 25 „ — Weight / Peso: 3 kg / 3,5 „ / 4 „ / 4,5 „

23 29..9C / **23** 29..9D — Wheels / Ruedas: ø 25 cm — Weight / Peso: 8 kg / 9 „

23/2902R C / **23**/2902R D / **23** 2902R Dd — Wheels / Ruedas: ø 25 cm — Weight / Peso: 7,1 kg / 8,1 „ / 9,6 „

23/2991D — Wheels / Ruedas: ø 20 cm — Weight / Peso: 9 kg

23 2992D / **23**/2992Dd — Wheels / Ruedas: ø 25 cm — Weight / Peso: 9,2 kg / 10,7 „

23/2971D — Wheels / Ruedas: ø 25 cm — Weight / Peso: 9 kg

23/2980D — Wheels / Ruedas: ø 22 cm — Weight / Peso: 8,7 kg

23/2982D — Wheels / Ruedas: ø 22 cm — Weight / Peso: 9,2 kg

Sitting- and standing-babies in different executions. — Bebés sentados y en pie en diferentes ejecuciónes.

Eskimo babies, soft stuffed with weeping-voice, china head with sleeping-eyes

Bebés esquimo, de estofado blando con voz de llorо, cabeza de porcelana con ojos de dormir

Dressed sitting-babies (white dress) china head with hair-dress, sleeping-eyes and eye-lashes

Bebés sentados vestidos (vestido blanco) cabeza de porcelana con tocado, ojos de dormir con pestañas

Same as **37** 319/38 60 but with selfacting mama-voice

Mismo como **37** 319/38 60 pero con voz de llоro automática

Sitting-babies with china head with hair-dress and sleeping-eyes of size 31 cm with eye-lashes

Bebes sentados con cabeza de porcelana con tocado y ojos de dormir de tamaño 31 cm con pestañas

Sitting-babies with china head and sleeping-eyes with eye-lashes, voice and sucker for pu ling

Bebés sentados con cabeza de porcelana y ojos de dormir con pestaños. voz y chupador de tirar

Sitting-babies with papermaché head and hair dress, sleeping-eyes and of size 31 cm with eye-lashes

Bebes sentados con cabeza de papel maché y tocado, ojos de dormir de tamaño 31 cm con pestañas

Sitting - babies with tricotdress, china head with hairdress, sleeping-eyes of size 31 cm with eye-lashes

Bebés sentados con vestido de tricot, cabeza de porcelana con tocado, ojos de dormir de tamaño 31 cm con pestañas

Sitting-babies with china head and sleeping-eyes

Bebés sentados con cabeza de porcelana y ojos de dormir

Sitting-babies. Mulattoes, of paper-maché with china head and sleeping-eyes

Bebés sentados, mulatos, de papel maché con cabeza de porcelana y ojos de dormir

Sitting-babies with sucking-bottle, emptying and refilling itself automatically, china head with sleeping eyes

Bebes sentados con biberon que se vacia y rellena automáticamente, cabeza de porcelana con ojos de dormir

Sitting-baby with basi-bag on back

Bebé sentado con saquito de corteza en las cuestas

Sitting - babies with tricotdress, china head, painted hair, sleeping-eyes of size 31 cm with eye-lashes

Bebés sentados con vestido de tricot, cabeza de porcelana con cabello pintado, ojos de dormir de tamaño 31 cm con pestañas

Sitting - babies with tricotdress of artificial silk in richly assorted colours, china head with hair-dress and sleeping eyes of size 31 cm with eyelashes

Bebés sentados con vestido de tricot de seda artificial en colores ricamente surtidos, cabeza de porcelana con tocado y ojos de dormir de tamaño 31 cm con pestañas

Standing-babies of papermaché with celluloid head with hair-dress, sleeping-eyes with eye-lashes and push-voice

Bebés en pie de papel-maché con cabeza de celuloide con tocado, ojos de dormir con pestañas con voz de presión

Standing-babies with papermaché head, sleeping-eyes and push-voice

Bebés en pie con cabeza de papel maché, ojos de dormir y voz de presión

Sitting - babies of papermaché, celluloid head with hair-dress, sleeping-eyes with eye-lashes and push-voice

Bebés sentados de papelmaché, cabeza de celuloide con tocado ojos de dormir con pestañas y con voz de presión

Sitting babies of papermaché, celluloid head with firm glass eyes and with push-voice

Bebés sentados de papelmaché cabeza de celuloide con ojos fijos de vidrio y con voz de presión

Sitting - babies with push-voice, china head with sleeping-eyes

Bebés sentados con voz de prosión, cabeza de porcelana con ojos de dormir

Sitting - babies with push-voice, paper-maché head with sleeping-eyes

Bebés sentados con voz de presión, cabeza de papel maché con ojos de dormir

Sitting-babies in long clothes with push-voice, china head with sleeping-eyes

Bebés sentados con ropa de largo, con voz de presión, cabeza de porcelana con ojos de dormir

Dressed soft stuffed sitting-babies with paper-maché head and sleeping-eyes

Bebés sentados vestidos de estofado blando con cabeza de papel-maché y ojos de dormir

Dressed soft stuffed sitting-babies, paper-maché head with sleeping-eyes and self-acting mama-voice

Bebés sentados vestidos de estofado blando cabeza de papel-maché, con ojos de dormir y voz mama-automática

Dressed soft stuffed sitting-babies, paper-maché head with sleeping-eyes and self acting weeping-voice

Bebes sentados vestidos de estofado blando cabeza de papel-maché con ojos de dormir y voz de lloro automática

Dressed soft stuffed sitting-babies, paper-maché head with sleeping eyes

Bebés sentados vestidos de estofado blando, cabeza de papel-maché con ojos de dormir

Dressed soft stuffed sitting-babies, mulattoes, with paper-maché head and sleeping eyes

Bebés sentados, mulatos, vestidos de estofado blando, cabeza de papel-maché con ojos de dormir

Sitting-babies with push-voice, paper-maché head with sleeping-eyes

Bebés sentados con voz de presión, cabeza de papel-maché con ojos de dormir

Dressed soft stuffed sitting-babies, paper-maché head with sleeping-eyes

Bebés sentados vestidos de estofado blando, cabeza de papel-maché con ojos de dormir

Southsea-babies with paper maché head, sleeping-eyes and hair-dress

Bebés negros del Pacífico con cabeza de papel-maché ojos de dormir y tocado

Sitting - babies of papermaché with woollen dress, china head with sleeping-eyes

Bebés sentados del papel maché con vestido de lana, cabeza de porcelana con ojos de dormir

Sitting - babies of papermaché with woollen dress, paper-maché head with sleeping-eyes

Bebés sentados de papelmaché con vestido de lana, cabeza de papel-maché con ojos de dormir

Celluloid babies with hair dress, sleeping-eyes and eyelashes with play-breeches

Bebés de celuloide con tocado, ojos de dormir y pestañas con calzón de juego

Celluloid babies with hairdress, sleeping-eyes and eyelashes with petticoat

Bebés de celuloide con tocado, ojos de dormir y pestañas con saya

Soft stuffed sitting-babies, dressed, paper-maché head with sleeping-eyes and weeping-voice

Bebés sentados de estofado, blando, vestidos, cabeza de papel-maché con ojos de dormir y voz de lloro

Kollektion 37 Collection 37 – Colección 37

When placing an order, the Collection 37 specified at the head hereof should be always stated before the No. of the individual article in question.
Dando la órden es indispensable meter el número de colección 37, indicado arriba, ante el número del respectivo artículo en cuestion.

New-born babies in long clothes and in carrying-cushion — Bebés recien-nacidos con ropa de largo y en cojinito

37 7/6 0	17 cm	New-born babies in long clothes with voice, china head, sleeping-eyes with open mouth and sucker
37 7 5 0	18 „	
37 7 4 0	19 „	
37 7 3 0	20 „	
37 7/8/0	22 „	Bebes recien-nacidos con ropa de largo con voz cabeza de porce ana, ojos de dormir con boca abierta y chupador
37 7,8 1	25 „	
37 7,8 2	30 „	
37,7B/7	35 „	

37 11L 5/0	16 cm	New-born babies in light blue and pink carrying-cushions with voice paper-maché head with sleeping-eyes with open mouth and sucker
37 11L 4/0	20 „	
37 11L 3/0	22 „	
37 11L 1	25 „	
37 11L 2	30 „	Bebes recien-nacidos en cojinito azu, claro y color de rosa con voz, cabeza de papel-maché con ojos de dormir con boca abierta y chupador
37 11BU 4	44 „	
37,11BU/5	50 „	

37 14Z 3/0	20 cm	Twin babies in carrying-cushion with voice, china head with sleeping-eyes and open mouth with sucker
37 14BZ/0	22 „	
37 14BZ 1	25 „	Bebés gemelos en cojinito, con voz cabeza de porcelana con ojos de dormir y con boca abierta y chupador
37,14BZ 2	30 „	

37,7U/6/0	17 „	New-born babies in long clothes with voice, paper-maché head, sleeping-eyes with open mouth and sucker
37 7U 5 0	18 „	
37 7U 4 0	19 „	
37 7U 3/0	20 „	
37 7BU/0	22 „	Bebes recien-nacidos con ropa de largo con voz cabeza de papel maché, ojos de dormir con boca abierta y chupador
37 7BU 1	25 „	
37 7BU/2	30 „	
37 7BU 3	35 „	

37 12,3/0	20 „	New-born babies in white carrying-pillow with voice china head with sleeping-eyes and open mouth with sucker
37 12B/0	22 „	
37 12B 1	25 „	
37 12B 2	30 „	
37 12B 3	35 „	Bebés recien-nacidos en cojinito blanco con voz cabeza de porcelana con ojos de dormir y chupador
37 12B 4	44 „	
37 12B 5	50 „	

37 15B 3/0	20 „	Twin babies (1 mulatto and 1 white baby) in carrying-cushion with voice, china head with sleeping-eyes and with open mouth with sucker
37 14BZ/0W&M 22		
37 14BZ 1W&M 25		Bebés gemelos (1 mulato y 1 blanco) en cojinito con voz cabeza de porcelana con ojos de dormir y con boca abierta con chupador
37 14BZ/2W&M 30		

37 7UM 3/0	17 „	New-born babies in long clothes (Mulattoes) with voice, paper-maché head sleeping-eyes and with open mouth and sucker
37 7UM 5/0	18 „	
37 7UM 4/0	19 „	
37 7UM 3/0	20 „	
37 7BUM/0	22 „	Bebes recien-nacidos con ropa de largo (Mulatos) con voz, cabeza de papel maché ojos de dormir y con boca abierta y chupador
37 7BUM 1	25 „	
37 7BUM 2	30 „	
37 7BUM 3	35 „	

37 12M 3/0	18 „	New-born babies (Mulattoes) in white carrying-pillow, with voice china head with sleeping-eyes and with open mouth and sucker
37 12M 1/0	20 „	
37 12M 0	22 „	
37 12M 1	25 „	
37 12M 2	30 „	Bebés recien-nacidos (Mulatos) en cojinito blanco, con voz, cabeza de porcelana con ojos de dormir y con boca abierta y chupador
37 12M 3	35 „	
37 12M 4	44 „	
37 12M 5	50 „	

37 15B 3/0	20 „	New-born babies in long clothes, with voice china head with sleeping-eyes and with open mouth with sucker
37 15B 0	22 „	
37 15B 1	25 „	Bebes recien-nacidos con ropa de largo con voz, cabeza de porcelana con ojos de dormir y con boca abierta con chupador
37 15B 2	30 „	
37 15B 3	35 „	

37 9B/0	22 „	New-born babies in long clothes with voice, china head with sleeping-eyes and with open mouth and sucker
37 9B 1	25 „	
37 9B 2	30 „	
37 9B 3	35 „	
37 10 3/0	20 „	
37 10 2/0	25 „	Bebés recien nacidos con ropa de largo con voz, cabeza de porcelana con ojos de dormir y con boca abierta y chupador
37 10 0	30 „	
37 10 1	35 „	
37 10/2 2	40 „	
37 10 3 4	44 „	

37 12U 3/0	20 „	New-born babies in white carrying-pillow with voice, paper-maché head with sleeping-eyes and with open mouth and sucker
37 12U 2/0	22 „	
37,12BU 1	25 „	
37 12BU/2	30 „	Bebes recien-nacidos en cojinito blanco, con voz, cabeza de papel-maché con ojos de dormir y con boca abierta y chupador
37 12BU 3	35 „	
37 12BU 4	44 „	
37 12BU 5	50 „	

37 15BT/0	22 „	New born babies in long clothes wrapped in shawl, china head with sleeping-eyes voice and sucking bottle
37,15BT/1	25 „	
37 15BT 2	30 „	Bebés recien-nacidos con ropa de largo, envuelto en chal cabeza de porcelana con ojos de dormir, voz y biberon
37,15BT 3	35 „	

37 10MJBS/2	32 „	New-born babies in long clothes with voice, celluloid head with sleeping-eyes
		Bebes recien-nacidos con ropa de largo con voz, cabeza de celuloide con ojos de dormir

37 12BT 0	22 „	New-born babies in white carrying-pillow with voice paper-maché head with sleeping-eyes and with sucking bottle
37 12BT/1	25 „	
37 12BT 2	30 „	Bebes recien-nacidos en cojinito blanco con voz, cabeza de papel-maché con ojos de dormir y con biberón
37 12BT 3	35 „	

37/29B/0	22 „	New-born babies in long clothes, with voice, china head with sleeping-eyes and open mouth with sucker
37,29B 1	25 „	
37 9B 2	30 „	Bebes recien-nacidos con ropa de largo, con voz cabeza de porcelana con ojos de dormir con boca abierta y chupador
37 29B 3	35 „	

37 10L 3/0	21 „	New-born babies in long clothes with voice paper maché head with sleeping-eyes and with open mouth and sucker
37 10U 0	25 „	
37 10U 1	30 „	
37 10U 2	32 „	
37 10U 3	41 „	Bebés recien nacidos con ropa de largo, con voz cabeza de papel-maché con ojos de dormir y con boca abierta y chupador
37 10L 4	44 „	
37 10L 5	50 „	

37 13 3/0	18 „	New-born babies in swaddling clothes, with voice china head with sleeping-eyes and with open mouth and sucker
37 13 2/0	21 „	
37 13B/0	24 „	
37 13B 1	27 „	
37 13B 2	32 „	Bebes recien-nacidos en mantillas, con voz, cabeza de porcelana con ojos de dormir y con boca abierta con chupador
37 13B 3	38 „	
37 13B 4	44 „	
37,13B/5	50 „	

37 5BU 0	22 „	New-born babies in long clothes, with voice, paper maché head with sleeping-eyes and open mouth with sucker
37 5BU 1	25 „	
37 5BU 2	30 „	Bebés recien-nacidos con ropa de largo con voz, cabeza de papel-maché con ojos de dormir y con boca abierta con chupador
37 5BU 3	35 „	

37/10/32U/24	24 „	Sitting-babies in long clothes, paper-maché head with sleeping eyes
37 10 32U 28	28 „	
37 10 32U 31	31 „	
37 10 32U 38	38 „	Bebés sentados con ropa de largo, cabeza de papel-maché con ojos de dormir
37 10 32U 45	45 „	
37 10 32U 50	50 „	

37 7B 0	22 „	New born babies in long clothes with voice china head with sleeping-eyes and with open mouth with sucker
37 7B 1	25 „	
37 7B 2	30 „	
37 7B 3	35 „	
37 7B 4	25 „	Bebés recien-nacidos con ropa de largo, con voz, cabeza de porcelana con ojos de dormir y con boca abierta con chupador
37/110B/1	30 „	
37/110B/2	32 „	
37 110B/3	40 „	

37/10/32UT 28	28 „	Sitting-babies in long clothes with sucking-bottle paper maché head with sleeping-eyes
37 10/32UT/31	31 „	
37 10 32U T 38	38 „	Bebes sentados con ropa de largo con biberon cabeza de papel-maché y ojos de dormir
37 10 32U T 45	45 „	

37/14/5/0	18 „	New-born babies in carrying-pillow, with voice, china head with sleeping eyes and with open mouth with sucker
37 14 5 0	20 „	
37 14B 0	22 „	
37 14B 1	25 „	
37 14B/2	30 „	Bebés recien-nacidos en cojinito, con voz, cabeza de porcelana con ojos de dormir y con boca abierta con chupador
37 14B/3	35 „	
37 14B/4	44 „	
37,14B/5	50 „	

37 14L 3/0	18 „	New-born babies in carrying-pillow with voice paper-maché head with painted hair and sleeping-eyes and with open mouth with sucker
37 14L 2/0	20 „	
37 14BL/0	22 „	
37/14BU/1	25 „	
37,14BL/2	30 „	Bebés recien-nacidos en cojinito, con voz cabeza de papel-maché con cabellos pintados y ojos de dormir
37/14BU/3	35 „	
37 14BU/4	44 „	
37,14BU/5	50 „	

37 11M/3/0	18 „	New born babies (Mulattoes) in carrying cushion, in pink and light blue assorted with voice, china head with sleeping-eyes, with open mouth and sucker
37 11M/5/0	20 „	
37,11BM/0	22 „	
37 11BM 1	25 „	
37 11BM 2	30 „	Bebes recien-nacidos (Mulatos) en cojinito en rosa y color de azul claro surtido con voz, cabeza de porcelana con ojos de dormir, con boca abierta y chupador
37 11BM 3	35 „	
37 11BM 4	44 „	
37,11BM 5	50 „	

37,14U/5/0	18 „	New-born babies in carrying-pillow with voice paper-maché head with sleeping-eyes and with open mouth with sucker
37 14U/3/0	20 „	
37 14U 0	22 „	
37 14U 1	25 „	
37 14U 2	0 „	Bebés recien-nacidos en cojinito con voz cabeza de papel-maché con ojos de dormir y con boca abierta con chupador
37 14U 3	35 „	
37/14BU/4	44 „	
37/14BU/5	50 „	

37 15BB 0	22 „	New born babies in long clothes with voice, with open mouth and sucker
37 15B 1	25 „	
37 15B 2	30 „	Bebes recien-nacidos con ropa de largo con voz, con boca abierta y chupador
37/15B/3	35 „	

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Size of babies Tamaño de las bebés	Length of baskets Largura de las cestitas	
37 16/4/0	19 cm	24 cm
37 14/3/0	21 "	28 "
37 16B/0	22 "	30 "
37 16B/1	26 "	34 "
37 16B/2	32 "	38 "
37 16B/3	35 "	40 "
37 17/6/0	17 "	21 "
37 17/5/0	18 "	22 "
37/17/4/0	19 "	23 "
37/17/3/0	20 "	25 "
37/17/0	23 "	30 "
37/17/1	27 "	35 "
37 17/2	30 "	39 "
37 17/3	37 "	45 "
37 17BL/6/0	17 "	21 "
37 17BL/5/0	18 "	22 "
37 17BL/4/0	19 "	23 "
37 17BL/3/0	20 "	25 "
37/17BL/0	23 "	30 "
37/17BL/1	27 "	35 "
37/17BL/2	30 "	39 "
37 17BL/3	37 "	45 "
37 17M/6/0	17 "	21 "
37/17M/5/0	18 "	22 "
37 17M/4/0	19 "	23 "
37/17M/3/0	20 "	25 "
37/17M/0	23 "	30 "
37/17M/1	27 "	35 "
37 17M/2	30 "	39 "
37 17M/3	37 "	45 "
37/18, 19/0	15 "	
37/18/6/0	17 "	
37 18/5/0	19 "	
37 18/4/0	20 "	
37 18/3/0	21 "	
37 18/19/00S	15 "	
37 19/6/0	17 "	
37 19/5/0	19 "	
37 19/4/0	20 "	
37 19/3/0	21 "	
37/41/4/0	20 "	
37 41/0	23 "	
37/42 4/0	20 "	
37 42/0	23 "	
37 42B/8/0	15 "	
37 33/8/0	15 "	
37/83Z/8/0W&M	15 "	
37 4 9	15 "	
37 85 [illegible]	15 "	
37 86M/8/0	15 "	
37 [illegible]/8,0W&M	15 "	
37/88/19	15 "	
37 39/8/0	15 "	
37/42Z 8/0	15 "	21 "
37 42Z/6/0	18 "	23 "
37 42ZU/8/0	15 "	21 "
37 42ZU/5/0	18 "	23 "
37 43Z/8/0	15 "	25 "
37 43Z/6/0	18 "	27 "
37 51BL18	18 "	
37/51BL21	21 "	
37 51BL23	23 "	
37 51BL25	25 "	
37 51BL28	28 "	
37 51BL31	31 "	
37 51BL36	36 "	

Size of babies Tamaño de las bebés	Length of beds Largura de las camas	
37 68B/0	24 cm	30 cm
37/68B/1	27 "	33 "
37 68B/2	30 "	36 "
37 68R/6/0	17 "	19½ "
37 68R/5/0	18 "	22 "
37 68R 4/0	19 "	24½ "
37 68R 3/0	21 "	27 "
37 68R 0	23 "	30 "
37 68R 1	27 "	33 "
37/68R 2	30 "	36 "
37 68W/6/0	17 "	19½ "
37 68W 5/0	18 "	22 "
37/68W/4/0	19 "	24½ "
37 68W/3/0	21 "	27 "
37 68W/2/0	23 "	28½ "
37 68W/0	25 "	30 "
37 68W 1	27 "	33 "
37 68W/2	30 "	36 "
37 68 320/3 0	20 "	27 "
37 68 320/2	22 "	29½ "
37/68 320/1	24 "	33 "
37 68 320/2	30 "	36 "

Size of leading rail
Tamaño del carretón de andar

37/69/1	15 cm	9,5× 9,5 cm
37 69 2	15 "	12,5×12,5 "
37 69 4	18 "	15,5×15,5 "
37 69 4	21 "	18,5×18,5 "
37 69 5	25 "	21 ×21 "
37 69 6	28 "	24,5×24,5 "
37 69ST 2	14 "	14 ×14 "
37/69ST/3	17 "	15,5×15,5 "
37/69ST/4	20 "	18,5×18,5 "
37/69ST 5	22 "	21 ×21 "
37 69ST/6	26 "	24,5×24,5 "

Lenght of basket
Largura de la cestita

37/84/19/0K	15 cm	18 cm
37 84 6 0Z	17 "	23 "
37 85 19 0Z	15 "	18 "
37/85/5/0	18 "	21 "
37/86 19/0	15 "	18 "
37/86/5/0	18 "	21 "
37/86 4/0	19 "	23½ "
37/87/19/0	15 "	20 "
37/87/6/0	17 "	22 "
37/87 5 0	18 "	25 "
37/93/8,0	15 "	
37/93/6/0	17 "	
37 100,40	38 "	
37/200 32	32 "	
37/200/34	34 "	
37 200/36	36 "	
37/200/38	38 "	
37/200,40	40 "	
37/200/45	45 "	
37/200/50	50 "	
37/200/55	55 "	
37/200/60	60 "	
37/200/65	65 "	
37/230K 8/0		
37/230K/4/0		
37/230K 3/0		
37/230K/2/0		
37 230K 0		
37/230K/2		
37 230K 4		
37/230K 6		
37/230K/7		
37/230K 10		
37 810 14/24	24 "	
37 810 14/27	27 "	
37/810, 14/30	30 "	
37/810 14/35	35 "	
37 810 14 40	40 "	
37 810 14 45	45 "	
37 847 30	30 "	
37 848 32	32 "	
37 850 35	35 "	
37/852/30	30 "	
37/852/32	32 "	
37/852.35	35 "	
37 852 37	37 "	
37 852/40	40 "	

Size of babies Tamaño de las bebés	
37/360/33	33 cm
37/360/36	36 "
37/360/39	39 "
37/360/42	42 "
37/360.44	44 "
37/360/46	46 "
37/360/48	48 "
37/360/51	51 "
37 360/53	53 "
37,370/30	30 "
37/370/33	33 "
37 370/36	36 "
37/370/39	39 "
37/370/41	41 "
37/370/44	44 "
37/370/47	47 "
37/370/49	49 "
37/370/51	51 "
37,370W601/10/0	
37 370W601/9/0	
37/370W601/8/0	
37/370W601/7/0	
37/370W601/6/0	
37 370W601/5/0	
37,370W601/4/0	
37, 370W601/3/0	
37 370W601 2/0	
37/370W601/0, - 1, -/2,	
37 370W601 3, - 4, - 5,	
37/370W601/6, - 7, -/8	
37/370W636/10/0	
37,370W636/9.0	
37, 370W636/8/0	
37, 370W636/7/0	
37/370W636/6/0	
37 370W636/5/0	
37/370W636,4/0	
37/370W636/3 0	
37/370W636/2/0	
37/370W636/0, -/1, -/2,	
37/370W636/3, -/4, -/5,	
37/370W636/6, - 7, -/8	
37,371/34	24 cm
37/371 26	26 "
37/471/28	28 "
37 471 30	30 "
37 471 32	32 "
37 371 34	34 "
37/371/36	36 "
37/371/38	38 "
37/371,40	40 "
37 37 42	42 "
37/390/638,6,0	
37, 490/638/5/0	
37/390/638/4/0	
37/390638/3/0	
37 390,638/2/0	
37/390/638/0, -/1, -/2,	
37/390/638/3, -/4, -/5,	
37 390,638 6	
37/401	15 cm
37 401NP	15 "
37 401P	15 "
37/470/0	
37/470/1	
37 470/2	
37, 470/3	
37/470, 4	
37/471/25	25 "
37/471/30	30 "
37 471 35	35 "
37/471/40	40 "
37 471/45	45 "
37/471/50	50 "
37/471/55	55 "
37/471/60	60 "
37 471 65	65 "
37/471 70	70 "
37,471/75	75 "
37/471/80	80 "
37 471 90	90 "
37,605,8	8 "
37/605/9	9 "
37 605/10	10 "
37/605/11	11 "
37/605.12	12 "
37/605/13	13 "
37/605/14	14 "
37/605/15	15 "
37 605/16½	16 "
37/605/17	17 "
37/638/20	
37/638/22	
37/638/24	
37/638/26	
37 638/28	
37 638/30	
37/638/32	
37 638/34	
37 638/36	
37 638/38	
37/638,40	
37 638 42	
37/66 W/8, -/9,	
37/66 W/10, -/11,	
37,66 W/12, -/13,	
37/660W/14, -/15,	
37/660W/16½, -17	

Imitated leather dolls, double joint, with china-head, sleeping-eyes and hair-dress

Muñecas de cuero artificial, articulación doble, con cabeza de porcelana, ojos de dormir y tocado

Imitated leather dolls, plain joint, with china-head, sleeping-eyes and hair-dress

Muñecas de cuero artificial, articulación sencilla, con cabeza de porcelana, ojos de dormir y tocado

Head with breast of porcelain, with Bubi hair-dress, sleeping-eyes with eye-lashes

Cabeza con pecho de porcelana, con tocado Bubi, ojos de dormir con pestañas

Head with breast of porcelain, with curled periwig, sleeping-eyes with eye-lashes

Cabeza con pecho de porcelana, con peluca rizada, ojos de dormir con pestañas

Bodies of imitated leather, plain joint

Cuerpos de cuero artificial, articulación sencilla

Porcelain head with periwig of human hair and sleeping-eyes

Cabeza de porcelana con peluca de cabellos humanos y ojos de dormir

Dancing dolls with clockwork

Muñecas bailarinas con cuerda

Running bears on wheels, short-haired plush

Osos marchando sobre ruedas, felpa de pelo corto

Teddy bears with voice, short-haired plush

Osos Teddy con voz, felpa de pelo corto

Head with breast of celluloid with curled periwig and sleeping-eyes

Cabeza con pecho de celuloide con peluca rizada y ojos de dormir

Periwig of human hair

Peluca de cabellos humanos

Head with breast of celluloid with Page's hair-dress, sleeping-eyes with eye-lashes

Cabeza con pecho de celuloide con tocado de paje, ojos de dormir con pestañas

New-born babies wrapped in shawl, in basket, with voice

Bebés recien-nacidos envueltos en chal, en cestita, con voz

New-born babies wrapped in shawl, in basket with flower-decoration, with voice

Bebés recien-nacidos envueltos en chal, en cestita con decoración de flores, con voz

New-born babies (Mulattoes) wrapped in shawl, in basket, with voice

Bebés recien-nacidos (Mulatos) envueltos en chal, en cestita, con voz

New-born babies in carrying-pillow, with voice

Bebés recien-nacidos en cojnito, con voz

New-born babies in basket, with voice

Bebés recien-nacidos en cestita, con voz

New-born babies of paper-maché with china head, in swaddling clothes and in basket with flower-decoration

Bebés recien-nacidos de papel-maché con cabeza de porcelana, en mantillas y en cestita con décoración de flores

New-born baby in bed on wheels

Bebé recien-nacido en cama sobre ruedas

New-born babies in basket-carriage on wheels with patent pull-voice (weeping voice)

Bebés recien-nacidos en carro de mimbre sobre ruedas con voz de tirar patentada (voz de lloro)

New-born babies in basket-carriage on wheels with patent pull-voice (mama-voice)

Bebés recien-nacidos en carro de mimbre sobre ruedas con voz de tirar patentada (voz mama)

New-born babies in bed on wheels with patent pull-voice and calculating machine

Bebés recien-nacidos, en cama sobre ruedas con voz de tirar patentada y máquina de calcular

New-born babies in leading-rail on wheels, with calculating machine

Bebés recien-nacidos en carrejados de andar sobre ruedes, con máquina de calcular

New-born babies in leading-rail on wheels with patent pull-voice

Bebés recien-nacidos en carrejado de andar sobre ruedas con voz de tirar patentada

New-born babies in basket, with outfit (linen etc.) in basket

Bebés recien-nacidos con avío (ropa blanca etc.) en cesta

New-born babies in cardboard-box with balance and book

Bebés recien-nacidos en carton con balanza y libro

Indian with paper-maché head with painted eyes

Indiano con cabeza de papel-maché con ojos pintados

Articulated dolls in shirt, china head with sleeping-eyes and curled hair-dress

Muñecas articuladas en camisa cabeza de porcelana con ojos de dormir y tocado rizado

Baby porcelain heads with hair-dress, sleeping-eyes, voice in the head and sucker for pulling

Cabezas de porcelana de bebés con tocado, ojos de dormir, voz en la cabeza y chupador de tirar

Dressed felt dolls with cardboard head and hair-dress

Muñecas de fieltro vestidas, con cabeza de cartón y tocado

Finely dressed celluloid standing babies with hair-dress and sleeping-eyes

Bebés en pie de celuloide, finamente vestidos con tocado y ojos de dormir

Periwig of human hair

Peluca de cabellos humanos

Kollektion 37 Collection 37 - Colección 37

When placing an order, the Collection 37 specified at the head here should be always stated before the No. of the individual article in question
Dando la orden, es indispensable meter el numero de coleccion 37, dicado arriba, ante el número del respectivo articulo en cuestion

Aluminium-Spielwaren in blanker Ausführung in rot und blau überzogenen Glacé-Kartons. Spitzenkartons buntfarbig bedruckt — Aluminium toys in polished finish, in red and blue covered glacé cardboard boxes. Cardboard boxes with paper lace coloured printed — juguetes de aluminio pulidos, en cajitas de cartón cubiertas de rojo y de azul. Cajitas de cartón con encajes de papel imprimido de color

77 C1 ... cm

77/C14 20×20 cm

77/C10 ...×... cm

77 C1... ... cm

77 C1... ... cm

77 Alpor 1 | with cups of porcelain
77 Alpor 2 | con jicaras de porcelana
77 Alpor 3

77 C... ... cm

77 C11 Tray batea ø 17 cm

77 Alpor 2 ...×... cm

77 Alpor 1 ...×... cm

77 Alpor 3 ...×... cm

77 C5 ...×... cm

77 C... ...×... cm

77 D11 Tray batea ø ... cm

77 D... ...×... cm

77 D... ...×... cm

77 B6 | only on cards
77 B7 | solamente sobre tarjetas

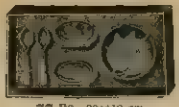
77 B... ...×... cm

77 B7 ...×... cm

77 B... ...×... cm

77 B... ...×... cm

77 B5 20×10 cm

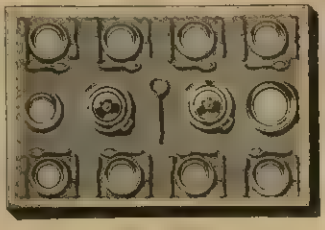


77 B8 20×10 cm

77 B... ...×... cm

77/B4 20×20 cm

77/B18 28×28 cm



77 B1... ...×... cm

77 B1 ...×... cm

Aeroplane-constructing-boxes in first class outfit

The boxes contain the best constructing material for aeroplanes. With this material every boy will be able to erect by himself really well flying types with the aid of an exact description

The numbers of the constructing-boxes correspond to the numbers of the articles represented on the side before

Cajas de construcción para aeroplanos en una dotación muy elegante

Las cajas de construcción contienen solamente material de la mejor calidad Con este material cualquier niño puede montar el mismo tipos de aeroplanos de realmente buen vuelo, con ayuda de una descripción exacta

Los números de las cajas de construcción corresponden con los números de los artículos ilustrados a la página anterior

128/B505 75×43 cm
128/B510 44×36 „
128 B515 55×38 „
128 B520 65×38 „
128/B530 65×38 „

128 B540

128/B535 76×40 cm
128/B538 75×40 „
128/B540 84×58 „
128 B550 84×53 „
128/B555 95×60 „

A really charming toy. This parachute reaches a height up to 32 meters. Article can by decorated very fairly and will be a good seller

Un juguete encantantador al aire libre. Este paracaidas llega á una altura hasta 32 metros. El articulo puede decorarse muy lindo y vendese de una manera brillante

Novelty — Novedad

REVOLO

11 Foreign Patents — 11 Patentes extrangeras

The Sky Tickler, a small sailing aeroplane flying very nicely, which is to be shot into the air by means of a catapult and will return to the ground in an elegant glide flight
Size 43×29 cm. Weight 35 grams

El Cosquillador de las Nubes. Un pequeño volador de velo con vuelo muy bonito, precipitado en el aire por medio de un catapulto y volviendo al suelo en vuelo resbalando elegante
Tamaño 43×29 cm. Peso 35 gramos

128 /502 60×35 cm

129/505

128/604 45×29 cm

REVOLO

das neuartige verblüffende Freiluftspiel und Sportgerät. Der Revolo-Rotor wird auf den Wurfstock gelegt und durch hiebartige Handhabung über dessen Ablaufbahn in sausende Umdrehungen versetzt. Durch die starke Rotierung hält sich der Rotor in der Luft und schwebt je nach Luftströmung bis die Umdrehungen nachlassen und kommt dann der Rotor zum Abwurfstand wieder zurück

128/601 35×33 cm

REVOLO

the novel startling open air play and sport implement. Place the Revolo rotor on the throwing staff and put it to whizzing revolutions by handling the staff in a switchlike manner, when the rotor will fly off the staff. Due to its strong rotation the rotor will keep in the air, soaring there until the revolutions diminish, according to the current of air, when it will return to its starting place

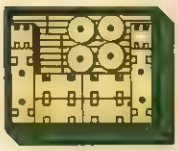
REVOLO

el nuevo y sorprendente juego al aire libre y aparato de deporte. Se coloca el rotor Revolo sobre la vara de tiro, y se le da rotaciones zumbantes por manejar la vara en manera de espada. Debido a la gran rotacion el rotor se mantendra en el aire, pasando allí segun la corriente de aire hasta que las rotaciones disminuyan, cuando el rotor volvera a su lugar de partida

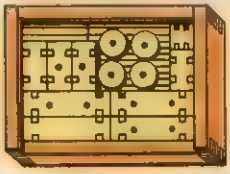
Free flying Butterflies with India Rubber impulse
Mariposas al vuelo libre con impulso por caucho

128/598 10×15 cm
Weight — peso 8 g

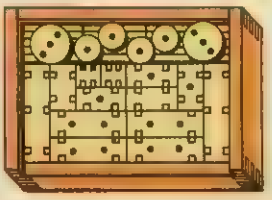
Model wooden building blocks
Modelo cajas de construcciones de madera



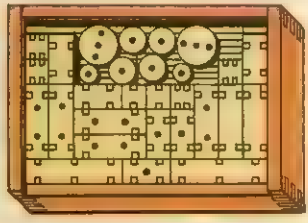
1
15×11¹/₄×2 cm



2
18¹/₂×14⅝×3 cm

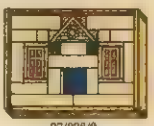


3
23¹/₂×16⁷/₈×3 cm



4
27×18×3 cm

Wooden building blocks - Holzbaukasten - Cajas de construcciones de madera

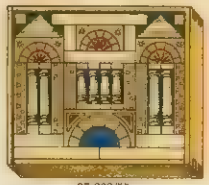

97/236/9
19½×14×5 cm

97/236/12
23×16×3 cm

97/236/17
23×18×3 cm

97/236/47
27×19×5 cm

97/236/55
27×23×6 cm

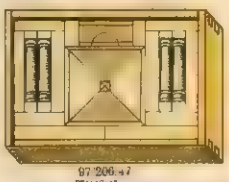

97/202/55
27×23×5 cm

97/202/47
27×18×6 cm

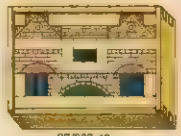
97/209/21
39×19½×3 cm

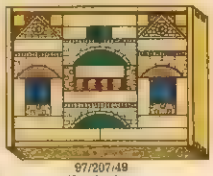
97/209/12
23×16×3 cm

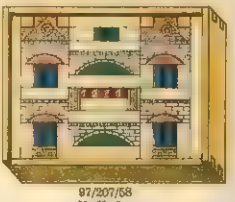
97/209/5
16×13½×3 cm

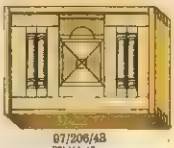

97/206/47
27×18×5 cm

97/207/40
19½×14×5 cm

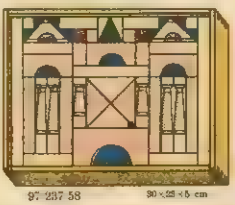

97/207/43
23×16×5 cm

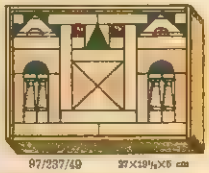

97/207/49
27×19½×6 cm

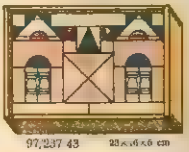

97/207/58
39×23×5 cm

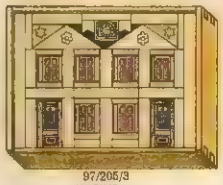

97/206/43
23×16×5 cm

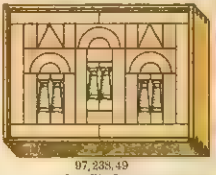
97/206/37
16×14×5 cm

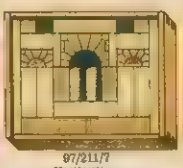

97/237/58
30×23×5 cm

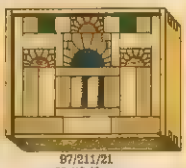

97/237/49
27×19½×6 cm

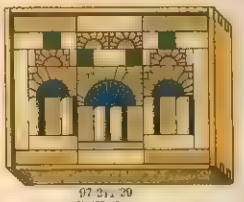

97/237/43
23×16×6 cm


97/205/3
23×21×5 cm

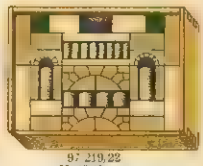

97/238/49
27×19½×5 cm

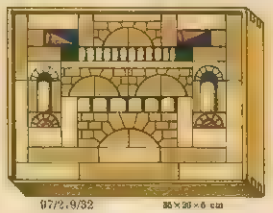

97/211/7
23×19×9½ cm

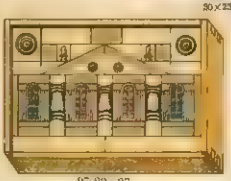

97/211/21
23×19×6 cm

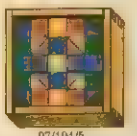

97/231/29
30×23×6 cm

97/234/22
26×19×6 cm

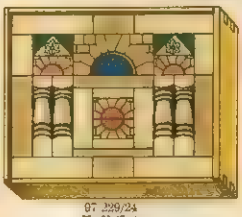

97/219/22
26×19×6 cm

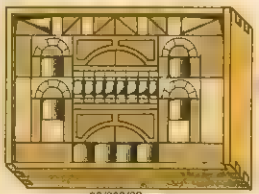

97/219/32
35×26×6 cm

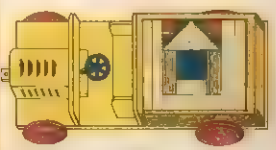

97/222/27
30×21×6 cm


97/194/5
14×14×8½ cm

97/221/32
35×26×6 cm


97/229/24
32×26×7 cm


97/233/22
32×23×6 cm


97/196/2
32×16×9 cm

2/468 35—46 cm

2/469 39 cm

2/470 34 cm

2/471 26—30 cm

2/472 16—23 cm

2/473 22 cm

2/474 16 cm
mit Stimme - w. voice
con voz

2/475 16 cm

2/476 25 cm
beweglich - moving - movible

2/477 14—32 cm

2/478 17 cm

2/479 21 cm

2/480 18—28 cm

2/481 12 cm

mit Stimme with voice con voz

2/482 15—23 cm

2/483 17—24 cm

2/484 24—37 cm

2/485 30—35 cm

2/486 20—45 cm

2/487 31—42 cm

mit Stimme — with voice — con voz

2/488 25 cm
mit Uhrwerk — with clockwork — con resorte

2/489 16 cm

2/490 21 cm

2/491 24 cm
feuerspeiend - Fire casting
Echando fuego

2/492 18 cm

2/493 19 cm
hüpfend, bewegliches Maul mit Stimme — jumping, mov mouth with voice
saltеando Boca mov. con voz

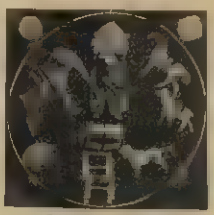
2/494 21 cm

2/495 21 cm

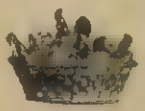
2/496 25 cm

2/497 26—35 cm

2/498 31—62 cm



2/499 38—50 cm □



2/508 20 cm
Kegelspiel — Set of skittles
Juego de bolos

2/500 14—19 cm

2/501 14—19 cm

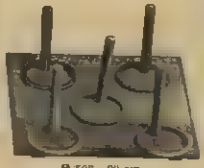
2/502 28 cm
Kegelspiel — Set of skittles
Juego de bolos

2/503 29 cm
Kegelspiel Set of skittles Juego de bolos

2/504 34 cm ø

2/505 30 cm

2/506 58 cm



2/507 20 cm

2/430 19 cm
2/431 30 cm
2/432 35 cm
2/433 23—35 cm
2/434 23—40 cm
2/435 35 cm
2/436 59 cm
2/437 81 cm
mit Stimme — with voice — con voz
2/438 37 cm mit Musik
2/439 28 cm with music — con música
2/440 36 cm
2/441 35 cm
2/442 28—38 cm
2/443 27—39 cm
2/444 40 cm
2/445 47 cm
2/446 25 cm
2/447 32 cm
2/448 36 cm mit Musik — with music
2/449 38 cm con música
2/450 28—62 cm
Toy assortments — Surtidos de juguetes
2/451 20 cm
2/452 50 cm mit Stimme with voice con voz
2/455 20 cm
2/456/0 3 doz. ass.
2/456/1 2 doc. surt.
2/456/2 2 „ „
2/456/3 1 doz ass.
2/456/4 1 doc. surt.
2/456/6 1 „ „
2/457 1 3 4 5 sheets 2 3 4 5 mit Stimmen with voices · con voces
2/458 15—26 cm mit Stimme with voice — con voz
mit Musik - with music — con música
2/463 15 cm
2/464 15 cm
2/465 20 cm
2/459 23 cm mit Musik — with music con música
2/460 27—39 cm
2/461 41—66 cm mit Mamastimme — with mama-voice con voz de la mamá
2/462 55 cm
2/466 26 cm
2/467 30 cm mit Uhrwerk with clockwork con resorte

Indian bows for children

Juego de arco y flechas para niños

Length-Largo		Length-Largo	
8/300/2	100 cm	8/301/0	80 cm
8/300/3	125 „	8/301/1	75 „
8/300/4	150 „	8/301/2	90 „

Length-Largo	
8/301/3	125 cm
8/301/4	150 „
8/302/1	90 „
8/302/2	110 „
8/302/3	135 „

Arrows
for Indian bows
Flechas para el juego de arco

Length-Largo	
8/310/0	40 cm
8/310/2	52 „
8/310/3 [illegible]	52 cm

for sport-bows
para arcos de sport

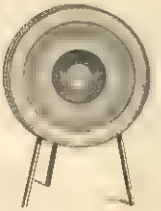
8/310/4	66 cm
8/310/5	73 „

Diameter-Diametro	
8/312/50	50 cm
8/312/75	75 „
8/312/100	100 „
8/312/125	125 „

Stands for straw-targets
Pié para blancos de paja
8/318 height-altura 180 cm

Straw-targets for Indian-bows.

Blancos de paja para juego de arco



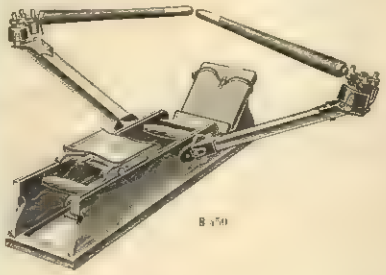
Sport-bows **Juego de arcos para adultos**

Length	8/306/1	2	3
Largo	150	165	180 cm

8/314

Rowing apparatus with sliding seat, portable,
weight 8 kg, whole length 190 cm

Aparato de remar con asiento corredero desmontable
el peso 8 kg, largo total 190 cm

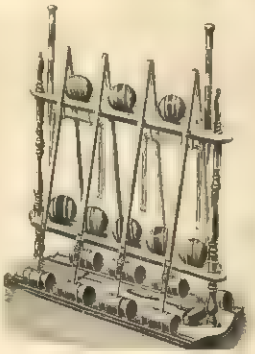


8/350

Croquets in strong wooden boxes containing 4, 6 or 8 balls and mallets, 2 posts and 10 hoops. (Nr. 360 only [illegible]). The mallets [illegible] of the number of balls with 4, 6 or 8 balls or mallets.

Croquets entregados en cajas fuertes de madera. Estas contienen 4, 6, o 8 bochas y martillos, 2 postes y 10 aros. Solamente el No. 360 contiene 6 aros. Los martillos [illegible] según el número de bochas con 4, 6 y 8 jugadores

	Length of mallet Largo del martillo cm	Diameter of balls Diámetro de las bochas mm
raw wood no lustrado		
8/360/4	85	60
8/360/6	85	70
8/360/8	85	90
polished wood lustrado		
8/361/4	85	60
8/361/6	85	70
8/361/8	85	90
8/361/10	85	110



Lawn Tennis Rackets

Raquetas de Tennis

All rackets can be delivered with stringing especially prepared for the tropical climate.

If desired further particulars or special catalogues will be sent

Weight demanded for rackets to be given on orders.

Todos las raquetas son entregables con cuerdas preparadas especialmente para el clima de los países tropicos.

Si así lo desea, dará a Ud. detalles.

Los pesos deseados de las raquetas han de ser indicados en los pedidos.

Juvenile rackets
Raquetas para Niños

8/[illegible]	Training
8/[illegible]	Youths
8/[illegible]	Ideal

Medium quality
De calidad fino mediano

8/[illegible]	[illegible]
8/[illegible]	[illegible]

Exercise bats
Raquetas buenas para practicar

8/540	„Pilot
8/550	„Perfect

Superior Sport-rackets
Raquetas para concurso

8/[illegible]	„Champion
8/[illegible]	„Rothner Special
8/[illegible]	„Roma Tourner
8/[illegible]	„Blitz
8/[illegible]	„Roma Tournier Meisterklasse"
8/[illegible]	„Blitz Tournier Meisterklasse"

8/540

8/[illegible]7

8/516/3

Tennis racket-presses

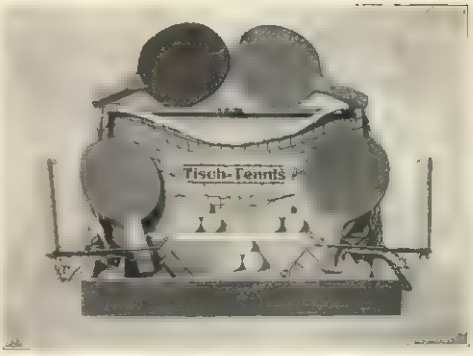
Prensas para raquetas

8/583/1 8/583/3

Table tennis

Complete sets packed in box containing 2 bats, 1 pair of posts, 1 net and ping-pong balls:

8/587/0 with 2 wooden bats, 1 net 172 cm long and 2 balls
8/587/1 same as size —/0 but with 6 balls.
8/587/3 containing 2 larger wooden bats 2 adjustable posts, 1 net 183 cm long and 6 balls
8/587/4 same as size —/3 but with 2 bats with cork on both sides
8/587/5 same as size —/3 but with 2 bats with rubber and cork lining
8/587/6 same as size —/3 but with 2 bats with rubber on both sides.
8/588 in polished wooden box 4 rackets with rubber and cork-lining, 2 adjustable posts, 1 net 183 cm long and 12 celluloid balls

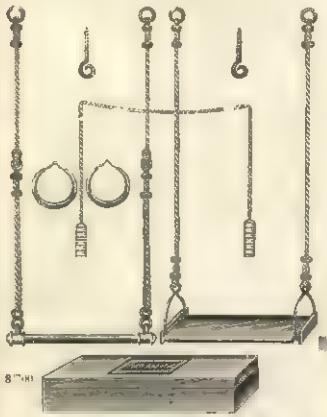


Tennis de mesa

En cajas de cartón conteniendo dos raquetas, un par de postes, una red y pelotas de celuloide

8/587/0 con raquetas de madera, red 11 m de largo y 2 pelotas
8/587/1 como No. 0 pero 6 pelotas
8/587/3 con raquetas de madera postes ajustables, red 183 cm. de largo y 6 pelotas.
8/587/4 mismo como /3 pero raquetas con capas de corcho
8/587/5 mismo como /3 pero raquetas con capas de goma y corcho
8/587/6 mismo como /3 pero raquetas con 2 capas de goma.
8/588 en caja de madera pulida, cerradera, 4 raquetas con capa de goma y corcho, 2 postes ajustables, 1 red 183 cm de largo y 12 pelotas.

Complete Gymnastic Sets. Aparatos para Gimnasia.



8/7580

In wooden boxes containing 1 pair of aloe-hemp ropes, 2 m. long and 11 mm Ø, with 4 iron clasps, 1 pair of iron rings leather covered, 1 pair of aloe-hemp ropes extra, with stirrups and 1 swing board, 1 jumping rope and screw hooks.

En caja de madera compuesto de: 1 par cuerdas de cáñamo de 2 m de largo, 11 mm de grueso con ganchos de hierro para convertirlas en argollas para columpiar cubierto de cuero y barra de trapecio, un segundo par de cuerdas, asiento, 1 par estribos, una cuerda para saltar y un par de tornillos.

Gymnastic sets without boxes
Juegos de trapécio sin caja

8/705/1	with patent clasps	140 cm
8/705/2	con lazos	160 „
8/706	with ½ scissor hooks	160 „
8/706/2	con ganchos semitijera	200 „

8/705 composed of rings with leather cover, trapeze bar and swing board

compuesto de argollas, una barra de trapécio y uno asiento, argollas cubiertas de cuero

Gymnastic sets with pendant swings
Juegos de trapécio con columpios

Length of swing
Largo de la columpa

8/706/0	50 cm
8/706/1	70 „
8/706/2	90 „

Gymnastic rings
Aparatos de argollas

	diameter of rings diámetro de las argollas	length largo
8/710/1	13 cm	150 cm
8/710/2	14 „	200 „
8/710/8	16 „	200 „
8/710/9	16 „	260 „

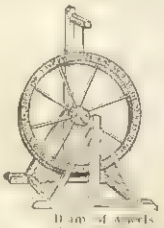
Brush stands
Estantes para escobas

Height - altura
8/951 77 cm

Ball targets without balls
Juegos al blanco sin pelotas

8/942	77 × 56 cm	8/943/1
8/942/1	78 × 56 „	56 × 37 cm.

Wheels of Fortune
Ruedas de Buenaventura



	Diam. of wheels Diam. de las ruedas
8/930	15 cm
8/930/1	„
8/930/2	„
8/930/2	„
8/930/3	„
8/930/4	„
8/930/5	„
8/930/6	„

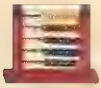
Ring quoits
Blancos

8/1940/0	30 × 30 cm.
8/1940/1	32 × 25 „
8/1941/1	35 × 30 „
8/1962	47 × 35 „

Childrens rackets.
Raquetas para juego de volante.

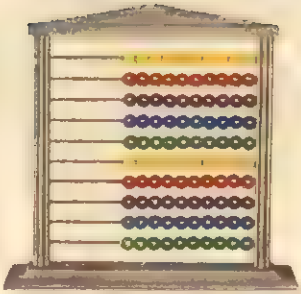
Length-largo

		Length-largo
8/920/1	40 cm.	8/921/1 50 cm.
8/920/2	44 „	8/921/2 53 „
8/920/5	50 „	



179.27012

179.27001



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179.27038

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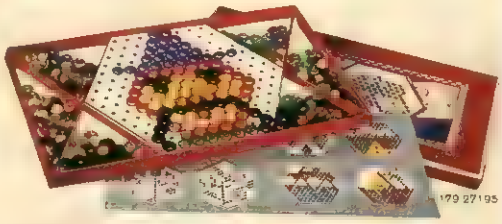
179.27054

179.27238

179.27106



179.27195

179.27325

179.27274

179.27309

179.27058

50/202
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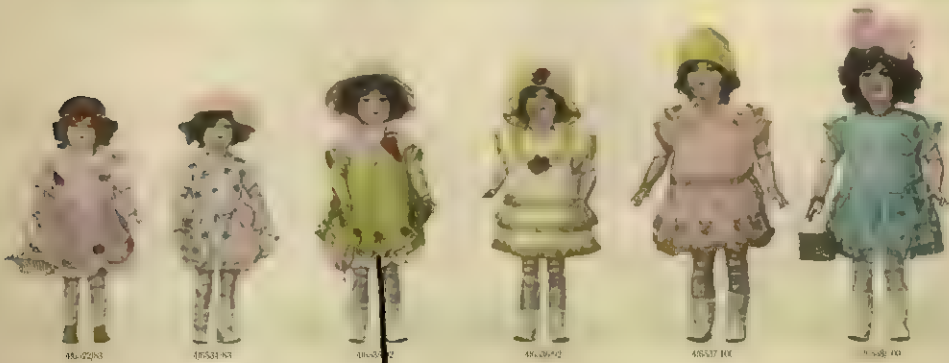
50/202
KAUFHAUS

Haupfkatalog mit Serienpreisen zu Diensten — General catalogue on demand — Se pida el catálogo completo

Doppelgelenkpuppen mit Porzellanköpfen, Handgelenk, beste Ausführung in feinster Kleidung

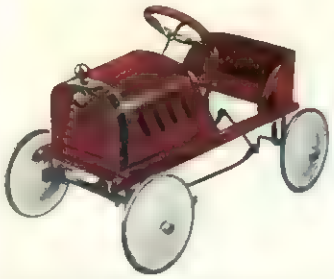
Double jointed dolls with china heads, wrist jointed, peerless finish and clothed

Maniquis con doble articulacion, cabeza de porcelana articulacion de puño, ejecucion superior, y vestidos inmejorablemente



Cebaso-Kinderautomobile sind die vollkommensten Kinderautos.

Children's Motor Cars — Automóviles para niños.



No. 10.1691½ Farbe rot, Räder elfenbein. Karosserie aus Blech. Länge 89 cm, Räder 25 cm, Gewicht: 10,75 kg

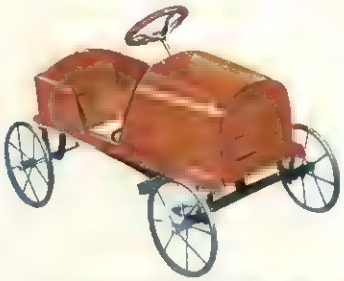
No. 10/1691½ Colour red, disc wheels ivory. Hood and seat made of metal. Length 89 cm, Wheels 25 cm, Weight 10,75 kg

No. 10/1691½ Color rojo, ruedas marfil. Carrocería de plastro. Largo 89 cms, ruedas 25 cms, peso 10,75 kos.

No. 10/1671½ Farbe seegrün Räder dunkelgrün Karosserie mit breiter Tür Länge 93 cm, Räder 25 cm, Gewicht: 12 kg.

No. 10.1671½ Colour light green wheels dark green Body with one wide door. Length 93 cm, Wheels 25 cm, Weight 12 kg

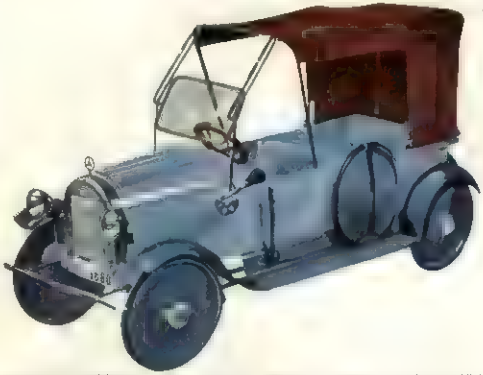
No. 10.1671½ Color verde mar, ruedas verde oscuro. Carrocería con ancha puerta, guarda-barros. Largo: 93 cms, ruedas: 25 cms, peso: 12 kos.



Cebaso-Bubi Automobil. Farbe: orange, Speichenräder elfbein. Haube aus Blech, Sitz aus Holz. Dieses Automobil ist auch mit Scheibenrädern (25 cm) lieferbar. Länge: 87 cm, Räder 24 cm Gewicht 9,4 kg

Cebaso-Bubi-Automobile. Colour orange, spoke-wheels light blue. Hood of metal, seat of wood. This automobile can be also equipped with disc wheels (25 cm). Length: 87 cm, Wheels 24 cm, Weight: 9,4 kg.

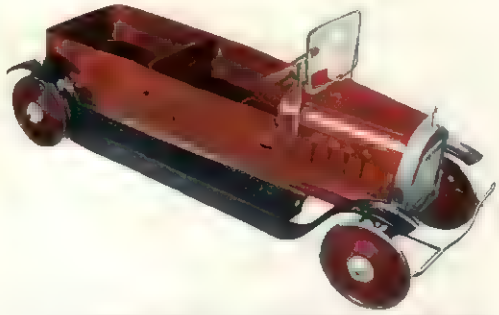
Automóvil Cebaso Bubi. Color naranja, ruedas de rayos azul-hielo, capóte palastro, asiento de madera. Este automóvil también se suministra con ruedas de disco (25 cms). Largo 87 cms, ruedas: 24 cms. peso 9,4 kos.



No. 10.1724 C **Zweisitzerautomobil.** 2 elektrische Scheinwerfer und Schlußlicht, Schutzbleche und Trittbretter, Windschutzscheibe, Hupe, mit starkem Filz überzogene Sitze, verstellbare Rückenlehne, vernickelte Schutzstange, rubinmetallklappbares Verdeck, **Bremse,** Ersatzrad, Gepäckhalter, Nummernschilder. Farbe: hellblau, dunkelblaue Schutzbleche, Länge: 171 cm, Räder: 35 cm, Gew. 43,5 kg

No. 10.1724 C **Automobile for two children.** Two electric headlights and taillight, fenders, adjustable windshield horn, seats covered with strong felt, adjustable back, nickel-plated bumper, nickel-plated radiator collapsable top, **brake,** spare wheel, luggage carrier, license plates. Colour: light blue, dark blue fenders and wheels, Length 171 cm, Wheels 35 cm, Weight 43,5 kg

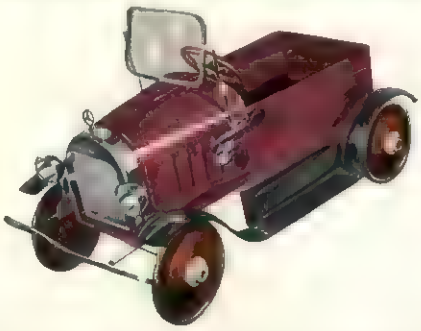
No. 10,1724 C **Automóvil de dos asientos.** 2 proyectores eléctricos y faro trasero, guarda-barros y escalones de estribo, vidrio cortaviento, bocina, asientos cubiertos de fuerte fieltro, respaldo graduable, barra protectora niquelada, toldo plegadizo, **freno,** rueda de repuesto, porta-equipajes, Placas de numero. Color azul claro, guarda-barros azul oscuro, Largo 171 cms, ruedas 35 cms, peso 43,5 kos.



No. 10/1723½ **Zweisitzerautomobil.** Schutzbleche und Trittbretter Windschutzscheibe, Hupe, mit starkem Filz überzogene Sitze, vernickelte Schutzstange, Nickelkühler Farbe rot, schwarze Schutzbleche, Länge 150 cm, Räder: 25 cm, Gewicht: 26 kg

No. 10/1723½ **Automobile for two children.** Fenders, adjustable windshield, horn, seats covered with strong felt, nickel-plated bumper, nickel-plated radiator Colour: red, black fenders Length: 150 cm Wheels: 25 cm, Weight 26 kg

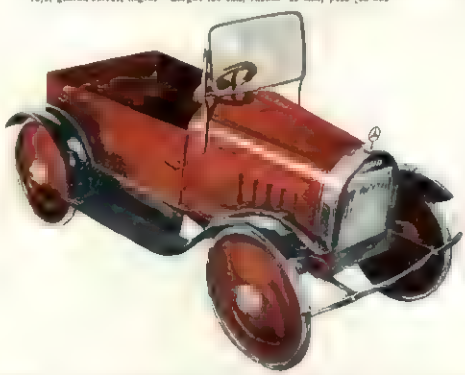
No. 10/1723½ **Automóvil de dos asientos.** Guarda-barros y escalones del estribo, vidrio cortaviento, bocina, asientos cubiertos de recio fieltro, barra protectora niquelada, radiator del niquel. Color rojo, guarda-barros, negros Largo: 150 cms, ruedas 25 cms, peso 26 kos



Cebaso-Standard 6 L l. 2 elektrische Scheinwerfer, Schutzbleche und Trittbretter, Windschutzscheibe, Hupe, mit starkem Filz überzogener Sitz, verstellbare Rückenlehne, vernickelte Schutzstange, Nickelkühler Farbe weinrot, schwarze Schutzbleche, Länge 118 cm, Räder 25½ cm, Gewicht 21 kg

Cebaso-Standard 6 L l. Two electric headlights, fenders, adjustable windshield horn, seat, covered with strong felt, adjustable back, nickel-plated bumper, nickel-plated radiator Colour red, black fenders. Length: 118 cm, Wheels: 25½ cm, Weight: 21 kg.

Cebaso Standard 6 L l. 2 proyectores eléctricos guarda-barros y escalones del estribo, vidrio cortaviento, bocina, asiento cubierto de fuerte fieltro, respaldo graduable, barra protectora niquelada, radiador del niquel Color rojo, guarda-barros negros, Largo 118 cms, ruedas 25½ cms, peso 21 kos.



Cebaso-Standard S. Schutzbleche und Trittbretter, Hupe, Windschutzscheibe, mit starkem Filz überzogener Sitz, verstellbare Rückenlehne, vernickelte Schutzstange und Nickelkühler Farbe rot, schwarze Schutzbleche, Länge: 132 cm, Räder 35 cm, Gewicht 29 kg

Cebaso-Standard S. Fenders, adjustable windshield, horn, seat covered with strong felt, adjustable back, nickel-plated bumper, nickel-plated radiator Colour: red, black fenders, Length 132 cm, Wheels 35 cm, Weight 29 kg

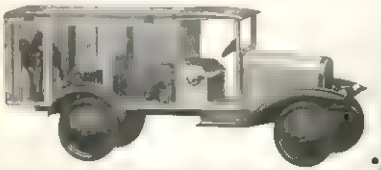
Cebaso-Standard S. Guarda-barros y escalones del estribo, vidrio cortaviento, asientos cubiertos de recio fieltro, respaldo graduable, barra protectora niquelada, radiador de niquel Color rojo, guarda-barros negros. Largo: 132 cms, ruedas 35 cms, peso: 29½ kos.

Spiel-Automobile Serie 2400

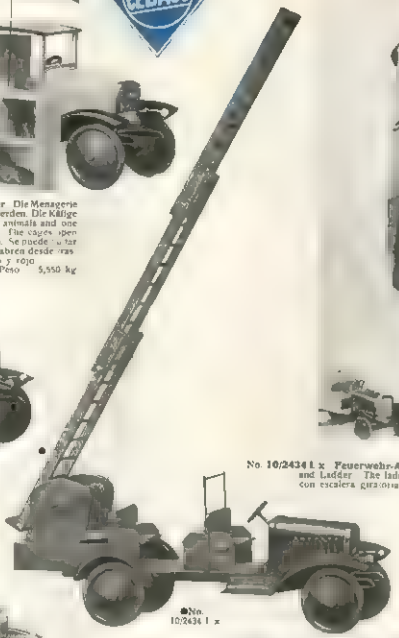
Pull Automobiles Line No. 2400

Automóviles-juguetes Serie 2400

No. 10/2408 L x Menagerie-Automobil, mit 6 Tieren und einem Wärter. Die Menagerie kann von dem Automobil heruntergenommen und auf den Boden aufgestellt werden. Die Käfige werden von hinten geöffnet. — Menagerie Automobile, equipped with 6 animals and one trainer. The menagerie is removable and may be spread out on the floor. The cages open from the rear. — Automóvil para casa de fieras, con 6 animales y un guarda. Se puede sacar la casa de fieras del automóvil y colocarla en el suelo. Las rejas se las abren desde atrás.
Farbe weiß und rot Finish white and red Color blanco y rojo
Länge Length Largo 61 cm Gewicht Weight Peso 5,550 kg

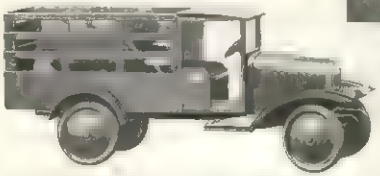


No. 10/2407 L x Menagerie-Automobil, mit 5 Tieren und einem Wärter. Die Tiere können durch Oeffnen des Daches herausgenommen werden. — Menagerie Automobile, equipped with 5 animals and one trainer. The animals may be removed by opening the roof. — Automóvil para casa de fieras, con 5 animales y un guarda. Se pueden quitar los animales abriendo el techo.
Farbe weiß und rot Finish white and red Color blanco y rojo
Länge — Length Largo 62 cm Gewicht — Weight Peso 4,770 kg



No. 10/2434 L x

No. 10/2434 L x Feuerwehr-Automobil, mit drehbarer und verstellbarer Leiter — Hook and Ladder. The ladder can be turned to all directions. — Automóvil de bomberos, con escalera giratoria y graduable
Farbe rot — Finish red, with red lamps Color rojo
Länge 67 cm, Länge der Leiter 108 cm
Length 67 cm, Height of ladder 108 cm
Largo 67 cm — Largo de la escalera 108 cm
Gewicht Weight Peso 4,100 kg

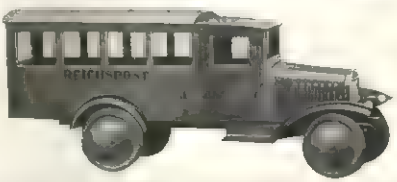


No. 10/2409 L x Vieh-Automobil, mit einer Fi ch beladen. Butcher's Truck, loaded with one cow. Automóvil de ganado, cargado de una vaca de fierro
Farbe rot. Dach schwarz emailliert Finish red, black enameled roof — Color rojo, techo esmaltado de negro
Länge — Length — Largo 62 cm Gewicht — Weight — Peso 4,180 kg

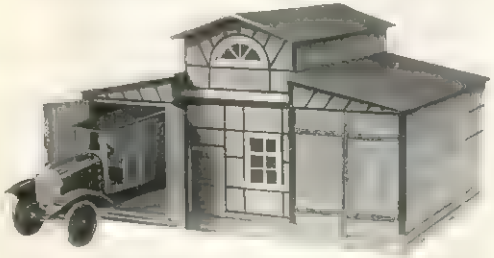
No. 10/2425 L x Correo – Argentinische Post. – Mail argentine. — Correo argentino
Farbe blau-weiß-blau Finish: blue-white-blue — Color: azul-blanco-azul
Aufschrift Lettered — con letrero Correo
Länge Length - Largo 68,5 cm Gewicht Weight - Peso 5,350 kg

No. 10/2425 L x

No. 10/2436 L x Benzin-Auto, mit Aufschrift Benzin – Benzol. Tank aus starkem Blech, mit 2 Ablaßhähnen und 12 bronz Kannen. — Gasoline Truck, lettered „Gasoline". Tank of strong tin, with two flowing cocks and twelve gasoline cans. — Automóvil para bencina, con letrero „Bencina – Benzol". Tanque de hierro galastro, con 2 espitas y 12 jarros broncedados
Farbe Tank, Kühler und Räder rot, Karosserie gelb Finish: Tank, hood and wheels red, body yellow
Tanque, radiador y ruedas rojo, Carrocería amarillo
Länge Length Largo 72 cm Gewicht Weight Peso 4,700 kg



No. 10/2431 L x Post-Omnibus, geschlossen. Aufschrift „Reichspost". — Mail Bus, with roof. Lettered as desired and finished as desired. — Omnibus de correo, cerrado. Letrero „Correo del Imperio". Farbe, gelb, schwarz emailliertes Dach — Finish yellow, black enameled roof — Color: amarillo, techo esmaltado de negro
Länge — Length — Largo 67 cm Gewicht Weight Peso 4,850 kg



No. 10/2398 Dreietlige Garage, passend für drei Automobile der Serie 2400. Fein gemalt und lackiert. — Garage for three automobiles of line 2400. Nicely colored and varnished. — Garaje de 3 partes, propio para tres automóviles de la serie 2400. *Finamente pintado y barnizado.*
Länge — Length — Largo 70 cm Höhe — Height — Altura 56 cm Gewicht — Weight — Peso 16,400 kg

No. 10/2432 L x Verkehrs-Automobil, drei Achsen, zwei Türen mit Aufschrift „Gesellschaftsausflüge". — Sightseeing Bus, three axles, two doors, lettered as desired. — Automóvil de tráfico, tres ejes, dos puertas, con letrero „Excursiones de sociedad"
Farbe, eisblau und weiß — Finish: lightblue and white — Color: azul-hielo y blanco.
Länge — Length — Largo 82 cm Gewicht — Weight — Peso 5,850 kg

Cebaso-Kinderautomobile

sind die vollkommensten Kinderautos.

Children's Motor Cars — Automóviles para niños

No. 10/1681 **Kippautomobil.** Der Kasten öffnet sich beim Kippen automatisch. Extra starke Gummireifen. Farbe: dunkelrot. Kasten schwarz emailliert. Länge: 130 cm, Räder 25 cm, Gewicht 18,5 kg

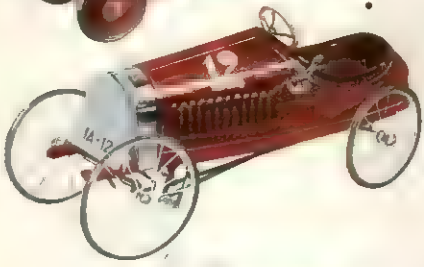
No. 10/1681 **Dump Truck.** The box opens automatically when operated. Especially strong rubber tires. Colour: red, black enameled box. Length 130 cm, Wheels 25 cm, Weight 18,5 cm

No. 10/1681 **Automóvil volcador.** Al volcar la caja se abre automáticamente. Bandas de caucho extraordinariamente fuertes. Color: rojo oscuro. Caja barnizada de color negro. Largo 130 cms, ruedas 25 cms, peso 18,5 kg

No. 10/1683 **Rennautomobil.** Karosserie aus Holz. Extra starke Gummireifen. Farbe: rot. Länge 140 cm, Räder 25 cm, Gewicht 16,5 kg

No. 10/1683 **Racing Car.** Body made of wood. Especial y strong rubber tires. Colour: red. Length 140 cm, Wheels 25 cm, Weight 16,5 kg

No. 10/1683 **Automóvil de carrera.** De madera. Bandas de caucho extraordinariamente fuertes. Color: rojo. Largo 140 cms, ruedas 25 cms, peso 16,5 kos.



No. 10/1687 **Getreues Modell eines Rennwagens.** Bremse, Sitz mit starkem Filz überzogen, verstellbare Rückenlehne, Kühlerschutzstern, Tangent-Speichenräder mit Hohlgummireifen. Farbe: rot, weiße Räder. Länge 172 cm, Räder 42 cm, Gewicht 26 kg

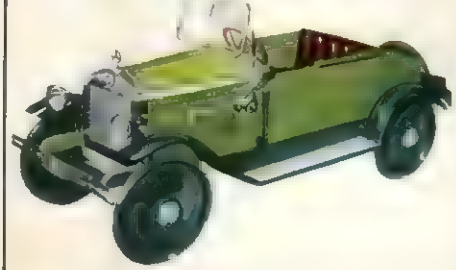
No. 10/1687 **Racing Car.** Correct model of a racing automobile. Brake, seat covered with strong felt, adjustable back, horn, tangent spoke wheels with roshlon rubber tires. Colour: red, white wheels. Length 172 cm, Wheels 42 cm, Weight 26 kg

No. 10/1687 **Modelo fiel de un coche de carreras. Freno,** asiento cubierto de recio fieltro, respaldo graduable, red protectora del radiador, ruedas de rayos tangenciales. Bandas de caucho huecas. Color: rojo, ruedas blancas. Largo 172 cms, ruedas 42 cm. peso 29 kos

No. 10/1675 **Sportmodell mit Kettenantrieb.** 2 elektrische Scheinwerfer und Schlußlicht, Schutzbleche und Trittbretter, Windschutzscheibe, Richtungsanzeiger, Hupe, gepolsterter Sitz und Rückenlehne, verstellbarer Sitz, vernickelte starke Schutzstange, Bremse, Ersatzrad, Nummernschild. Farbe: hellbraun, dunkelbraune Schutzbleche. Länge 171 cm. Räder: 35 cm, Gewicht: 40 kg

No. 10/1675 **Roadster, chain driven.** Two electric headlights and taillight, fenders, adjustable windshield, horn, upholstered seat and back, adjustable seat, nickel-plated strong bumper, nickel-plated radiator, brake, spare wheel, licence plate. Colour: light brown, dark brown fenders and wheels. Length 171 cm, Wheels 35 cm, Weight 40 kg

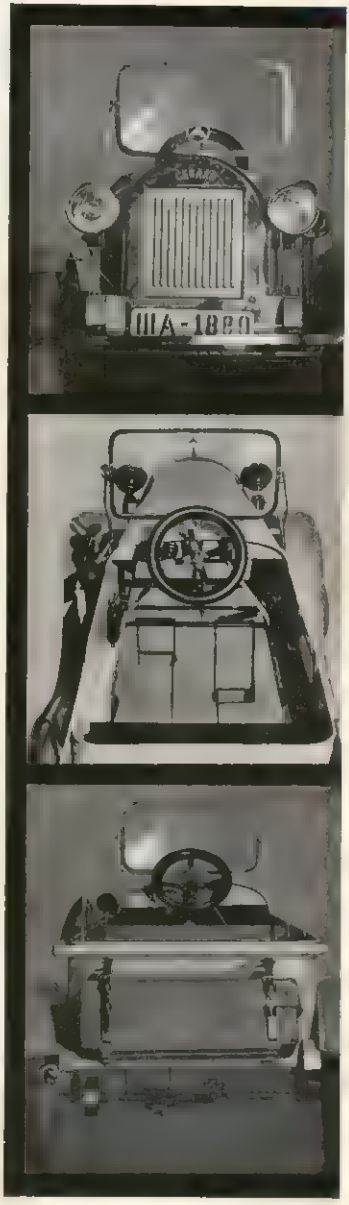
No. 10/1675 **Modelo de deportecon impulsión por cadena.** 2 proyectores eléctricos y faro trasero, guarda-barros y escalones de estribo, vidrio corta-viento, indicador de dirección, bocina asiento y respaldo acolchados, asiento graduable, barra protectora fuerte, niquelada, **freno,** rueda de repuesto, placa de número. Color: moreno claro, guarda barros moreno oscuro. Largo 171 cms, ruedas 35 cms peso 40 kos



No. 10/1685 **Sportmodell mit Zweigganggetriebe und Leerlauf.** 2 Übersetzungen und Freilauf, die durch eine neuen richtigen Automobil ähnliche Vorrichtung geschaltet werden. 2 elektrische Scheinwerfer und Schlußlicht, Schutzbleche und Trittbretter, Windschutzscheibe, Rückspiegel, Scheibenwischer, Richtungsanzeiger, Hupe, gepolsterter Sitz und Rückenlehne, verstellbarer Sitz, vernickelte, doppelte Schutzstange vorne und hinten, Bremse, Ersatzrad, Nummernschilder. Farbe: Seegrün, dunkelgrüne Schutzbleche. Länge 165 cm, Räder 35 cm, Gewicht 44,5 kg

No. 10/1685 **Roadster with two gears and neutral gear.** Two gears and neutral gear which are handled similar to a gear-shift of a big automobile. Two electric headlights, taillight, fenders, adjustable windshield, horn, upholstered seat and back, adjustable seat, nickel-plated, double bumpers in front and rear, nickel plated radiator, brake, spare wheel, license plate, mirror, shield-wiper. Colour: light green, dark green fenders and wheels. Length 171 cm, Wheels 35 cm, Weight 44,5 kg

No. 10/1685 **Modelo de deporte con caja de dos velocidades y marcha en vacío.** 2 transmisiones y mecanismo para rueda libre, tal que se embragan y desembragan por un dispositivo semejante al de un automóvil grande. 2 proyectores eléctricos y faro trasero, guarda-barros y escalones de estribo, vidrio corta-viento, espejo reflector, limpiador de vidrieras, indicador de dirección, bocina asiento y respaldo acolchados, asiento graduable, doble barra protectora niqueladas por delante y atras-freno, rueda de repuesto, placas de número. Color: verde-mar, guarda-barros: verde oscuro. Largo: 165 cms, ruedas 35 cms, peso: 44,5 kos



CEBASO Bubiräder

Pedal Bikes
Cicletas para Muchachuelos

Unsere Bubiräder

sind ausgestattet mit: Vernickelter Lenkstange, Gummipedalen, hochfein lackierten Sitzen aus bestem Buchenholz, Klingel, farbig lackierten Scheibenrädern resp. Speichenrädern, Gummireifen, farbig lackierten Eisenteilen, verstellbarer Rückenlehne

Our Pedal Bikes are furnished with: Nickel-plated handle bars, rubber-pedals, highly varnished seats of selected beech wood, bell, enameled disc wheels, or spoke wheels, rubber tires, enameled iron-rods, adjustable back.

Guarnición: Guías niqueladas, pedales de caucho, asientos finamente barnizados de la mejor madera de haya, munida de timbre, ruedas de disco barnizadas de color resp ruedas de rayos, bandajes de caucho, guarnición de hierro barnizado, respaldo cambiar.

Wichtige Neuheit:

Sitz auf Federn, die ein angenehmes, stoßfreies Fahren ermöglichen.

Important Novelty:

Seat on springs making possible a pleasing, smooth motion.

Importante Novedad:

Asiento con muelles traseros haciendo posible una marcha agradable sin choques.

Länge der Sitzbretter 51 cm
Length of the seats 51 cm — Longitud de los asientos 51 cm

440½
442½
441½

3 Größen — 3 sizes — 3 tamaños

	No. 10/440½	10/442½	10/441½
Sitzhöhe — Height to seat board — Altura del asiento	30	35	40 cm
Lenkrad — Front-wheel — Rueda delantera	24	24	34 „
Hinterräder — Rear-wheels — Ruedas traseras	15	18	24 „
Nettogewicht — Netweight — Peso neto	5,300	6,150	7,950 kg

481½

	No. 10/481½
Sitzhöhe — Height to seat board — Altura del asiento	36 cm
Lenkrad — Front-wheel — Rueda delantera	26 „
Hinterräder — Rear-wheels — Ruedas traseras	20 „
Nettogewicht — Netweight — Peso neto	6,150 kg

Neuheit: Novelty:

Cebaso-Körbchen Cebaso-basket

Novedad:

Cebaso cesto

420½, 422½, 421½

3 Größen — 3 sizes — 3 tamaños

	No. 10/420½	10/422½	10/421½
Sitzhöhe — Height to seat board — Altura del asiento	30	35	40 cm
Lenkrad — Front-wheel — Rueda delantera	24	24	34 „
Hinterräder — Rear-wheels — Ruedas traseras	15	18	24 „
Nettogewicht — Netweight — Peso neto	5,400	6,000	7,750 kg

Verstellbarer Sitz

Adjustable seat — Asiento regulable

430½, 432½, 431½

3 Größen — 3 sizes — 3 tamaños

	No. 10/430½	10/432½	10/431½
Sitzhöhe — Height to seat board — Altura del asiento	32	37	42 cm
Lenkrad — Front-wheel — Rueda delantera	24	24	34 „
Hinterräder — Rear-wheels — Ruedas traseras	15	18	24 „
Nettogewicht — Netweight — Peso neto	5,800	6,650	8,600 kg

Bubiräder ohne Federung

Pedal Bikes without springs
Cicletas para muchachuelos sin muelles

400½
401½

2 Größen — 2 sizes — 2 tamaños

	No	10/400½	10/401½
Sitzhöhe — Height to seat board — Altura del asiento		32	36
Lenkrad — Front-wheel — Rueda delantera		25	25
Hinterräder — Rear-wheels — Ruedas traseras		15	18
Nettogewicht — Netweight — Peso neto		5,150	6,000 kg

491½
492½

2 Größen — 2 sizes — 2 tamaños

	No.	10/491½	10/492½
Sitzhöhe — Height to seat board — Altura del asiento		36	41
Lenkrad — Front-wheel — Rueda delantera		26	35
Hinterräder — Rear-wheels — Ruedas traseras		20	24
Nettogewicht — Netweight — Peso neto		5,400	6,050 kg

Wichtige Neuheit:
Sitz auf Federn, die ein angenehmes, stoßfreies Fahren ermöglichen.

Important Novelty: Seat on springs making possible a pleasing, smooth motion

Importante Novedad: Asiento con muelles traseros haciendo posible una marcha agradable sin choques.

Selbstfahrer, durch Bewegung der Arme und des Oberkörpers Fortzubewegen. Sehr gesunde Leibesübung!
Self-Propeller, running by the movement of the arms and the body. Very healty sport!
Locomotriz, marchando por el movimiento de los brazos y del cuerpo. Sport muy salubre!

Verstellbare Rückenlehne
Adjustable back. — Respaldo regulable

Gummireifen
Rubber-tyres. Bandajes de caucho

	No	10/530 G	10/531 G
Sitzhöhe — Height to seat board — Altura del asiento		43	48 cm
Lenkrad — Front-wheel — Rueda delantera		26	30 „
Hinterräder — Rear-wheels — Ruedas traseras		30	40 „
Nettogewicht — Netweight — Peso neto		9 800	11 200 kg

10/10 P

10/001 F

Plüsch- und Filzpferde - plush and felt horses caballos de felpa y fieltro

No. **10/10 P** Reitpferde saddle-horses -- caballos de silla
No. **10/001 P** Geschirrpferde harness-horses — caballos de tiro
Plüsch — plush — de felpa
No. **10/10 F** Reitpferde — saddle-horses — caballos de silla
No. **10/001 F** Geschirrpferde — harness-horses caballos de tiro
Filz — felt — de fieltro

Größe — Size — Tamaño		0	½	¾	1	2	3
	cm	14×10	16×11	17×12	19×13	22×15	23×16
Nettogewicht — Weight-net — Peso-neto	kg	0,96	1,2	1,8	2,4	3,0	3,6 p. Diz.

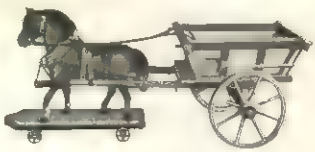
Größe — Size — Tamaño		4	5	6	7	8
	cm	26×19	31×22	34×24	38×26	46×32
Nettogewicht — Weight-net — Peso-neto	kg	4,8	6,6	9,6	14,5	24,0 p. Diz.

10/221

Rollwagen, mit Kisten, Säcken, Fässern etc. beladen — trucks loaded with Cases, Bags and Barrels — Camiones cargados de cajas, barriles y costales

No. **10/221 P** mit Plüschpferd — with plush-horse con caballo de felpa
No. **10/221 F** mit Filzpferd — with felt-horse — con caballo de fieltro
No. **10/221 L** mit gemaltem Pferd with painted horse con caballo pintado
No. **10/2211 P** mit 2 Plüschpferden with 2 plush-horses con 2 caballos de felpa
No. **10/2211 F** mit 2 Filzpferden with 2 felt-horses con 2 caballos de fieltro
No. **10/2211 L** mit 2 gemalten Pferden — with 2 painted-horses con 2 caballos pintados

Größe — Size — Tamaño		0	1	2	3	4	5	6	7	8
	cm	38	40	53	62	72	82	90	100	130
Nettogewicht Weight-net — Peso-neto										
No. 10/221	kg	0,6	0,7	1,0	1,3	1,6	2,6	4,1	8,9	12,2
No. 10/2211	kg	0,7	0,9	1,3	1,7	2,0	3,1	4,9	10,7	14,9



10/123

Kippkarren aus fl. Naturhölzern Tilt-carts of fine natural wood — Carros de revolteo de maderas finas

No. **10/124** mit Fell-Percheron — with heavy draught-horse (skin) — con caballo frison de piel
No. **10/124 P** mit Plüsch-Percheron — with heavy draught-horse (plush) — con caballo frison de felpa
No **10/123** mit Fellpferd — with skin-horse — con caballo de piel
No. **10/123 P** mit Plüschpferd with plush-horse — con caballo de felpa
No **10/123 F** mit Filzpferd — with felthorse con caballo de fieltro

Größe	Size	Tamaño		2	3	4	5	6	7	7½	8
			cm	45	53	63	67	76	85	93	98
Nettogewicht	Weight-net	Peso-neto	kg	0,8	1,2	1,7	2,3	3,8	5,5	6,5	9

Cabriolet

No. **10/5200** mit Fellpferd — with skin-horse — con caballo de piel
No. **10/5200 P** mit Plüschpferd — with plush-horse — con caballo de felpa
Ganze Länge Full length — Tamaño . . 155 cm
Nettogewicht Weight-net — Peso-neto . 18,9 kg

10/853

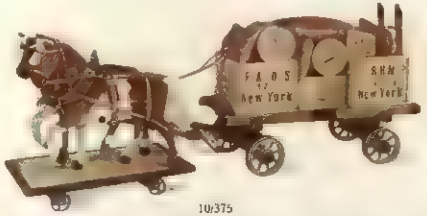
10/313

Echte Fellpferde — real skin horses — caballos de piel verdadera

No. **10/853** Reitpferde — saddle-horses — caballos de silla
No. **10/313** Geschirrpferde harness-horses - caballos de tiro

Größe — Size Tamaño		0	1	2	3	4
	cm	16×11	18×13	20×16	23×18	26×21
Nettogewicht Weight-net - Peso-neto	kg	0,3	0,4	0,5	0,7	0,9

Größe — Size — Tamaño		5	6	7	7½
	cm	30×25	36×28	41×33	47×38
Nettogewicht — Weight-net —Peso-neto	kg	1,1	1,5	2,4	2,7



10/375

Rollwagen, mit Kisten, Säcken, Fässern etc. beladen — trucks loaded with Cases, Bags and Barrels — Camiones cargados de cajas, barriles y costales aus Buchenholz — of beech-wood — de madera de haya

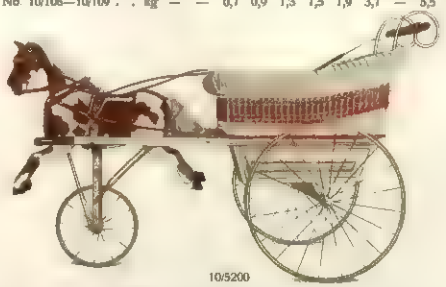
No. **10/375** mit 2 Fell-Percherons — with 2 heavy draught-horses (skin) — con 2 caballos frisones de piel
No. **10/375 P** mit 2 Plüsch-Percherons — with 2 heavy draught-horses (plush) — con 2 caballos frisones de felpa
No. **10/376** mit 1 Fell-Percheron with 1 heavy draught-horse (skin con 1 caballo frison de piel
No. **10/376 P** mit 1 Plüsch-Percheron — with 1 heavy draught-horse (push) — con 1 caballo frison de felpa

Größe Size Tamaño		1	2	3	4	5	6	7
	cm	48	58	68	80	86	100	108
Nettogewicht Weight-net Peso-neto								
No. 10/375	kg	1,0	2,1	3,0	3,8	5,1	6,8	10,0
No. 10/376	kg	1,3	1,8	2,6	3,1	4,3	5,8	9,0

10/103

No. **10/103** mit Fellpferd — with skin-horse — con caballo de piel
No. **10/103 P** mit Plüschpferd — with plush-horse - con caballo de felpa
No. **10/103 F** mit Filzpferd — with felt-horse - con caballo de fieltro
No. **10/107 P** mit Plüschesel — with plush-donkey - con burro de felpa
No. **10/107 F** mit Filzesel — with felt-donkey — con burro de fieltro
No. **10/108** mit Fellziege — with skin goat — con cabra de piel
No. **10/109** mit Fellkuh - with skin-cow — con vaca de piel
No. **10/109 P** mit Plüschkuh — with plush-cow — con vaca de felpa

Größe — Size — Tamaño		0	1	2	3	4	5	6	7	7½	8	9
		32	33	37	42	48	54	61	75	82	94	104
Nettogewicht — Weight-net — Peso-neto												
No 10/103 10/107	kg	0,25	0,4	0,5	0,6	0,9	1,1	1,4	3,8	4,9	6,5	12,5
No. 10/108—10/109 . .	kg	—	—	0,7	0,9	1,3	1,5	1,9	3,7	—	5,5	—



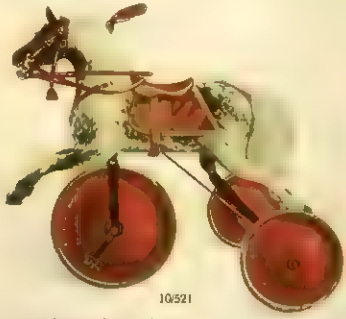
10/5200

10/69

Traber zum Fahren und Schaukeln — Trotter on combination rockers — Caballos en posicion trotante sobre tabla y mecedor

No. 10/19 P in Plüsch — in plush — de felpa
No. 10/19 PC Plüsch-Zirkuspferd — plush-circus-horse — Caballo de circo de felpa
No. 10/1019 P in geschecktem Plüsch (braun-weiß oder schwarz-weiß) — in spotted plush (brown-white or black-white) — en felpa manchada (bayo-blanco o negro-blanco)
No. 10/1019 PC Plüsch-Zirkuspferd, gescheckt (braun-weiß oder schwarz-weiß) — Plush circus-horse, spotted (brown white or black-white) — Caballo de circo en felpa, pio (bayo-blanco o negro-blanco)
No. 10/68 in prima Fell und extra fein gezäumt — in selected skin, with extra fine bridle — de piel escogida, con guarniciones muy ricas
No. 10/69 in extra feinem Fell, ausgesuchte Exemplare, extra rotes Luxusgeschirr mit Martingal und buntem Kopfschweif — Choice horses with finest skin, most elegant red leather harness martingale and aigrette — Caballos escogidos de piel muy fina, con guarniciones de lujo de cuero rojo, con gamarra y garzota

Größe — Size — Tamaño		9	10	11	12	13	14	15
	cm	52×43	58×47	64×50	72×55	78×60	95×71	104×76
Nettogew. — Weight net — Peso-neto								
No. 10/19—10/1019	kg	6,7	8,6	10,8	14,1	18,8	26,1	40,8
No. 10/68—10/69	kg	7,9	8,8	11,1	15,1	19,5	26,9	41,5



10/521

Dreirad-Pferd — Pedal-Horse — Tricicletas con caballos

Fein vernickelte Lenkstange und Pedale, Diskusscheibenräder mit Gummibereifung — Nickel-plated handle bar and pedals, disk-wheels rubber tired — Guia y pedales niquelados, ruedas de disco, bandajes de caucho

No. 10/521 in Fell, mit bestem Lederzaum und Sattel — in skin, with fine leather bridle and saddle — de piel, con brida y silla de cuero fina
No. 10/521 P in Plüsch — in plush — de felpa

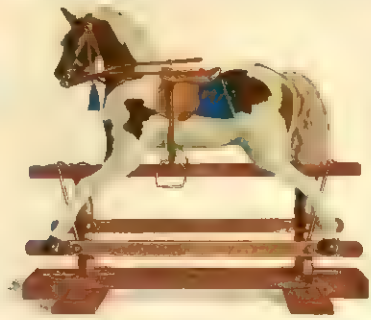
Größe — Size — Tamaño		9	10
Ganze Höhe — Full height — altura	cm	61	69
No. 10/521 P Nettogewicht — Weight net — Peso-neto	kg	7,7	10,5
No. 10/521 Nettogewicht — Weight net — Peso-neto	kg	7,9	10,8

10/28 P

Pferde zum Fahren und Schaukeln — Combination rocking horses — Caballos sobre tabla y mecedor

No. 10/28 P in Plüsch — in plush — de felpa
No. 10/1018 P in gescheckten Plüsch (braun-weiß oder schwarz-weiß) — in spotted plush (brown-white or black-white) — en felpa manchada (bayo-blanco o negro-blanco)
No. 10/28 F S in weißem Filz — spotted white felt — en fieltro blanco

Größe — Size — Tamaño			7½	8½	9	10	11	12	13	14	15
		cm	51×35	55×41	58×43	62×47	68×50	75×55	80×60	90×71	100×76
No. 10/28	10/1018	Nettogewicht — Weight net — Peso-neto	kg	4,2	5,3	6,3	7,5	9,0	10,1	13,7	19,0	
No. 10/38	10/48	Nettogewicht — Weight net — Peso-neto	kg	4,2	5,7	6,3	7,5	8,6	10,0	13,5	18,7	

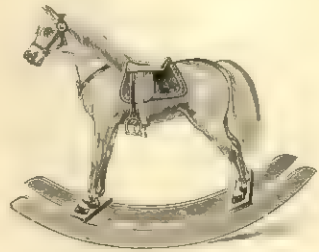


10/59

Schwingende Pferde — Swing horses — Caballos balanceados

No. 10/59 in prima Fell mit Doppelzügel und Nickelgarnitur — in selected skin, with double reins and nickel-plated fittings — de piel escogida, con riendas dobles y herraje niquelado
No. 10/59 P in Plüsch — in plush — de felpa

Größe — Size — Tamaño		10	11	12	13	14	15
	cm	62×46	65×50	72×56	82×65	93×75	100×85
Nettogewicht — Weigh net — Peso-neto							
No. 10/59	kg	11,7	12,7	14,1	19,2	28,4	44,6
No. 10/59 P	kg	11,9	13,2	14,9	20,0	29,3	46,0

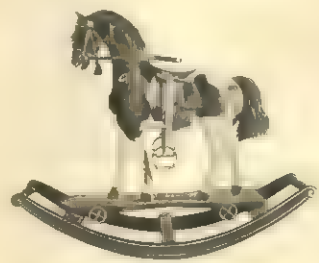


10.15

Schaukelpferde — Rocking-horses — Caballos mecedores

No. 10/15 F in Filz — in felt — de fieltro
No. 10/15 P in Plüsch in plush — de felpa
No. 10/35 in gutem Fell, mit Schnallenzaum und Zinngarnitur — in skin, with bridle to be taken off — de piel, con brida para quitar
No. 10/45 in prima Fell, mit Doppelzügel und Nickelgarnitur — in selected skin, with double reins and nickel-plated fittings — de piel escogida, con riendas dobles y herraje niquelado

Größe — Size — Tamaño		7½	8½	9	10	11	12	13	14
	cm	51×35	55×41	58×43	62×47	66×50	75×55	80×60	88×71
Nettogew. — Weight net — Peso-neto									
No. 10/15	kg	3,1	3,6	4,6	5,7	7,0	8,5		
No. 10/35—10/45	kg	3,2	3,8	4,9	6,1	7,4	8,9		

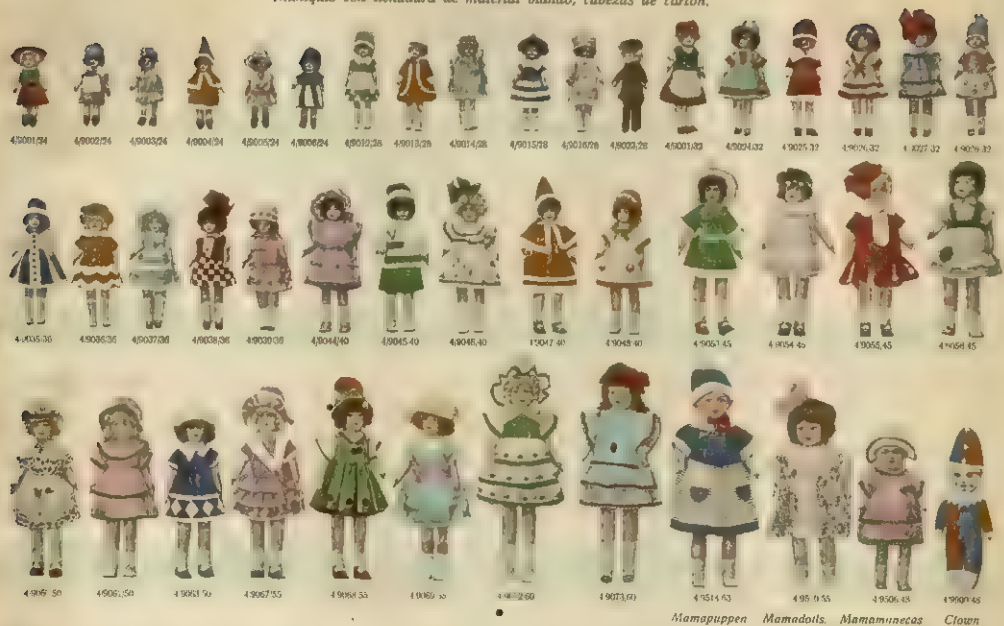


10/38

Pferde zum Fahren und Schaukeln — Combination rocking horses — Caballos sobre tabla y mecedor

No. 10/38 in gutem Fell, mit Schnallenzaum und Zinngarnitur — in skin, with bridle to be taken off — de piel, con brida para quitar
No 10/48 in prima Fell, mit Doppelzügel und Nickelgarnitur — in selected skin, with double reins and nickel-plated fittings — de piel escogida, con riendas dobles y herraje niquelado

Weichgestopfte Gelenkpuppen mit Pappköpfen
Soft stuffed limb-jointed dolls with cardboard heads.
Maniquis con llenadura de material blando, cabezas de carton.



Mamapuppen *Mamadolls.* *Mamamuñecas* *Clown*

Doppelgelenkpuppen mit Porzellanköpfen, Schlafaugen Serie 5000 in einfacher Ausführung. Serie 6000 mit Handgelenk
Double jointed china headed dolls, sleeping eyes. Series 5000 in simple finish, series 6000 wrist jointed in superior finish
Maniquis a doble articulacion, cabezas de porcelana, ojos para dormir. Serie 5000 de ejecucion ordinaria,
serie 6000 con puño articulado ejecucion superior.

Gelenkpuppen mit Porzellanköpfen, Schlafaugen, Stückpackung.

Limb-jointed dolls with china heads, sleeping eyes, packed separately.

Maniquis con cabeza de porcelana, ojos para dormir.

Gelenkpuppen mit Porzellan- oder Celluloidköpfen. 6 Stück im Karton.
Limb-jointed dolls with china or celluloid heads. Half dozen packing.
Maniquis con cabeza de porcelana o celuloide. Embalados a media docena.

Gelenkpuppen mit Porzellanköpfen und Schlafaugen in einfacher Ausführung.
Limb-jointed dolls with china heads, sleeping eyes in cheap execution.
Maniquis con cabeza de porcelana, ojos para dormir, ejecucion barata.

Die lebenden Puppen und Bären, mit Luft gefüllt, federleicht, lebenswahr, mollig und raumsparend. Gesetzl. gesch. Neuheit 'Snuky'
The living dolls and bears, filled with air, feather-weight, life like, snug and space-saving. Legally protected. Novelty: Snuky!
La muneca y oso viviente rellenadas con aire, livianitisimas, llenisimas de vida, suaves y economizadoras de espacio. Protegidas por patente
Novedad · Snuky!

Baby aus Papiermachee.

Bär unaufgeblasen
Bear unfilled
Osos vacios

Innenhülle aus Gummi
Interior of rubber
Interior de goma

Die Artikel werden in unaufgeblasenem Zustand geliefert und nehmen bei geringem Gewicht nur einen Bruchteil des Raumes ein, der für ausgestopfte Artikel nötig ist. Erstklassiges Material und spezielle sorgfältige Verarbeitung garantieren auch in den Tropen eine lange Lebensdauer

All Snuky articles are delivered in emptied condition, occupying, apart from their extremely light weight, only a fracture of the space required by stuffed articles. First class material and specially careful manufacture warrant a long life to these articles also in the tropics

Todos los articulos Snuky se suministran en condición no soplado, ocupando, fuera de su muy poco peso, solamente una fracción del espacio necesario para los articulos estopados. Material de primera clase y una fabricación especialmente cuidadosa garantizan longa duración tambien en los paises trópicos.

Steiff

STEIFF

KNOPF IM OHR.

Weichgestopfte, unzerbrechliche Spiel- und Reittiere aus feinstem Filz, Mohair oder Wollplüsch in weltberühmter Schönheit und Qualität, wirklichkeitsgetreu und ausdrucksvoll. Alle Tiere haben volltönende Stimme, meist beweglichen Kopf und Glieder, sowie farbige Seidenaugen oder Leder mit Braun. Fahrtiere haben stabiles Eisengerippe, klimabeständige Metallräder mit Gummi und Lenkung. Die beiden letzten Ziffern jeder Nummer bedeuten Höhe in Zentimetern.

Verlangen Sie farbigen Hauptkatalog durch Ihr Einkaufshaus

STEIFF / Button in Ear.

These are the most perfect [illegible] and [illegible] toys and [illegible] animals obtainable. Made either of the finest Mohair plush or Wool felt these models are appealingly real.

All seem [illegible] and have [illegible] and [illegible] or leather collars. Those on wheels have sleigh [illegible] from [illegible] and [illegible] wooden disc wheels, larger sizes have [illegible] and metal tired wheels with [illegible] tires.

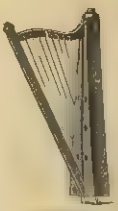
Real leather [illegible] used for saddles and [illegible].

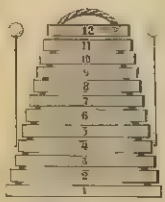
Please note [illegible] centimeters [illegible] English [illegible] and Mohairs are known for [illegible] quality at [illegible] prices. Full catalogue showing a variety of 1400 numbers will willingly be submitted.

STEIFF / Botón en la oreja.

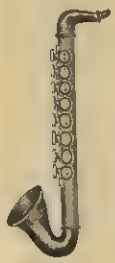
Animales de peluche y de madera [illegible] para jugar [illegible] de una [illegible] felpa de lana [illegible] de [illegible] y colocar de forma [illegible] [illegible] y [illegible] [illegible] [illegible]

Musical instruments for children — Instrumentos de música para niños





massiv
Messing
heavy brass
laton puro



Billige Pelzaffen, Scherz- und Radauartikel für Volksfeste, Karneval und Straßenhandel
Cheap Fur Toys (Fur Monkeys) Joke articles with & without voice & other carnevalarticles
Monos de piel de todos los tamaños, asi como Articulos de broma baratos para Fiestas populares

104 189 32 cm

104/263 34 cm

104 400 38 cm

104/408 55 cm
104/82 36 „

104 450 31 cm
104/80 23 „

104 406 34 cm

104 464 32 cm

104 400 31 cm

104 465 39 cm

104/176 32 cm

104/118 19 cm

104/117 21 cm

104/458 27 cm

104/057/20 20 cm
104/057/23 23 „

104 10
13 cm

104 241
12 cm

104 17
10 cm

104 115
10 cm

104 190
14 cm

104/274
8 cm

104/139
8 cm

104 A
6 cm

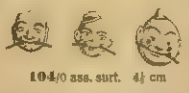
104 74
8 cm

104 200
16 cm

104/20
15 cm

104 202
10 cm

104 208
16 cm



104/0 ass. surt. 4½ cm

104 67
60 cm

104/97
12 cm

104/181

104/149
6 cm

104/305 5 cm
with voice — con voz

104 122 deutsch. Text
104 122E english text } 37 cm
with cats voice — con voz de gatos

104 311
25 cm

104 312
12 cm

104 313
10 cm

104 315 8 cm
with voice — con voz

104 307 7 cm
with voice — con voz

104 024
9 cm

104 7 G
16 cm

104/808 6 cm without drawers
without voice sin voz sin calzoncillos

Autohupen aus vernickeltem Metall — Auto-horns of nickeled metal — Cornetas de automóvil de metal niquelado

1/4 natürliche Größe — 1/4 of nat. size — 1/4 del tamaño natural

36/1974 12 cm

36/1823/3 28 cm

36/1983/1 22 cm

Mehrtönige Kinder-Instrumente aus vernickeltem Metall
Childrens' musical instruments of nickeled metal, vary-toned — Instrumentos de música infantiles de metal niquelado de varios tonos

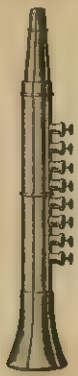
36 1951/8 28 cm
36 1004/6 26 „
36 1004/4 24 „

36 1814[illegible]/8 28 cm
36/1814[illegible]/6 25 „
36 1814[illegible]/4 22 „

—/4 4 tones/tonos

36 1006/8 30 cm
36 1006/6 28 „
36 1006/4 26 „

-/6 6 tones/tones



36 988,8
35 cm

36 1909/8 30 cm
36/1909/6 27 „
36/1909/4 23 „

—/8 8 tones/tonos

massiv messing
heavy brass
latón puro

36 816/8 31 cm
36 1816/6 27 „
36 1816/4 23 „

Jazz-Instrumente aus Metall — Jazz instruments of metal — Instrumentos para yazz, de metal

36 1947
41 cm
Nickel, Niquel

36/1951 26 cm
Nickel/Niquel

36 1951[illegible]/6
26 cm
36/1963[illegible]/6
21 cm
Weißblech
Tin
Hojalata

36/1945
26 cm
Nickel
Niquel

36/1939 21 cm
Nickel/Niquel

36/1988[illegible]/6
21 cm
Weißblech
Tin
Hojalata

36/2003 Weißblech/Tin/Hojalata
36/2004 Nickel/Niquel

36/1943[illegible]/6
Weißblech
Tin/Hojalata

36 1879
Weißblech
Tin/Hojalata

36/1874[illegible]/6
Nickel
Niquel

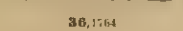
36/1803
Aluminium
Aluminio

36 1707
4[illegible]/2 × 5 cm

36/1706
7×8 cm

farbig lackiert
coloured varnished
de hojalata
barnizada
variegada

Jazz- und Vogelpfeife
Jazz whistle and for imitating birds' song
Silbato yazz y para imitar el canto de pájaros

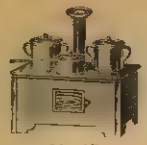


36/1764

36/1978
88 cm
Weißblech ohne Quaste
Only tin without tassel
Solamente hojalata sin borla

Weltbekannte Qualitätsware — World known quality ware — Mercancía de calidad conocida en todo el mundo

Kinderkochherde - Toy Stoves — Cocinas para niños



11/420/3

Set-Stoves

To save space, the stoves

11/210/2—7
11/420/1—4
11/651/1—6

are delivered nested. Please order of above said series always a quantity of sets

Cocinas en Juegos

Para economizar gastos, las cocinas

11/210/2—7
11/420/1—4
11/651/1—6

se suministran uno en otro. Pida Vd. de las series susodichas siempre una cantidad de juegos

11/651/3

11/210/2	11/210/3	11/210/4	11/210/5	11/210/6	11/210/7
14×8×9	15,5×10,7×9,3	18×12,4×10,5	20×14,2×11,5	23,5×16×11,8	27×19×13,5 cm

One set of 6 pieces = 11/210/2—7 ° Un juego de 6 piezas = 11/210/2—7

11/420/1	19 × 7 × 6,5 cm	
11/420/2	14,5 × 9 × 7,5 „	
11/420/3	17 × 10,6 × 8,8 „	
11/420/4	19,5 × 12 × 9,6 „	

One set of 4 pieces
11/420,1—4

Un juego de 4 piezas
11/420/1—4

11/651/1	12 × 7,5 × 7,5 cm	
11/651/2	13,8 × 9 × 8,5 „	
11/651/3	15,5 × 10,8 × 9,2 „	
11/651/4	18 × 12,5 × 11,5 „	
11/651/5	20 × 14,2 × 11,5 „	
11/651/6	23,1 × 16 × 12 „	

One set of 6 pieces
11/651/1—6

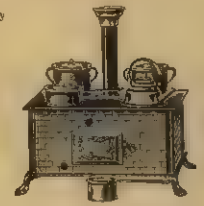
Un juego de 6 piezas
11/651/1—6

With brilliant light by pocket-battery
Con alumbrado por batería de faltriquera con bonito efecto

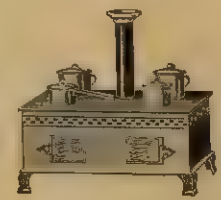
11/519/2	14,3 × 9,5 × 8,5 cm	
11/519/0 Esp	13,5 × 8 × 9,8 „	
11/519/1	13 × 8,4 × 8 „	
11/519/2	14,4 × 9,5 × 8,5 „	
11/519/3/4 E	17 × 11 × 9 „	
11/519/4	19,5 × 12 × 10,5 „	
11/519/5	22,2 × 14,2 × 10,5 „	

11/744/4	17,7 × 12,1 × 10,2 cm	
11/744/1	12,5 × 8,5 × 9 „	
11/744/2	15,6 × 9,3 × 9,3 „	
11/744/3	16,8 × 11 × 9,8 „	
11/744/5	19,5 × 12,2 × 10,6 „	

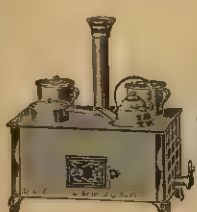
11/6000/2	17,8 × 13,1 × 10,2 cm	
11/6000/1	16,8 × 10,8 × 9,4 „	
11/6000/2	17,8 × 13,1 × 10,2 „	
11/6000/3	20,3 × 14 × 11,7 „	



11/460/3	20,4 × 14,4 × 11,4 cm	
11/460/3 o	11,7 × 8 × 7,2 „	
11/460/0	14 × 9,5 × 8,5 „	
11/460/1	15,5 × 10 × 9,3 „	
11/460/1½	17 × 11 × 9 „	
11/460/2	18 × 12 × 9,3 „	
11/460/2½	19,5 × 12,5 × 10 „	
11/460/3	20,4 × 14,4 × 11,4 „	
11/460/4	24 × 15 × 11,5 „	
11/460/5	28 × 17,8 × 14 „	
11/460/6	32,2 × 20,5 × 14,5 „	



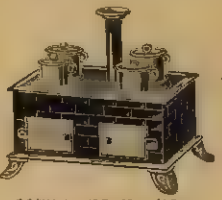
11/459/5	22,1 × 14,3 × 10,5 cm	
11/459/1	11,8 × 8 × 8 „	
11/459/1½	14,3 × 8,7 × 8,6 „	
11/459/2	14,2 × 9,8 × 9 „	
11/459/3	16,8 × 11 × 10,2 „	
11/459/4	19,5 × 12,1 × 10,5 „	
11/459/5	22,1 × 14,3 × 10,5 „	



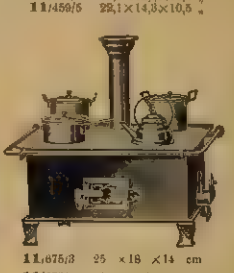
11/461/0	14 × 9,5 × 8,5 „	
11/461/1½	17 × 11 × 9 „	
11/461/2	18 × 12 × 9,8 „	
11/461/3	19,5 × 12,5 × 10 „	
11/461/3	20,4 × 14,4 × 11,4 „	
11/461/4	24 × 15 × 11,5 „	
11/461/5	28 × 17,8 × 14 „	
11/461/6	32,2 × 20,5 × 14,5 „	

11/7115/1	20,3 × 16 × 12,5 cm	
11/7415/2/0	19,8 × 13 × 11 „	
11/7415/0	20,3 × 14 × 11,8 „	
11/7415/1	23,3 × 16 × 13,5 „	
11/7415/2	26,7 × 17,3 × 14,4 „	
11/7415/3	31,7 × 21,5 × 15,5 „	

11/630P/1	20 × 12,5 × 10,5 cm	
11/630P/2	22 × 14 × 11 „	
11/630P/1	24 × 16 × 17 „	
11/630P/4	26 × 17 × 12,5 „	
11/630P/5	28,5 × 18,5 × 13 „	
11/630P/6	19 × 2 × 14 „	
11/630P/7	44,5 × 22,5 × 14,5 „	
11/630P/8	17 × 24,5 × 16 „	
11/630P/9	39 × 25 × 17,5 „	
11/630P/10	40 × 27 × 19,5 „	
11/630P/11	43 × 26 × 21 „	
11/630P/12	48 × 29 × 23 „	



11/560/4	19,5 × 12 × 10,5 cm	
11/560/0	11,8 × 8 × 7,5 „	
11/560/1	13 × 8,5 × 8 „	
11/560/2	14 × 9,5 × 8 „	
11/560/3	17 × 11 × 9,5 „	
11/560/4	19,5 × 12 × 10,5 „	
11/560/5	22 × 14 × 10,5 „	
11/560/6	24 × 15,5 × 10,5 „	
11/560/7	25,6 × 16 × 11,5 „	
11/560/8	28,5 × 17,5 × 12,5 „	



11/675/3	25 × 18 × 14 cm	
11/675/0	20 × 12,5 × 10 „	
11/675/1	21 × 13 × 12,5 „	
11/675/2	23,5 × 16 × 13,5 „	
11/675/3	25 × 18 × 14 „	
11/675/4	27,5 × 19 × 14 „	
11/675/5	30,5 × 21 × 15,5 „	

11/7412/3	31,7 × 21,5 × 13,5 cm	
11/7412/1	23,8 × 16 × 12,5 „	
11/7412/2	26,7 × 17,8 × 13,4 „	
11/7412/3	31,7 × 21,5 × 13,5 „	

11/1680/7	33 × 22,5 × 17 cm	
11/1680/1	19 × 12,5 × 10,3 cm	
11/1680/2	20,5 × 13,3 × 11 „	
11/1680/3	23 × 15 × 11,8 „	
11/1680/4	25 × 16,5 × 13,2 „	
11/1680/5	26,5 × 18 × 13,3 cm	
11/1680/6	30,5 × 21 × 15,5 „	
11/1680/7	33 × 22,5 × 17 „	
11/1680/8	38 × 25 × 21,5 „	

11/1921/4	35 × 24,5 × 17 cm	
11/1921/5	36,5 × 24,5 × 19,8 „	
11/1921/6	41 × 28,5 × 21,1 „	
11/1921/7	43,5 × 30,3 × 23,7 „	

2/380 30–42 cm
2/381 32–42 cm
2/382 45 cm
2/383 45 cm
2/384 27–32 cm
2/385 45 cm
2/386 40 cm
2/387 33–50 cm
2/388 30–40 cm
2/389 31–44 cm
2/390 28 cm
2/391 35 cm
2/392 32 cm
2/393 38–45 cm
2/394 28–46 cm
2/395 38 cm
2/396 34 cm
2/397 32–45 cm
2/398 28 cm
2/399 31 cm
2/400 40—56 cm
2/401 24—45 cm
2/402 18 cm
2/403 22 cm
2/404 38 cm
mit Uhrwerk und Musik
with clockwork and music
con resorte y música
2/405 20 cm
fahrend mit Uhrwerk u. Stimme — going by clockwork and voice — andando con resorte y voz
2/406 50 cm
2/407 40—56 cm
2/408 45 cm
2/409 35—38 cm
2/411 48—60 cm
mit Musik with music con música
2/412 13 cm
2/413 56 cm
mit Uhrwerk und Musik
with clockwork and music
con resorte y música
2/414 40—56 cm
2/410 28 cm
2/415 28 cm
2/418 45 cm
2/417 45 cm
2/418 10 cm
2/419 18 cm
2/420 10 cm
2/421 18 cm
2/422 12 cm
2/423 15—24 cm
2/424 18—24 cm
2/425 15 cm
2/426 15 cm
2/427 18 cm
2/428 12—20 cm
2/429 28 cm

Dolls furnitures of pressed cardboard, very light

Muebles de cartón para muñecas, muy ligero

174 540g/7 chairs sillas 7 cm

174 542r/7 chairs sillas 7 cm

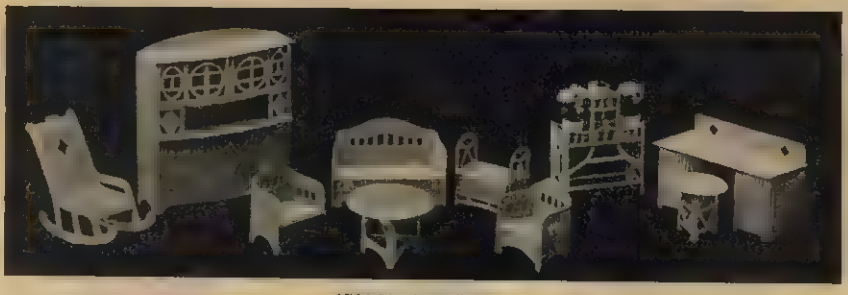
174/547/10 10 cm

174/543b/5 chairs/sillas 5 cm

174/548/5 chairs/sillas 5 cm

174/548/10 10 cm

174 543r/10 chairs sillas 10 cm



174 597/7 chairs sillas 7 cm

174/640/17 chairs/sillas 7 cm Height/Altura 17 cm

174/635/16 chairs/sillas 7 cm Height/Altura 16 cm

Pappspielwaren / Cardboard Toys / Juguetes de Carton

108/837 20,5×14 cm
Chaplin
mit Cri Cri Stimme
Chaplin with cri cri voice
Chaplin con voz cri-cri

108/838 16×13 cm
Esel
mit Cri Cri-Stimme
Donkey with cri cri voice
Asno con voz cri-cri

108/839 16,5×9,5 cm
Pickende Vögel
mit Cri-Cri-Stimme
Picking birds with cri cri voice
Pajaros picoteando con voz cri-cri

108/840 11×22,5 cm
Pat & Patachon
mit Cri-Cri Stimme
Pat & Patachon with cri-cri voice
Pat & Patachon con voz cri-cri

108/842 18,5×10 cm
Pilzmännchen
mit Cri-Cri-Stimme
Mushroom men
with cri cri voice
Hombrecitos de hongo
con voz cri-cri

108/845 21×10 cm
Neger-Schießscheibe
Negro target
Blanco con negro

108/2023 15×8,9 cm
Balancier Schwebe
Schmetterling
Balancing Butterfly
Mariposa de balanzo

108/848 13,5×7,5 cm
Bravo-Klatschbov
mit Cri Cri Stimme
Applauding boy
with cri-cri voice
Muchacho dando aplauso
con voz cri-cri

108/853 15,5×6 cm
Blasinstrument
mit verschiedenen Sujets
Wind Instrument
with several designs
Instrumento de soplo
de diversos dibujos

108/847 13×7 cm
Revolver zum Knacken
durch Cri Cri Stimme
Revolver for cracking
by cri-cri voice
Revolver para estallar
por voz cri-cri

108/843 16×10 cm
Schmetterling m. bewegl.
Flügel & Cri-Cri Stimme
Butterfly with moveable
wings & cri-cri voice
Mariposa con alas
movibles & voz cri-cri

108/162 19×23 cm
Durchsichtige Wackelaugen
Totallänge mit Stab 45 cm
Transparent shaking eyes
Length overal with staff 45cm
Ojos movibles permeables
Largo total con varilla 45 cm

108/817 14×50 cm
Clown mit Ce. Ring
Clown with ce. ring
Clown c. aro de celuloide

108/868 Kind mit Maske 24×16 cm
sort. Bilder
Child with mask moveable
assort.
Nino con careta movible,
surtido

108/864 Cri-Cri Revolver 14×8 cm
Revolver with cri-cri-voice
Revolver con voz cri cri

108/832 II 5×33 cm
Ballspieler mit 2 Ce. Reifen
Ball player with 2 cell hoops
Jugador de pelota c. 2 aros
de celuloide

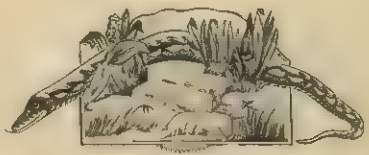
108/836 9,5×17 cm
Zugkarten mit beweglichen Gliedern
Draw-cards with moveable limbs
Tarjetas de tiro con miembros movibles

108/846 1., ×19 cm
Gesichtsmaske
Face mask
Careta

108/84 32×14 cm
Tennisschläger
aus Pappe
Tennis racket of
cardboard
Raqueta de
tennis de carton

108/82 3,5×,9 cm
Kinderklappern in 3 Bildern
Children rattles 3 pictures
Sonajeras de ninos en 3 figuras

108/819/11 Schwalbe mit Abzugsvorrichtung, 7,5×14 cm
zurückfliegend jeder Artikel im Kuvert
Swallow with shooting-off device, flying back each article
under cover
Golondrina con dispositivo de disparo, volando de vuelta,
cada articulo, bajo sobre



108/821 Schlange beweglich 9×26 cm
Moving snake
Serpiente movible

108/863 Fächer 26×19 cm
aus Pappe
Fan of cardboard
Abanico de cartón

Quietschartikel
durch Händedruck beweglich mit Quietschton

Cardboard Toys
Squeaking Articles moveable by a squeeze of the hand, with squeaking voice

Juguetes de Carton
Artículos de chillar movibles por presión manual y con voz chillante

108/142 11×13 cm
Pelikan
Pel can
Pe icano

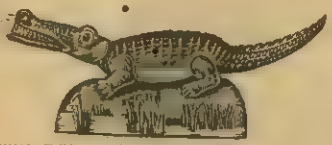
108/141 11×13 cm
Ente
Duck
Pato

108/143 6×17 cm
Niggi mit Stimme und Schnarre
Negro with voice and cymbals
Negro con platillos y voz

108/2018 16×18 cm
Hahn mit Stimme, Kopf und Schwanz beweglich
Cock with voice, Head & tail moveable
Gallo con voz cabeza y cola movibles

108/2015 8×11 cm
Schwein mit Stimme, Kopf und Schwanz beweglich
Pig with voice Head and tail moveable
Puerco con voz cabeza y rabo movibles

108/2026 12×16 cm
Musikant mit Stimme
Musician moveable with voice
Musico movible, con voz



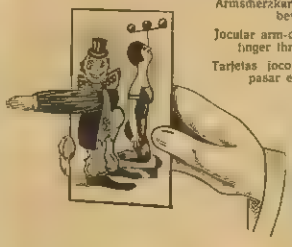
108/2019 7×22 cm Kopf u. Schwanz beweglich m. Stimme
Moving Head & tail with voice
Capeza y cola movibles, con voz

108/110 10×17 cm
Grüßende Figur beweglich
Greeting figure moveable
Figura saludando movible

108/2020 13×18 Kinderwagen mit Baby, Kopf und Wagen beweglich mit Stimme
Carriage with baby Head and carriage moveable with voice
Coche con bebé Cabeza y coche movibles, con voz

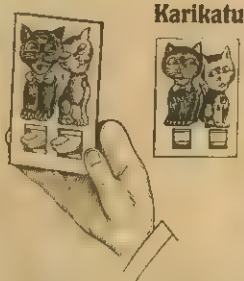
Scherzartikel ★ Articles of Joke ★ Artículos humorísticos

108/10 9×14 cm
Armscherzkarten Arm durch Einstecken des Fingers beweglich in 6 Sujets sortiert
Jocular arm-cards Arm moveable by passing your finger through card assorted in 6 designs
Tarjetas jocosas de brazo. Brazo movible por pasar el dedo Surtidas en 6 dibujos



108/9 9×14 cm
Lochkarten in 6-8 Sujets sort jedes Stück im Kuvert, Karte mit 2 Papierschuhen
Finger-cards assorted in 6-8 designs, each piece in envelope. Card with 2 paper shoes
Tarjetas con agujeros surtidas en 6-8 dibujos, cada pieza bajo sobre con 2 zapatos de papel

Karikaturkarten ★ Caricature Cards ★ Tarjetas de caricaturas



108/822 9×14 cm
Katzenkarten, Augen beweglich
Cat cards Eyes moveable
Tarjetas de gatos Ojos movibles

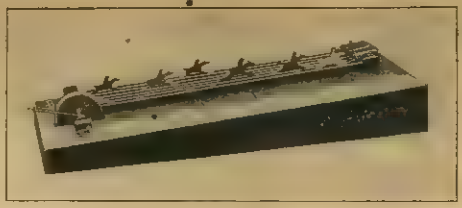
108/824 10×15 cm
Eselkarte durch anziehen des Steges beweglich mit Reiter und Esel
Donkey card drawing the cross-piece the rider and donkey will move
Asno · Por tirar a la traviesa, se mueven caballero y asno

108/825 9×14 cm
Bauch-Ketten-Karte in 6 Sujets
Belly chain card in 6 designs
Tarjeta con cadena de barriga en 6 dibujos

Schwarze Silhuettenbilder, Gesichtsteil durch eine feine Kette gibt veränderliche Formen, (Auch mit Rekl. Text zu versehen)
Black silhouet pictures, face variable by a fine chain (May also be provided with advertising text)
Estampas negras de silueta, la parte de la cara asume formas diferentes mediante una fina cadena (También puede provisto de texto de reclamo.

Horse race without clockwork only with fly-wheel

180 I made of ...



Juego de caballos sin cuerda solamente con volante

180 I fabricado de hoja de ...ata

180 I 44×14 cm

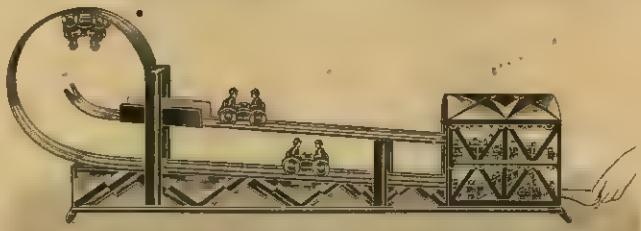
180 IIa 4 Horses
180 IIIa 6 Horses
Playground

180 IIa 48×26 cm

180/IIa 4 Caballos
180/IIIa 6 Caballos
Tablero

180/IIIa 76×30,5 cm

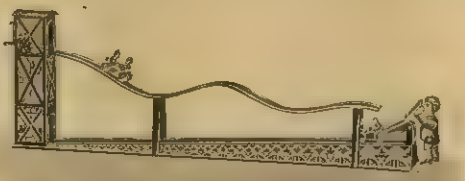
Tin toys without clockwork



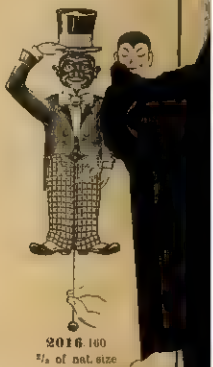
2016 160 1/3 of nat. size - 1/3 del tamaño natural

Juguetes de hojalata sin cuerda

2016 179
nat. size
tamaño natural



2016, 143 1/3 of nat. size 1/3 del tamaño natural



2016 160
1/3 of nat. size
1/3 del tamaño natural

2016/159
1/3 of nat. size
1/3 del tamaño natural

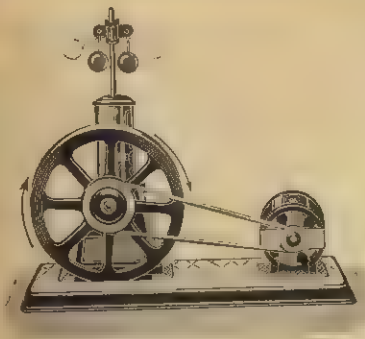
2016/163
1/3 of nat. size
1/3 del tamaño natural

2016/173
1/3 of nat. size
1/3 del tamaño natural

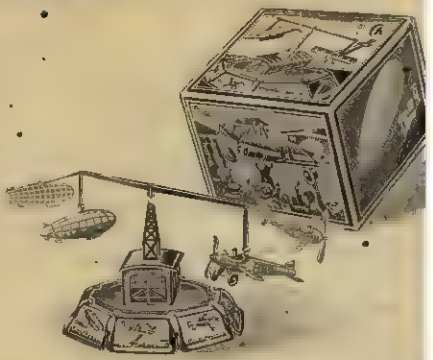
2016/150
1/3 of nat. size
1/3 del tamaño natural

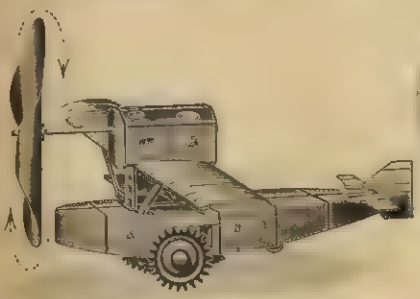
Tin toys with and without clockwork

Juguetes de hojalata con y sin cuerda

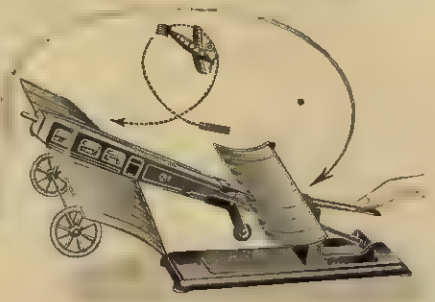


2016 158 ½ of nat. size — ½ del tamaño natural
with clockwork — con cuerda





2016 126
½ of nat. size
½ del tamaño natur
with clockwork
con cuerda



2016 144 ¼ of nat. size — ¼ del tamaño natural

2016 41
with clockwor
con cuerda

without clockwork — sin cuerda
with clockwork — con cuerda
with key wind — con llave

of nat. size
del tamaño natural

2016 47
¼ of nat. size — ¼ del tamaño natura

2016 80
of nat. size
½ del tamaño natura

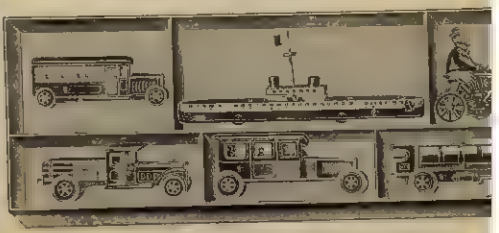
2016 48
¼ of nat. size
½ del tamaño na

2016 184 ½ of nat. size
½ del tamaño natural
with clockwork — con cuerda

2016 47K same as **2016** 47, but with "Cri-Cri"
2016 48K " " **2016** 48, " " "
2016 47K mismo como **2016** 47, pero con "Cri-Cri"
2016 48K " **2016** 48, " "

2016 162
½ of nat. size — ¼ del tamaño natura.

2016 130
¼ of nat. size — ¼ del tamaño natural
2016 130K with clockwork — con cuerda



2016 136 ¼ of nat. size — ¼ del tamaño natura
without clockwork — sin cuerd

116 500/20 Length Largura 20 cm

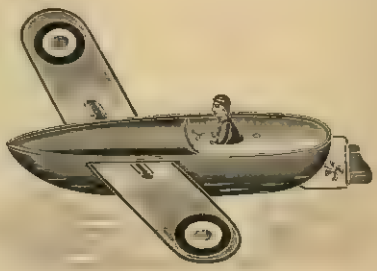
116 500/18 18 cm
116 500/20 20 „
116 500/23 23 „
} Length Largura

116 500/23 Length Largura 23 cm

116/764/22 Length Largura 22 cm
116/764/26 Length Largura 26 cm

116 753/37 Length Largura 37 cm

116 753/42 42 cm
116 753/46 46 „
116 753/52 52 „
} Length/Largura

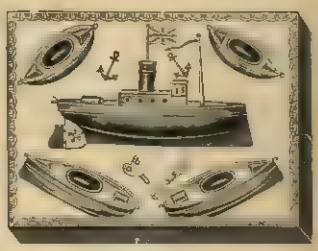


116 762 Length/Largura 22 cm

116 1263/22 Length Largura 22 cm

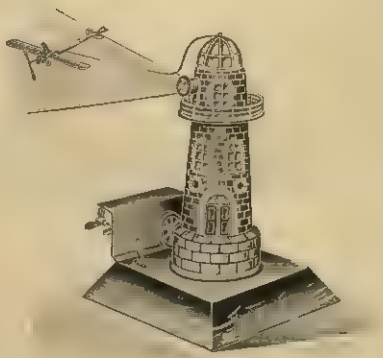
116 1206/27 Length Largura 27 cm

116 1207/27 better execution
27 cm better execution

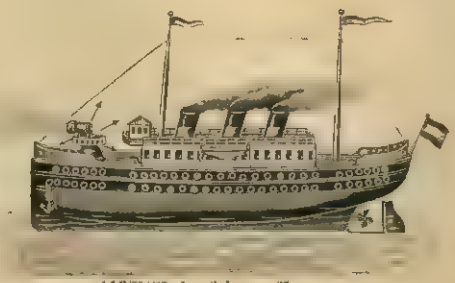


116 1712 96 × 28 cm

116 707 22 cm
116 709 26 „
116 710 29 „
116 171 42 „



116/252 Height Altura 18 cm



116/754/37 Length Largura 37 cm

116 754/42 42 cm
116 754/46 46 „
116 754/52 52 „
} Length Largura

Ocean steamer "Bremen" **116**/770 Length 37 cm with 3 electric lighted position lanterns (red-green-white)

Vapor de océano »Bremen« **116**/770 Largura 37 cm con 3 linternas de postura eléctricas (rojo-verde-blanco)

Teepuppen-Köpfe, Dekorations-Köpfe zum Selbstmontieren, moderne Kleiderbügel und Dekorations-Prachtkissen

Tea-dolls heads, decorative heads for self-mounting, modern coat-hangers and decorative fancy cushions

Cabezas de munecas de té, cabezas decorativas para montar uno mismo, perchas modernas y almohadas decorativas de lujo

Whistles — Silbatos

Horn — Cuerno

89 1690H abt. ca. 7 cm
89 1694H " " 6½ "
89 1694kl " " 5 "
89/4416 " " 5 "

Dice of vegetable ivory
Dados de marfil vegetal

89 476 12 12 mm **89** 476/18 18 mm
89 476 14 14 " **89** 476/20 20 "
89 476 16 16 "

89 1143 { with letters or points / con letras ó puntas

Teetotum
Dados para volver

89/1138
2,4×5,2 cm

Leather-Dice-Cups — Cubiletes de cuero

89 4386/1 5 ×5 cm
89 4386/2 6 ×5½ "
89 4458 7 ×6 "
89 535 8 ×6 "
89 551 8 ×7 "
89 1915 9 ×7½ "
89 1915/1 10 ×8½ "

Poker-Dice — Dados de Poker

89 175 Vegetable ivory — Marfil vegetal
89 477G Galalith

Dominoes - Juegos de Domino

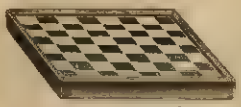
89 4478/1 **89** 4875/1 **89** 4875/2
Dominoes in wood — Juegos de Domino de madera
89 4342/1 **89** 4342/2
Wood with celluloid — Madera con celuloide

89 863 Wood with galalit — Madera con galalit
89 863B Wood with bone — Madera con hueso
89/4585 all galalit — galalit puro
In fine polished sliding boxes — En cajitas pulidas finas

6	28	Men	**89** 863/3	41×21 mm	**89** 4342/2 45×23 mm
6		Dados	**89** 863/4	43×23 "	**89** 4478/1 46×24 "
9		Men	**89** 863/5	48×25 "	**89** 4585/3 40×20 "
9	55	Dados	**89** 863/6	51×26 "	**89** 4585/4 44×22 "
			89 863B/4	46×24 "	**89** 4585/5 48×24 "
			89 863B/5	48×24 "	**89** 4585/6 51×26 "
			89 863B/6	54×28 "	**89** 4875/1 40×20 "
			89 4342/1	41×20 "	**89** 4875/2 42×22 "

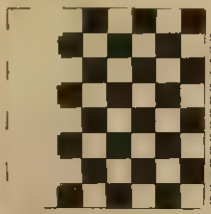
Size of the men
Tamaño de los dados

Chess-boards — Tableros de Ajedrez



	Size Tamaño cm
89 1284	22
89 1284	27
89 4588	31
	36
	41
	44

89, 1272, **89**/1275, **89**/1276E { without millgame / sin molino
89 1276, **89**,1280E, **89**/1282 { with millgame / con molino
89 4588 Glass without mill — Vidrio sin molino



89 1284/32	32 cm
89 1284/40	40 "
89 4584/18	18 "
89 4585/24	24 "
89/4585/28	28 "
89/4585/32	32 "
89 4585/36	36 "
89 4585/40	40 "
89 4858/32	32 "
89 4858/40	40 "
89 4858/48	48 "
89 5043/32	32 "
89 5043/40	40 "
89 5043/48	48 "

89 1284/32—48 {Real linoleum, light squares
89/5043/32—48 {Linoleum verdadera, casas claras
89/4858/32—48 {Real oilcloth / Tela encerada verdadera
89/4585/26—40 {Paper, imit. oilcloth / Papel, tela encerada imit.

Chessboard rolling - Tableros para Rodar

	cm
89 1287/25	25
89 1287/30	30
89 1287/35	35
89 1287/40	40
89/1287/45	45

89 1287/25—45

Game of Spillekins — Juego de Palitos

89 1085P 50 pcs. pzs. Wood — Madera
P = Cardboard boxes H = Wood boxes
P Cajitas de cartón H Cajitas de madera

89 1236P	18 pcs. pzs.	**89** 1236H		
89 1238P	25 "	**89** 1238H		
89 1240P	34 "	**89** 1240H	Bone	
89 1242P	44 "	**89** 1242H	Hueso	
89 1244P	54 "	**89** 1244H		
89 1246P	65 "	**89** 1246H		
89 1247P	70 "	**89** 1247H		

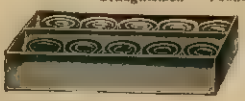
Draughtboards — Juegos de damas

89, 110B/1—5 **89** 111/1—5 } with men
89, 113E/2—5 **89**, 113ET/2—5 } con peónes
89/114/30—45 cm without men — sin peónes

Size of boards / Tamaño de los tableros	1	2	3	4	5
	22	26	31	36	41 cm

89, 110B/1—5 unpolished — no pulido
89 111/2—5 polished board — cuadros pulidos
89 113E/2—5 Oakwood polished Roble pulido
89/113ET/2—5 { same as **89**, 113E/2—5 but with cloth-backgammon / mismo como **89** 113E/2—5 pero con tric trac de paño
89/114/30—45 { real nut, cloth-backgammon, inlaid borders, extrafine / Castaño con paño, extra fino

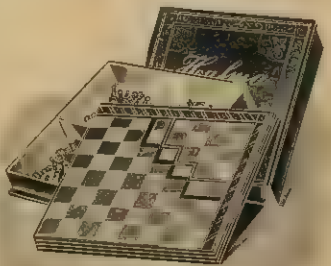
Draughtsmen — Peónes de damas



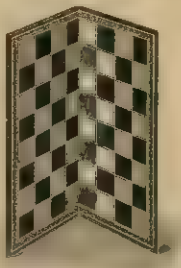
89 2411g/25 25 mm
89 2298/32 " 32 "
12 " 32 "

89 2411g/25 32 wood — madera
89 2297/25 50 } boxwood — bujo
89 2298/25 32 }
89 2439/24 32 bone — hueso

Halma games — Halma



89 457/2 32×16½ **89** 457/3 37×20 **89**/457/4 19×19 **89** 457/5 39×20 cm } Woodmen
89/4699/3 20×20 cm with galalitmen — Peónes de madera con figuras galalit



89 4302
89 1302M
Cardboard-Folding Chessboards
Tablero de ajedrez en carton

		cm
89 1302/2	24	cm
89 1302/3	30	"
89 1302/4	35	"
89 1302/5	41	"
89 1302M/2	24	"
89 1302M/3	30	"
89 1302M/4	35	"
89 1302M/5	41	"

89 4302/2—5 without mill — sin molino
89 1302M/2—5 with mill — con molino

Tiddedy Winks — with galalit counters — con fichas galalit

	Players Jugadores	Counters Fichas
89 4991/4×4	4	20
89 4991/4×6	6	28
89 4991/6×4	4	30
89/4991/6×6	6	42

89, 4568/6×6 18×9½ cm 6 Players-Jugadores. 12 Counters-Fichas

89 4349/1
35×11×6 cm

89 4349/2
35×17½×6½ cm

89 4349 1
89 4349 2
89 458
89 4582 gr
Erlenholzkasten
Alderwood boxes
Cajitas aliso pulido

89 4582 26½×18½×4½ cm
89 4582 gr without domino — sin domino
89/4582 gr 20×15½×5½ cm

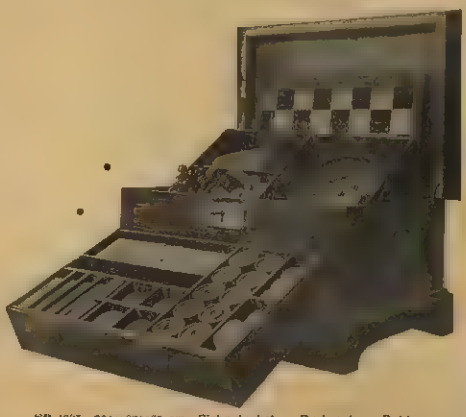
89 2959
89 2960
Nussbaumkasten
Box nutwood
Caja nogal

89 2959 26×20×12 cm
89/2960 28×20×12½ "

89 4174
Dunkel Mahagoni poliert
Dark Mahogany polished
Caoba oscura

89 4175
Hell poliert Kirschholz
Cherry-wood polished
Caja cerezo claro

89 4174 28×21×12 cm **89**/4175



89 4395 30½×22×20 cm Eiche dunkel — Dark oak — Roble oscuro

89 4673 28×19½×13 cm
Nußbaumkasten — Box nutwood — Caja nogal

89 3914
Nußbaum oder Mahagoni
Nutwood or Mahogany
varnished
Caja de caoba ó nogal
barnizada

89 3914
35×25×18½ cm

89 [illegible]
Nußbaumkasten — Box nutwood — Caja nogal oscuro

89 4911 26[illegible]×5 cm **89** 4[illegible] 17[illegible]×6,5 cm
89 4911 22½×14½×5 cm **89** 5049 27×17×6,5 cm

89 4913
89 4914
89 5048
89 5049
Kirschholzkasten
Cherry-wood boxes
Cajas cerezo

89 4847 31×24×8 cm Naturbuche — Beech-wood-box Caja de haya **89** 4817 [illegible] cm
Natureiche Box oak natural Caja roble natural

Spiel-Automobile + Serie 2400

Pull Automobiles · Line 2400

Automóviles-juguetes · Serie 2400

So schön kann ich nur mit „Cebaso 2400" spielen!

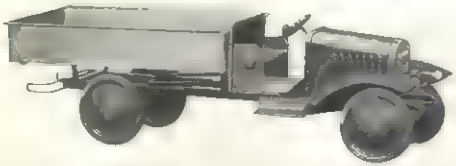
Selten hat ein Spielzeug einen gleichen Anklang gefunden als unsere Automobilserie 2400. Diese Automobile besitzen eine unübertroffene Haltbarkeit, ihr Untergestell ist so stark gebaut, daß sie 100 Kilo tragen, ohne den geringsten Einfluß einer solchen Belastung zu spüren. Die Schutzbleche sind aus starkem Eisenblech gestanzt, schwarz emailliert und im Ofen getrocknet. Die Karosserieen sind aus Holz oder Stahl, die Scheibenräder mit Gummi überzogen. Die Automobile können mit zwei elektrischen Scheinwerfern ausgestattet geliefert werden. Jedes Auto ist in einem Kasten aus starker, weißer Wellpappe verpackt.

Seldom a toy proved to be such a big success as our Automobile Line Nr. 2400. These automobiles are of an unsurpassed durability: their chassis are very strongly constructed and can carry more than 200 pounds. They have been designed as replicas of actual automobiles and are correct in every detail. The fenders are of pressed steel and black enameled. The body work is made of wood or steel, the disc wheels are covered with rubber tires. The automobiles can be equipped with two electric head lights. Each automobile is packed in a strong card-board box.

Raras veces un juguete ha encontrado una aceptación igual al nuestro automóvil serie 2400. Estos automóviles tienen una durabilidad sin rival, su chassis es de construcción tan fuerte que soportan 100 kilos, sin sentir la más mínima influencia de tal carga. Los guarda-barros están estampados de fuerte palastro, esmaltados de negro y desecados en el horno. Las carrocerías son de madera o de acero, las ruedas de disco revestidas de goma. Los automóviles pueden ser equipados de dos proyectores eléctricos. Cada auto va empaquetado en una caja de fuerte cartón ondulado blanco.

My most enjoying toy is my „Cebaso 2400"

Tan bien solamente puedo jugar con „Cebaso 2400"



No. **10/2424 L x Kippautomobil.** Der Kasten ist aus starkem Eisenblech und öffnet sich beim Kippen automatisch. — Dump Truck. Body of steel. The box opens automatically when operated. — Automóvil volquete. La caja es de fuerte palastro abriéndose automaticamente al volcar

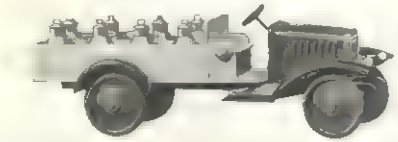
Farbe: rot und grau — Finish: red and gray — Color: rojo y gris.

Länge — Length — Largo . 68,5 cm Gewicht — Weight — Peso . 4,340 kg

No. **10/2403 L x Speditions-Automobil,** beladen mit 10 Kisten, Fässern und Säcken. — Loaded Truck, loaded with 10 cases, bags and barrels. Automóvil de expedición, cargado con 10 cajas, barriles y sacos.

Farbe: hellgrau und rot — Finish: red and light gray — Color: gris claro y rojo.

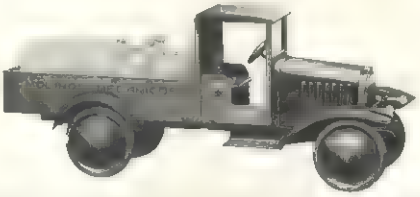
Länge — Length — Largo . 62 cm Gewicht — Weight — Peso . 4,320 kg



No. **10/2414 L x Milchauto,** mit 8 Milchkannen beladen. — Milk Truck, loaded with 8 strong milk cans. — Automóvil para leche, cargado de 8 lecheras.

Farbe: rot und weiß — Finish: red and white — Color: rojo y blanco.

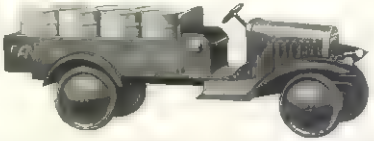
Länge — Length — Largo . 62 cm Gewicht — Weight — Peso . 3,750 kg



No. **10/2406 L x Mühlen-Automobil,** mit Aufschrift „Mühlenwerke", mit 15 Säcken beladen. — Müller's Truck, loaded with 15 flour sacks. — Automóvil de molino, con letrero „Molinos mécanicos", cargado de 15 sacos.

Farbe: grün — Finish: green — Color: verde.

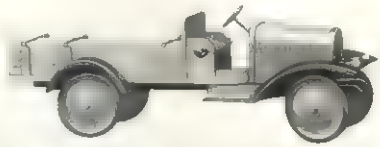
Länge — Length — Largo . 62 cm Gewicht — Weight — Peso . 4,220 kg



No. **10/2404 L x Tankautomobil,** mit Aufschrift „Tankstelle", mit 7 Blechtonnen beladen. — Truck, lettered „Filling Station", loaded with 7 gasoline tanks. — Automóvil de tanque, con letrero „lugar de tanque", cargado de 7 barriles de hojalata.

Farbe: grün — Finish: green — Color: verde.

Länge — Length — Largo . 62 cm Gewicht — Weight — Peso . 3,870 kg



No. **10/2405 L x Holz-Automobil,** mit Langholz beladen. Lumber Truck, loaded with wood. Automóvil para madera, cargado de vigas largas.

Farbe: blau — Finish: blue — Color: azul.

Länge — Length — Largo . 62 cm Gewicht — Weight — Peso . 4,280 kg

Sämtliche Automobile sind mit zwei elektrischen Scheinwerfern, Schalter, Kabel und Batteriehalter lieferbar. Die Nummer hat dann die Bezeichnung „Lx", wie oben beschrieben.
All automobiles of this line can be furnished with two electric head lights and complete fittings. If the automobiles are to be equipped with lights, please add to the number „Lx" as shown in the above description. — Todos los automóviles pueden suministrarse con dos proyectores eléctricos interruptor, cable y porta-batería. El número en este caso lleva la designación „Lx"

Kaufläden — Shops

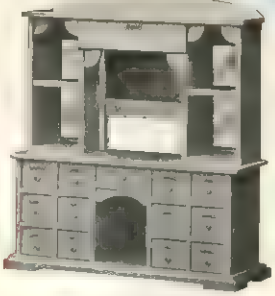
fein weiß lackiert, mit weißen oder farbigen Kästen (rot, orange, grün, blau) — fine white varnished with white or colored drawers (red, orange, green, blue.)

CEBASO

Tiendas

finamente barnizades blanco, con cajas blanco ú de color (rojo, naranja, verde, azul).

No. 10/6135/1

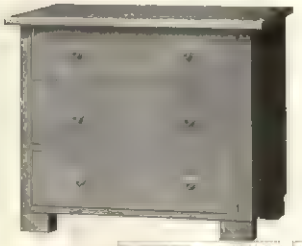


No. 10/6139 Mit Jalousie with Blind — con Cortina

No. 10/6136/3 Mit Schiebefenster with sash-window — con ventana de corredera

No. 10/6137½ Mit Schaukasten with show-cases — con vitrinas

		No. 10/6135, 0	1	2	3	No. 10/6139/3	4	No. 10/6136/3	2	3	4	No. 10/6137½
Höhe	height — altura	38	57	72	72	60	73	60	30	54	66	115
Breite	breadth — anchura	32	47	59	72	52	61	37	44	52	61	72
Tiefe	depth — hondura	19	22	28	28	21	25	16	19	21	25	90
Anzahl der Kästen	quantity of drawers — cantidad del cajón	6	8	8	16	13	13	5	7	13	13	11
Nettogewicht	net weight — peso neto kg	2,9	3,8	7,1	8,7	6,5	9,1	2,4	3,7	5,3	7,6	21,0



No. 10/6180 einfache Ausführung, weiß lack. — **Light finish,** white enameled **Ejecución sencilla,** barnizado de blanco.

No. 10/6010 einfache, aber schwere Ausführung (größere Nummern), hochf. weiß lackiert **Heavy construction** (bigger sizes), Highest quality white enamel finish — **Ejecución sencilla mas pesada,** (números mayores), barnizado finísimo blanco.

No. 10/6011 feine schwere Ausführung, oberes Schubfach mit Schloß, hochfein weiß lackiert — **Heavy construction,** top drawer with lock, highest quality white enamel finish — **Ejecución fina, mas pesada,** la gaveta superior con cerradura, barnizado blanco finísimo.

Größen	3	4	5	6	7	8
Höhe — height — altura cm	32	39	42	48	52	67
Breite — breadth — anchura cm	37	44	55	62	67	79
Tiefe — depth — hondura cm	24	25	29	33	35	40
Nettogewicht — net-weight — peso-neto kg — No. 10/6180	3,1	4,3	7,1	—	—	—
No. 10/6010	—	—	—	10,7	12	19
No. 10/6011	4,4	6,2	8,5	10,8	12,3	19,5

No. 10/6157/58 Schreibpult mit Stuhl — Roll top Desk — Pupitre con silla. Kinderschreibtisch mit Rolljalousie und praktischer Einteilung, Buche naturlackiert. Schreibplatte mit grünem Filz überzogen, Stuhlsitz gepolstert. Äußerst solide Ausführung. — Made of selected beech wood, highly varnished. Desk covered with green felt. Seat of chair upholstered. Escritorio de niños con celosía y división practica. Haya barnizada a natural la tabla de escribir cubierta de filtro verde, el asiento acolchado. Ejecución superfina.

Höhe	height — altura	cm	81
Breite	breadth — anchura	cm	78
Tiefe	depth — hondura	cm	47
Höhe der Schreibplatte	height of platform — altura de la tabla de escribir	cm	58
Höhe des Stuhlsitzes	height of seat — altura del asiento de la silla	cm	33
Nettogewicht	net-weight — peso-neto	kg	23,5

No. 10/6186

Leichte Ausführung ohne Schubkasten, weiß lackiert **Light finish,** with drawer, white enameled **Ejecución ligera,** sin gaveta, barnizado de blanco.

No. 10/6186/2	3	4	5	
Höhe — height — altura	49	54	60	70 cm
Breite — breadth — anchura	31	34	35	40 cm
Tiefe — depth — hondura	18	19	20	22 cm
Nettogewicht — net-weight — peso neto	2,5	3	3,4	5 kg

Schwere Ausführung ohne Schubkasten, weißer Emaillelack — **Heavy construction,** without drawer, highest quality white enamel finish — **Ejecución pesada,** sin gaveta, barnizado esmalte blanco.

Leichte Ausführung mit Schubkasten, weiß lackiert — **Light finish,** with drawer white enameled **Ejecución ligera,** con gaveta, barnizado de blanco.

No. 10/6000/6	7	8	9	No. 10/6157/3	4	5	
Höhe — height — altura	80	90			54	60	70 cm
Breite — breadth — anchura	40	53			34	35	40 cm
Tiefe — depth — hondura	25	37			19	20	22 cm
Nettogewicht — net-weight — peso neto	7,9	10			3,5	4	5,7 kg

Schwere Ausführung mit Schubladen, ersticklosiger weißer Emaillelack. **Heavy construction,** with drawer, highest quality white enamel finish **Ejecución pesada,** con gaveta, barnizado esmalte blanco de la clase

No. 10/6001/2	3	4	5	6	7	8	9	10	
Höhe — height — altura	50	55	60	70	80	90	00	120	44 cm
Breite — breadth — anchura	31	34	35	40	46	53	58	69	78 cm
Tiefe — depth — hondura	18	19	20	22	25	27	30	35	42 cm
Nettogewicht — net-weight — peso neto	3,8	4,5	5,3	7,2	9,7	12,6	13,5	22	31 kg

No. 10/6044

Tisch — table — mesa 57×34×54 cm
Nettogewicht — net-weight — peso-neto 5,5 kg

Sessel — chair — silleta 46×38 cm, Sitzhöhe — height of seat — altura de asiento 43 cm
Nettogewicht — net-weight — peso-neto 3,7 kg

Gewicht der gesamten Garnitur — weight of complete suite — peso de todo el juego 12,9 kg netto — net — neto.

No. 10/6072 Schultafel, Gestell aus Buche, naturlack., Tafel schwarzlack., eine Seite ohne Linien, 1 Seite mit Doppellinien od. Sütterlinienton. — **Blackboard** Easel made of hardwood in natural finish and varnished. One side of backboard without lines and one side with double ones or Sueterlin ones. **Pizarra** Armazón de haya barnizado a natural, pizarra barnizada de negro, una cara sin renglones, la otra cara con renglones dobles o renglones sistema Sütterlin.

No. 10/6198

Garnituren, bestehend aus 1 Tisch, 2 Stühlen, 1 Bank — **Complete suites:** 1 Table, 2 Chairs, 1 Bench **Juegos,** compuestos de: 1 mesa, 2 sillas, 1 banqueta

No. 10/6198 Naturlackiert — natural finish — barnizado natural — Nettogewicht net-weight — peso-neto 11,5 kg.

No. 10/6199 Farbig lackiert — coloured finish — barnizado de colores — Nettogewicht net-weight — peso-neto 12,1 kg.

No. 10/6088 dieselbe Tafel mit nicht lackiertem einfachen Buchennolzgestell. — the same with plain easel (not varnished) la misma pizarra con armazón sencilla, no barnizado

No. 10/6072, 1	2	3	10/6088/2/0	0	1	2	3	
Höhe des Gestells — height easel — altura del armazón cm	100	125	150	70	90	100	125	150
Tafelgröße — table size — tamaño de la pizarra cm	50×35	60×40	70×50	35×25	40×30	50×35	60×40	70×50
Nettogewicht — net-weight — peso-neto kg	2,6	3,5	4,6	1,2	1,8	2,8	3,1	4

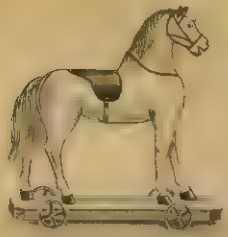
53 200/6 23×16 cm

53 200E/2-18 same as **53**/200/2-18 but with iron wheels

53 [illegible]

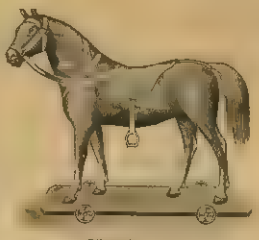
53/200/2 18 pero con ruedas de hierro

53 200/2	16 ×10 cm
53 200/3	18½×12 „
53 200/4	18½×12 „
53 [illegible]	20 × „
53 [illegible]	[illegible] „
53 [illegible]	[illegible] „



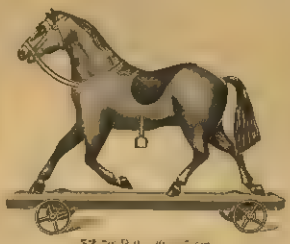
53/202/7 25×18 cm

53 200/8	27×20 cm
53 200/9	30×22 „
53 [illegible]	[illegible] „
53 200/11	35×27 „
53 200/12	39×29 „
53/200/13	45×32 „
53 200/14	51×36 „
53 200/15	53×40 „
53 [illegible]	[illegible] „
53 [illegible]	[illegible] „
53 [illegible]	[illegible] „



53 [illegible]

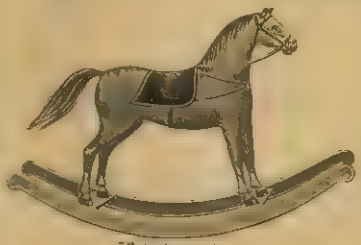
53/202/5	90×131 cm
53 202/6	22×16 „
53 [illegible]	[illegible] „
53 202/8	27×20 „
53 202/9	30×22 „
53 202/10	33×24 „
53 202/11	35×27 „
53 [illegible]/R/00	21×15 „
53 [illegible]	[illegible] „
53 [illegible] R 1	[illegible] „
53 [illegible]	[illegible] „
53 700 R 3	[illegible] „



53 707R 2 20×[illegible] cm

53 700R/4	38×26 cm
53 700R 5	38×29 „
53 [illegible] R 6	[illegible] „
53 700 R 7	48×36 „
53 700R 8	50×40 „
53 700R 9	[illegible] „
53/700R/10	[illegible] „

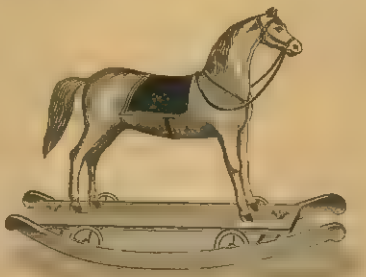
53/707R/0	15×12 cm
53/707R/1	18×14 „
53 [illegible] R	15 „
53/707R/3	[illegible] „



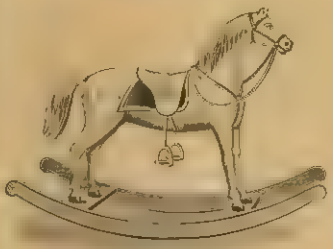
53 [illegible] [illegible] cm

53 [illegible] 7 } with painted saddle
53 [illegible] 7 } con silla pintada

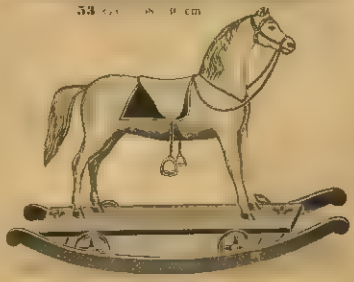
53 [illegible] 1	56×38 cm
53 [illegible] 2	60×40 „
53 [illegible] 3	64×43 „
53 [illegible] 4	69×46 „
53 [illegible] 5	[illegible] „
53 [illegible] 6	[illegible] „
53 [illegible] 7	[illegible] „
53 [illegible] W 1	[illegible] „
53 [illegible] W 2	[illegible] „
53 [illegible] W 3	[illegible] „
53 [illegible] W 4	[illegible] „
53 [illegible] W 5	[illegible] „
53 [illegible] E	[illegible] „
53 [illegible]	[illegible] „
53 [illegible]	[illegible] „
53 [illegible]	[illegible] „
53 [illegible]	[illegible] „
53 [illegible]	[illegible] „
53 [illegible] W 1	67×43 „
53 [illegible] W 2	79×46 „
53 235W/5	76×48 „
53/235W/6	88×64 „
53 235W 7	91×80 „
53 [illegible]	86×58 „
53 [illegible]	[illegible] „
53 [illegible]	80×46 „
53 785.3	85×[illegible] „
53 785.4	90×[illegible] „



53 [illegible] [illegible] cm

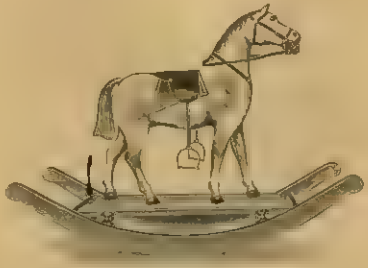


53/235W/3 64×43 cm



53 235W/3 67×43 cm

53 715/1 Length Largo 17 cm
53/715/2 „ „ 20 „



53 785/1 73×44 cm

53 730.1
Length, Largo 17 cm

53 602 50×27×23 cm

53 601	40×27×23 cm
53 602	50×27×33 „
53 603	46×31×30 „
53 604	50×36×31 „

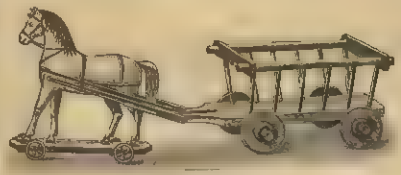
53 720/1	Length Largo 17 cm
53 720/2	„ „ 20 „
53/720/3	„ „ 24 „

53 [illegible] [illegible] cm

Wagons with horses of wood finely painted and varnished

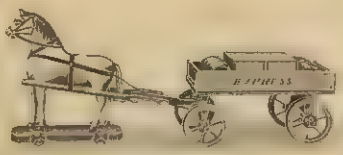
Carros con caballos de madera finamente pintados y barnizados

L. Length — Largura

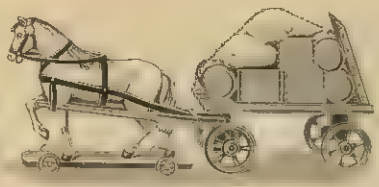


53 [illegible] L 48 cm
53 [illegible] L 60 „
53 [illegible] L 80 „

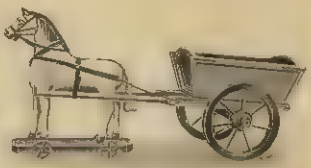
53/295/1 L 47 cm
53/295/2 L 70 „
53 295/3 L 80 „



53 [illegible] L [illegible] cm
53 [illegible] L [illegible] „
53 [illegible] L 80 „
53 [illegible] L 65 „
53 [illegible] L 47 „
53 [illegible] L 57 „

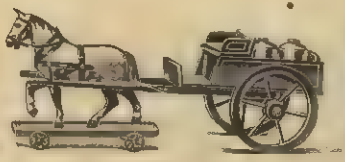


53 [illegible] L [illegible] cm
53 [illegible] L [illegible] „
53/807/3 L 70 „
53/807/4 L 80 „



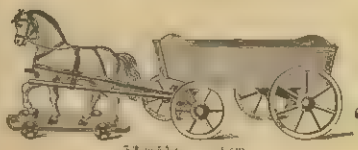
53 [illegible] L [illegible] cm
53 [illegible] L 70 „
53 [illegible] L 6[illegible] „
53 [illegible] L 81 „
53 [illegible] L 47 „
53 345,11 L 81 „

53 840/1 L 48 cm
53 840/2 L 54 „
53 [illegible] L [illegible] „

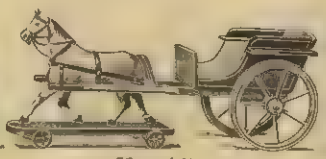


53 [illegible] L [illegible] cm

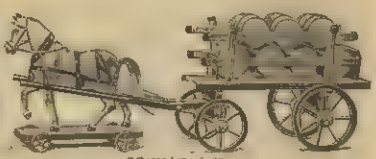
53 [illegible] L [illegible] cm
53 [illegible] L [illegible] „
53 [illegible] L [illegible] „



53 [illegible] L [illegible] cm
53 [illegible] L 65 „
53 [illegible] L [illegible] „
53 [illegible] L [illegible] „
53 [illegible] L [illegible] „



53/895 L 51 cm



53 825A/0 L 65 cm
53/825A 1 L 77 „

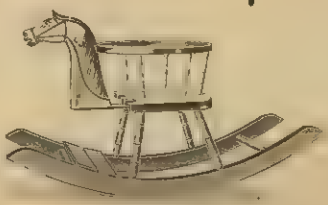
Rocking chairs can be completely folded

Mecedores de madera enteramente plegables

53 250 L 110 cm

53 [illegible] L [illegible] cm

53 260 L [illegible] cm



53/265 L 98 cm

53 261 L [illegible] cm

Indian tents
Tiendas de campaña de indiano

	Height/Altura
19 Z1	180 cm
19 Z2	200 „
19 Z3	250 „

Indianer-Ausrüstungen
Indian outfits for children
Equipos de indiano para niños

19/1802R

19/1804R
better quality
calidad mejor

19/1801

19/1802

19/1803

19/1805

19/1808

Indianer-Anzug mit Revolver und Lasso
Indian dress with revolver and lasso
Traje de indiano con revólver y lazo

Size of child
Tamaño del niño
19 [illegible] 120 cm abt. ca.
19 [illegible] 150 „ „ „

19/2000 35×25 cm
19/2001 35×33 „

19/2002 60×35 cm

19/2012 50×30×3 cm

19 [illegible]
19 [illegible]

19/2006 70×37 cm

19/2007 70×37 cm

19/2008 70×47 cm

19/2010 70×47 cm

Tischtennis – Table tennis – Tennis de mesa

19/402 29×26×5 cm

19/404 40×29×5 cm
19/434 38×26×5 cm

19/403 38×25×5 cm

Table Tennis Balls – Pelotas para Tennis de mesa

19/502
19/504
19/505
19/507
19/508
} different qualities / diferentes calidades

19/502
19/506
different qualities
diferentes calidades

19/502
19/504
19/505
19/507
19/508
} matt / dull / apagado

19/503
19/506
} polished / pulido

89 1250S 35×26×19½ cm
Dunkel Mahagoni poliert
Dark Mahogany — Caoba oscura

89/4172 28½×21×19½ cm
Birke poliert — Box birchtree — Caja de abedul
89/4172M 28½×21×19½ cm
Dunkel Mahagoni — Dark Mahogany — Caoba oscura

89/4677 25×17½×10½ cm
Nußbaumkasten
Box nutwood — Caja nogal

Galalit counters — Fichas de Galalit

89/2616/15 ø 15 mm
89/2616/17 „ 17 „
89 2616/22 „ 22 „
89 2616/26 ø 26 mm
89 2616/30 „ 30 „
89/2616/33 „ 33 „

Galalithmarken, Chipskasten und Pokerkasten mit Galalithmarken
Galalit Counters, Poker-Cases and Boxes with Galalit Counters
Fichas Galalit, Caja Poker y Cajitas de Fichas Galalit

89 2064 8H [illegible] cm
89 2064 1a 16½ × 6½ „
89 2064b 16½ × 6½ „
89 2064c 16½ × 6½ „
} 100 pcs. in 4 colours in cardboard boxes / 100 pzs. en 4 colores en cajitas de cartón

89 2064 8H 16½ × 6½ cm
89 2064H [illegible] „
89 2064BH 21 × 7½ „
89 2064cH 24½ × 7½ „
} 100 pcs. in 4 colours in polished sliding boxes / 100 pzs. en 4 colores en cajita con correderas pulidas

89/5088/17 ø 17 mm 10 × 6 cm
89 5088/22 „ 22 „ 12 × 5 „
89 5088/26 „ 26 „ 14 × 5½ „
89 5088/30 „ 30 „ 16 × 5½ „
89/5088/33 „ 33 „ 17½ × 6½ „
} 100 pcs. in 5 colours in cardboard boxes / 100 pzs. en 5 colores en cajitas de cartón

89 4726 19½×19½×4½ cm
5 colours — 5 colores
200 pcs. pzs. 44 mm rd
200 „ „ „

89 4639 22×17×7 cm
Eiche dunkel — Dark oak — Roble oscuro
200 pcs.pzs. 30 mm ø rd 5 col
40 „ 20×40 „ white - blanco
40 „ 18×28 „ pink - rosado
20 „ 40 × 10 „ green - verde
total 300 pcs pzs

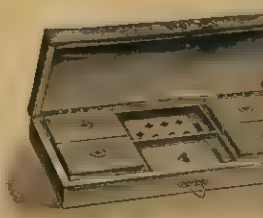
89 1 28 [illegible] cm
89 4729 14 × [illegible] „
89 4782 16½×7½ „
89 4967 12½×5½ „
89 4968 16½×7½ „
} 100 pcs. in 4 colours / 100 pzs. en 4 colores

5 colours — 5 colores

89 4720 100 pcs pzs ø 26 mm 16½ × 6 × 3½ cm
89 4721 200 „ „ 26 „ 16½×10 ×3½ „
89 4722 100 „ „ 26 „ 16½×14½×3½ „
89 4723 100 „ „ 33 „ 19½× 6 ×4 „
89 4724 200 „ „ 33 „ 19½×10 ×4 „
89 4725 200 „ „ 33 „ 19½×14 ×4 „
89 4961/17 100 „ „ 17 „ 10½× 5½×2½ „
89 4961/22 100 „ „ 22 „ 12½× 5½ 2½ „
89 4961/26 100 „ „ 26 „ 14 × 5½×2½ „
89 4961/30 100 „ „ 30 „ 16½× 5½ 3½ „
89 4961/33 100 „ „ 33 „ 18 × 6½×3½ „

89 4437 1a 18½×12½×10 cm } without counters
89/4437/2a 21 ×12½×10 „ } sin fichas

89,4437.1b 18½×12½×10 cm } with counters
89/4437/2b 21 ×12½×10 „ } con fichas



33×17 cm

89 4078a	**89** 4078b	
Mahagoni	Nußbaum	hell poliert
Mahogany	Nutwood	light polished
Caoba	Nogal	pulido claro

11 /5302/3
11,5×9,7×24,8 cm

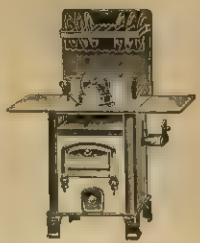
11 /5304/1
9 ×8,8×21,1 „
11 /5304/2
10,3×9,1×22,4 „
11 /5304/3
11,5×9,7×24,8 „

11 /6395/2
14,9×11,9×18,4 cm

11 /6395/1
12,9× 9,8×16,3 „
11 /6395/3
16,9×13,4×20,5 „

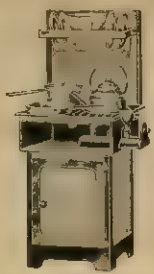
11 /5300/2
10,5×10,8×24,6 cm

11 /5300/1
8,9× 9 ×19,9 „
11 /5300/3
11,8×12,2×28 „



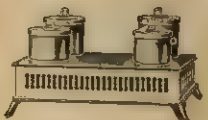
11 /5400/2
22,8× 12 ×27,8 cm

11 /5400/1
17,3× 8,8×19,4 „
11 /5400/2
20,4×10,5×24,5 „



11 /6864/2
18 × 12,5 × 41 cm

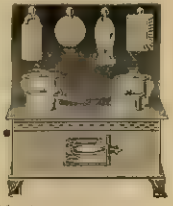
11 /6864/1
14,4×10,8×28,1 „
11 /6864/3
18 ×14,5×34,5 „



11 /6912/3 20,2×14,9×8,6 cm
11 /6912/2 14,2× 9,7×6,6 „
11 /6912/1 [illegible] „
11 /6912/4 18 × 12,1×6,6 „

11 /5716/1 10,8×11 × 5 cm
11 /5716/2 [illegible]
11 /5716/3 [illegible]

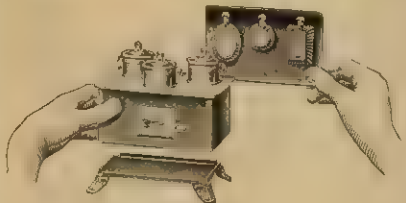
11 /5716/4 18 ×14,5× 9,2 cm
11 /7743/1 14,3× 9,5×18,2 „
11 /7743/2 16 ×10,3×19,5 „
11 /7743/1½ 17 ×11,5×20,5 „
11 /7743/2½ 19,8×12,5×22 „



11 /458/4 19,5×12,8×22,8 cm
11 /458/1 11,8× 8,3×15,3 „
11 /458/1½ 13,3× 9,2×17 „
11 /458/2 14,2× 9,8×18,2 „
11 /458/3 16,8×11,4×20,8 „
11 /458/5 22,1×14,6×24 „

11 /518/3 18 ×12 ×21 cm
11 /518/1 [illegible]
11 /518/1 11,5 · 8 ×15 „
11 /518/2 14,5 ·0 ×18 „
11 /518/2½ 17 ×11,2×14 „
11 /518/2½ 17 ×11,2×19 „
11 /518/3 18 ×12 ×21 „
11 /518/4 20 ×13 ×22

11 /6415/2 28,8×16,8×8,9 cm
11 /6415/1 23,1×15,6×8,9 „
11 /6415/3 34 ×19,6×8,9 „

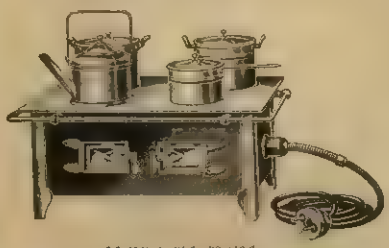


11 /654/1 6
A set of 6 pieces — Un juego de 6 piezas = **11** /654/1 6

To save space, the stoves **11** /654/1 6 are delivered nested. Please order of these series always quantities of sets
Para economizar gastos las cocinas **11** /654/1 —6 se suministran uno en otro. Pida Vd. de esta serie siempre cantidades de juegos

11 654/1 12 × [illegible] × 14,5 cm
11 /654/2 13,8× 9 ×16,5 „
11 /654/3 15,5×10,8×19 „
11 /654/4 18 × [illegible] „
11 /654/5 20 × [illegible] „
11 /654/6 23,5 × [illegible] „

11 /6400/3 14 × 20 × 35,8 cm
11 /6400/1 22,8×15,6×28,5 „
11 /6400/2 28,8× 17 × 36,6 „



11 2040/3 51,6×22×13,6 cm
With order state voltage — Indicar el voltaje con el pedido

Blechküchen
Toy-Kitchens
Cocinas de lata

11 806/3 27 ×17 ×17 cm

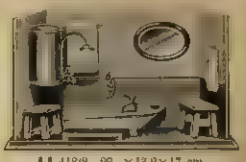
11 781/1 18,5× 8 × 11 cm
11 781/2 [illegible] „
11 781/3 [illegible] „
11 781/4 [illegible] „
11 781/5 [illegible] „
11 781/6 [illegible] „
11 806/2 [illegible] „
11 806/3 [illegible] „
11 806/4 27 ×10,7×17 „
11 /806/4 81 ×12 ×17,5 „
11 /806/4½ 34 ×13,7×19 „

11 /781/2 20,7×9,4×12,2 cm

11 2040/1 cm [illegible]
11 /2040/2 [illegible]
11 /2040/3 [illegible]
11 /2040/4 [illegible]
11 /816 2/0E 33,5×15 ×20
11 /816/2/0 33,5×15 ×20
11 /816 2/0½ 36 ×16 ×20
11 /816/0 [illegible]
11 /8 0/1 [illegible]
11 /816/2/0 [illegible]
11 /818/0 [illegible]
11 /8 8/1 [illegible]
11 /8 8/2 [illegible]
11 /8 8/3 [illegible]
11 /818/4 [illegible]

Dolls Bathrooms — Cuartos de baño

11 818 41×29 ×22,5 cm



11 418/2 29 ×13,2×17 cm
11 418/1 23,5×11,5×15 „
11 /418/3 35 ×15,5×19 „

Blechhausrat — Tin Utensils — Utensilios de hojalata

11/348/0 Length Largura 13 cm
11/348/1 14 „
11/348/2 14,4 „
11/348/3 16,8 „
11/348/4 18 „
11/348/4½ 19 „
11 348/5 20,1 „
11/348/6 21,8 „
11/348/7 22,5 „
11/348/8 24,5 „
11/348/9 27,6 „

11/349/9 Length Largura
11/349/4 18 cm
11/349/5 20,1 „
11/349/6 21,8 „
11/349/7 22,5 „
11/349/8 24,5 „
11/349/9 27,6 „
11/349/10 31,5 „

11/360/10

	Length Largura		Length Largura
11/360/4	18 cm	11/360/9	27,5 cm
11/360/5	20,1 „	11/360/10	31,5 „
11/360/6	21,8 „	11/360/11	34 „
11/360/7	22,5 „	11/360/12	37 „
11/360/8	24,5 „		

11/1138G/9

11/1136/4

	Length of broom Largura de la escoba	Breadth of shovel Anchura de la pala
11/1138G/0	10,8 cm	10,6 cm
11/1138G/1	13 „	12 „
11/1138G/2	14,5 „	13 „
11/1138G/3	14,5 „	14,5 „
11/1138G/4	18,5 „	14 „
11/1138G/5	24 „	20 „

11/370/10

	Length Largura
11/370/9	27,5 cm
11/370/10	31,5 „
11/370/11	36 „
11/370/12	38,5 „

11/303/4

	Length Largura
11/303/0	13 cm
11/303/1	14 „
11/303/2	15 „
11/303/3	16,8 „
11/303/4	17,7 „
11/303/4½	19 „
11/303/5	20,5 „
11/303/6	21,8 „
11/303/7	23 „

11/1105/4

Waschgarnituren
Washing sets
Utensilios de lavadero

	Height Altura
11/1105/1	5,5 cm
11/1105/2	6 „
11/1105/3	6,5 „
11/1105/4	9 „
11/1107/1	7 „
11/1107/2	12 „
11/1107/3	15 „
11/1107/4	19 „

11/1107/3

Kinder-Gießkannen
Children's sprinklers
Regaderas para niños

11/1145/1

	Height Altura
11/1145/1	13 cm
11/1145/2	16,5 „
11/1145/3	18 „
11/1145/3½	19 „
11/1145/4	23,5 „
11/1145/5	26,5 „
11/1145/6	27,9 „
11/1145/7	29 „
11/1145/8	35 „
11/1890/3/0	9 cm
11/1890/3/0	10 „
11/1890/0	10,7 „
11/1890/0½	12,5 „
11/1890/1	14 „
11/1890/2	14,5 „

Kinder-Eimer
Children's Pails
Cubos para niños

11/1890/1

Kaffeemühle
Coffeemill
Molino de café

11/1140/1

11/1140/1 6×6×7 cm
11/1140/2 7×7×7,5 „
11/1140/3 8×8×9,5 „

Celluloid-rattles mostly with bells and trumpets

Sonajeros de celuloide por la mayor parte con campanillas y trompetas

5/95 30 cm
5/96 29 cm
5/97 30 cm
5/98 23 cm
5/99 23 cm
5/100 22 cm
5/101 20 cm
5/102 20 cm
5/103 20 cm
5/116 19 cm

5/106 5 cm

5/107 17 cm

5/104 33 cm

5/108 25 cm

5/109 25 cm

5/110 19 cm

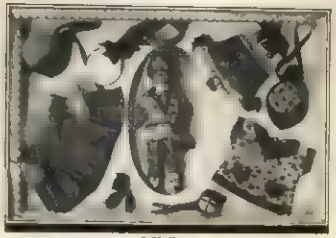
5/111 32 cm

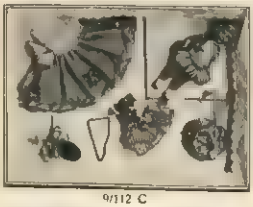
	Length Largura
5/110	19 cm
5/110/I	27 „
5/110/II	32 „
5/111	32 „
5/111/I	40 „
5/112	33 „
5/112/I	42 „
5/112/II	58 „
5/112/III	80 „
5/113	43 „
5/113/I	53 „
5/113/II	90 „

5/112 33 cm

5/113 43 cm

Porzellanpuppen, Nankingbälge mit und ohne Kleidung, Scherzfiguren.
Porcelain-dolls, nankeen-dolls with or without clothes, jest-figures.
Muñecas de porcelana, muñecas de nankin con o sin vestidos, figuras de chanza


9/99 C

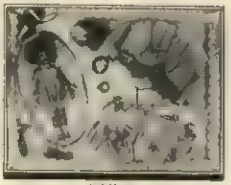

9/112 C

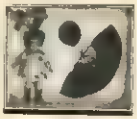
9/63 C

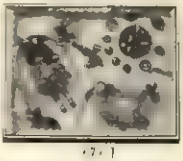
9/100 C

9/80 C

9/61 C


9/121 C

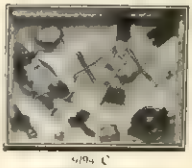

9/51 C


9/71 C

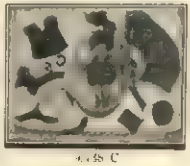
9/143 C

9/156 P

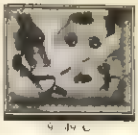
9/66 P

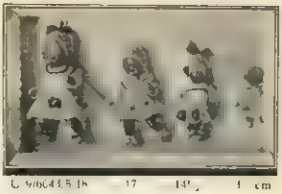

9/94 C

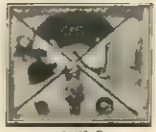
9/1.. C


9/158 C

9/41 C

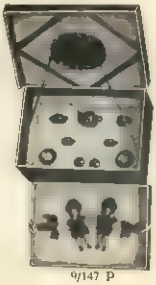

9/.. C

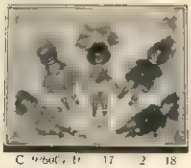

C 9/6044.5 18 17 14½ 1 cm


9/125 P

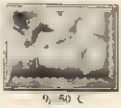
9/6044.4 C

9/6038.3 6 7 5 C


9/147 P


C 9/6047 18 17 2 18

9/6044/8 C

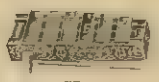

9/.. C

9/7004.2 C

9/6032.6 C

9/6037 C

9/23 P



75/1/6

offen, auf 4 cm hohem lithogr. Holzsteg, mit 16 mm breiten bronzierten Stahlplatten

open, on lithogr. wooden bridge 3 cm high, with bronzed steel-plates, 16 mm width

abierto, sobre puente de madera litogr. de 3 cm de alto, con placas de acero bronceadas de 16 mm de ancho

Tones Tonos	Breadth Ancho	
75 1/6	1	cm
75 1/8	8	„
75 1/10	24	„
75 1/12	30	„
75 1/14	35	
75 1/16	40	
75 1/18	45	„
75 1/20	4	

75/4A/12

in 3,5 cm hohem Glanzkarton, mit 16 mm breiten bronzierten Stahlplatten

In lustre card-box of 3,5 cm height, with bronzed steel-plates of 16 mm width

en cajita de cartón de 3,5 cm de alto, con placas de acero bronceadas de 16 mm de ancho

Tones Tonos	Breadth Ancho	Depth Profundo	
75 4A/8	20,5	5,5	cm
75 4A 10	25	9,5	„
75 4A 12	31	10,5	„
75 4A 14	36	11,5	„
75 4A 15	38,5	10,5	„
75 4A 16	39,5	11	„
75 4A 18	44	11	„
75 4A/20	49,5	12	„
75 4A/22	54	12,5	„

75/4B/10

in 3 cm hohem lithogr. Holzkarton mit Klappdeckel (Buchform), 19 mm breiten bronz. Stahlplatten

in lithogr. wooden box with raising-lid (book-shape), bronzed steel-plates of 19 mm width

en cajita de madera litogr. con tapa de levantar (forma de libro), placas de acero bronceadas de 19 mm de ancho

Tones Tonos	Breadth Ancho	Depth Profundo	
75 4B 8	29,5	9,5	cm
75 4B 10	35	11	„
75 4B/12	44	13	„
75 4B 14	48,5	12,5	„
75 4B 15	51	12,5	„
75 4B 16	53,5	13,5	„
75 4B 18	58,5	13,5	„
75 4B 20	63	15	„

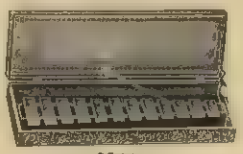
75/4L

in 4 cm hohem lithogr. Holzkarton mit Haken, 24 mm breiten bronzierten Stahlplatten und Nickelstiften

in lithogr. wood-box of 4 cm height with hook, with bronzed steel-plates of 24 mm width, and nickel-pins

en cajita de madera litogr. de 4 cm de alto con gancho, con placas de acero bronceadas de 24 mm de ancho y clavijas de níquel

Tones Tonos	Breadth Ancho	Depth Profundo	
75 5/8	27	11	cm
75 5/10	33	12	„
75 5/12	39	13	„
75 5/14	44	13,5	„
75 5/15	46	14	„
75 5/16	48	14	„
75 5/18	53	15	„
75 5/20	57	15	„
75 5A/8 and-y 5	29	15	„
75 5A/9 and-y 6	35	20	„
75 5A/10 and-y 7	39	20	„
75 5A/12 and-y 8	44	20	„
75 5A/15 and-y 10	54	20	
75 5A/18 and-y 12	64	22,5	„
75 5A/22 and-y 15	77	25,5	„
75 6/8	29	11	„
75 6/10	36	11	„
75 6/12	43	11	„
75 6/14	49	11	„
75 6/15	51	11	„
75 6/16	53	11	„
75 6/18	58	11	„
75 6/20	64	11	„
75 6A/8 and-y 5	32	18	„
75 6A/9 and-y 6	38	18	„
75 6A/10 and-y 7	43	20	„
75 6A/12 and-y 8	48	20	„
75 6A/15 and-y 10	59	20	„
75 6A/18 and-y 12	70	20	„
75 6A/22 and-y 15	85	20	„

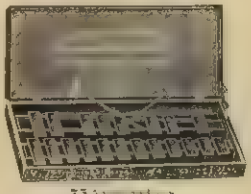


75/6/8

in 6 cm hohem fl. lithographierten Holzkasten, mit Scharnierdeckel, 23 mm breiten vernickelten Stahlplatten und Nickelstiften

in superfine lithogr. wooden box of 6 cm height with hinged lid, nickeled steel-plates of 23 mm width, and nickel-pins

en cajita de madera, elegante litogr., de 6 cm de alto, con tapa con charneras, placas de acero niquelado de 23 mm de ancho, y clavijas de níquel



75/6A/8 and-y 5
75/6A/10 and-y 8
75/6A/12 and-y 8

75/6A wie 75/6, jedoch mit ganzen und halben Tönen

same as 75/6, but with whole- and half-tones

como 75/6, pero con tonos enteros y medios

75/6A wie 75/6, jedoch mit ganzen und halben Tönen

same as 75/6, but with whole- and half-tones

como 75/6, pero con tonos enteros y medios

75/7A wie 75/7, jedoch mit ganzen und halben Tönen

same as 75/7, but with whole- and half-tones

como 75/7, pero con tonos enteros y medios

75/8/12

in 4 cm hohem lithographierten Holzkasten mit Haken, 20 mm breiten vernickelten Stahlplatten und Nickelstiften

in lithogr. wooden box of 4 cm height with hook, with nickeled steel-plates of 20 mm width, and nickel-pins

en cajita de madera litogr. de 4 cm de alto con gancho, con placas de acero niquelado de 20 mm de ancho y clavijas de níquel

Tones Tonos	Breadth Ancho	Depth Profundo	
75 6A/8 and-y 5	29	15	cm
75 6A/9 and-y 6	35	20	„
75 6A/10 and-y 7	39	20	„
75 6A/12 and-y 8	44	20	„
75 8A/15 and-y 10	54	20	
75/6A/18 and-y 12	65	20	„
75 6A/22 and-y 15	80	20	„
75 7/6	29	13	„
75 7/10	36	13	„
75 7/12	43	13	„
75 7/14	49	13	„
75 7/15	51	13	„
75 7/16	53	13	„
75 7/18	58	13	„
75 7/20	64	13	„
75 7A/8 and-y 5	32	18	„
75 7A/9 and-y 6	38	18	„
75/7A/10 and-y 7	43	20	„
75 7A/12 and-y 8	48	20	„
75 7A/15 and-y 10	59	20	„
75 7A/18 and-y 12	70	20	„
75 7A/22 and-y 15	85	20	„

Flügel für Kinder — Grand-pianos for children — Pianos de cola para niños

75 170/12

Flügel, klein, weiß lackiert, mit bronzierten Platten

Grand-piano, small, white varnished with brinzed plates

Piano de cola, pequeño, barnizado en color blanco y placas bronceadas

Tones Tonos	Breadth Ancho	Height Alto	Depth Profundo
75/170/10	26	16	30 cm
75/170/12	30	16	33 „
75/170/16	39	16	39 „
75/171/10	30	22,5	45,5 „
75 171/12	34,5	22,5	47 „
75/171/16	44	22,5	51 „

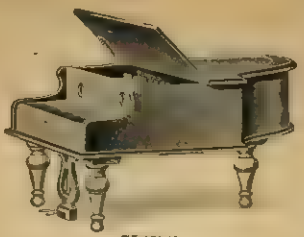
75/173/12

Flügel, klein vergoldet mit Malerei, bronzierte Platten

Gland-piano, small, gilded, with painture, brinzed plates

Piano de cola, pequeño, dorado con pintura, placas bronceadas

Tones Tonos	Breadth Ancho	Height Alto	Depth Profundo
75 173/12 and — y 8	26	27	58 cm
75/173/12 and — y 11	45,5	27	71 „
75 173/10	26	16	30 „
75/173/12	30	16	33 „
75/173/16	39	16	39 „



75 171/12

Flügel, mit Nickelplatten, Tastenverdeck, weiß lackiert mit Gold abgesetzt

Grand-piano, with nickel-plates, covered keys, white japanned set off with gold.

Piano de cola, con placas de niquel, teclado cubierto embarnizado blanco con decoración de oro

75 172/12 and-y8
75 172/16 and-y11

same as **75**/171/12 but with whole and half-tones

como **75**/171/12, pero con tonos enteros y medios

Drehorgeln und Musikdosen mit Uhrwerk — Barrel-organs and musical boxes with clockwork — Organillos y cajas de música con reloj

75/362 16×16×7,5 cm

Piano für die Puppenstube, aus Eichenholz, lasiert, mit Schweizer Musikwerk, 2 Arien selbstspielend

Piano of oak-wood for doll room, azured, with Swiss musical box inside, self-playing 2 pieces

Piano de madera roble para habitaciones de muñecas, azulado con instrumentos de música suizos con resorte 2 arias

75/361 21×11,5×20 cm

Drehorgeln in Pianoform, aus Eichenholz, mit Schweizer Musikwerk, 1 lange Arie spielend, mit 36 Stimmen

Barrel-organ, piano shaped, of oak-wood, with Swiss musicwork, playing 1 long air, with 36 notes

Organillo, forma de piano, de madera de roble, con caja de música suiza, tocando 1 larga aria, con 36 tonos

75/372 24×10,5×[illegible] cm

Drehorgeln in Pianoform, aus Eichenholz, mit Schweizer Musikwerk und auswechselbaren Notenscheiben

Barrel-organ, piano-shaped, of oak-wood, with Swiss musicwork and exchangeable note-plates

Organillo, forma de piano, de madera de roble, con caja de música suiza y placas de musica cambiables

75/357 26,5×14×14,5 cm

in bunter Lithographie, mit Schweizer Musikwerk, 1 lange Arie spielend, mit 36 Stimmen

in many-coloured litography, with Swiss musicwork, playing 1 long air, with 36 notes

en litografía variegada, con caja de música suiza, tocando 1 aria larga, con 36 tonos

75/359 29,5×15,5×13 cm

aus Eichenholz, mit Schweizer Musikwerk, 1 lange Arie spielend, mit 36 Stimmen

of oak-wood, with Swiss musicwork, playing 1 long air, with 36 notes

de roble, con caja de música suiza, tocando 1 aria larga, con 36 tonos

75 360 wie **75**/359, jedoch 2 lange Arien spielend

75/360 same as **75**/359 but playing 2 long airs

75/360 mismo como **75**/359 pero tocando 2 largas arias

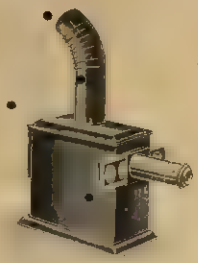
75 360 34×17×18,5 cm

75 378 36×17,5×22 cm

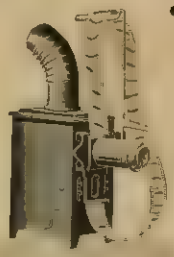
75 378 Drehorgel aus Eichenholz, mit Schweizer Musikwerk und auswechselbaren Notenscheiben

75/378 Barrel-organ of oak-wood, with Swiss musicwork and exchangeable note-plates

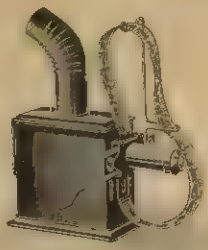
75/378 Organillo de roble, con caja de música suiza y placas de musica cambiables



2006/6 12×6,5×13 cm
Size of the box only
Tamaño de la cajita solamente
Weight/Peso 500 gr.

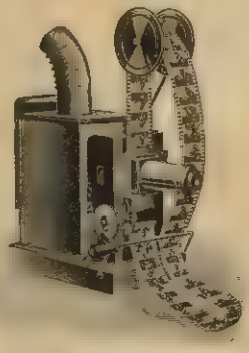


2006 15 9×6×12,5 cm
Size of the box only
Tamaño de la cajita solamente
Weight/Peso 350 gr.

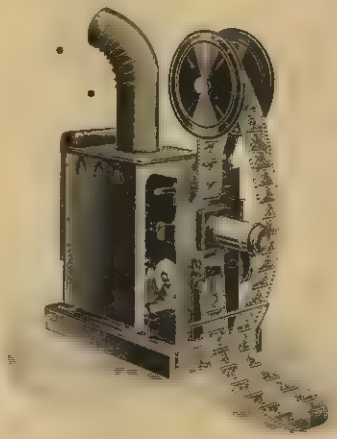


2006/34 12×6,5×12,5 cm
Size of the box only
Tamaño de la cajita solamente
Weight/Peso 480 gr.

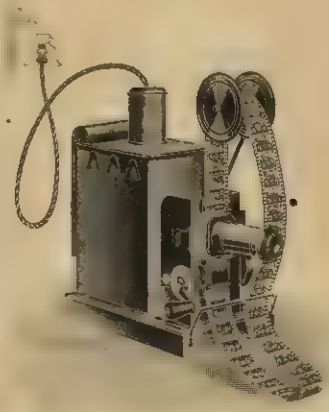
2006/1 12×6,5×13 cm
Size of the box only
Tamaño de la cajita solamente
Weight/Peso 530 gr.



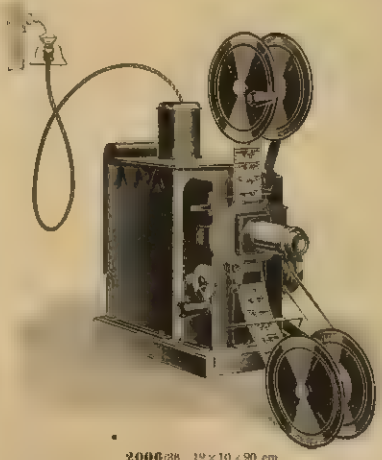
2006/32 9½×7½×16 cm
Size of the box only — Tamaño de la cajita solamente
Weight/Peso 900 gr.



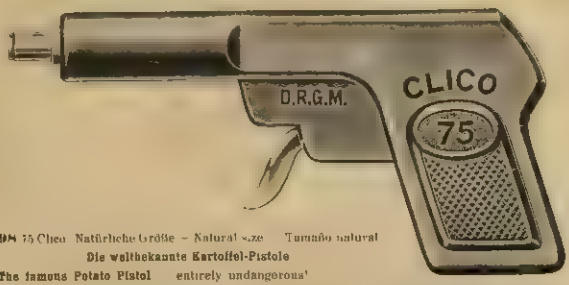
2006/26 12×10×20 cm
Size of the box only — Tamaño de la cajita solamente
Weight/Peso 1600 gr.



2006/35 11½×9×18½ cm
Size of the box only — Tamaño de la cajita solamente
Weight/Peso 1300 gr.



2006/38 12×10×20 cm
Size of the box only — Tamaño de la cajita solamente
Weight/Peso 1750 gr.



98/75 Clico Natürliche Größe — Natural size — Tamaño natural

Die welthekannte Kartoffel-Pistole

The famous Potato Pistol entirely undangerous!
With this pistol small stoppers are shot off. Cut the latter out of orange-peel or of a slice of a raw potato (¼ inch thick) by means of the nozzle fitted at the mouthpiece of the pistol and pull the trigger. Distance of shot 45 – 50 feet.
Excellent target pistol for children. Every piece in a coloured folding-box.

La afamada Pistola de Patatas sin peligro alguno!
Con esta pistola se disparan pequeños tapones labrados estos de cáscaras de naranjas o de ruedas de patatas de 5 a 6 mm de grueso con la tobera, que se halla en la boca de la pistola.
El alcance de tiro es hasta 15 m.
Excelente pistola de juguete para niños. Cada pieza en una cajita colorada.

1 case = 5 Gross **98**/75 89×54×48 cm
Gross-weight 88 kg. Net-weight 65 kg.

1 caja 5 gruesas **98**/75 89×54×48 cm
Peso bruto 88 kg neto 65 kg

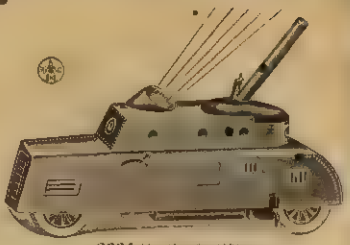
1 case = 10 Gross **98**/75 99×74×54 cm
Gross-weight 167 kg. Net-weight 130 kg.

1 caja = 10 gruesas **98**/75 99×74×54 cm
Peso bruto 167 kg. neto 130 kg.

Blechspielwaren mit und ohne Uhrwerk — Tin toys with and without clockwork
Juguetes de hojalata con y sin mecanismo

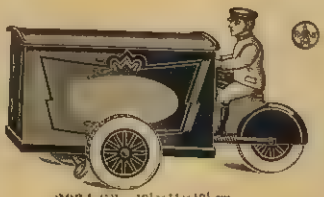
2034 44 24½ × 15½ × 11½ cm

2034 32 41½ × 10 × 14 cm



2034 44 24 × 8 × 8½ cm

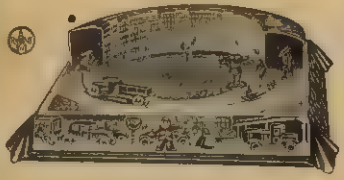
2034/40 18×8½×16½ cm



2034 45W 18½×11×10½ cm
2034/45 without clockwork — sin cuerda

2034/35 24×11×11 cm

2034/41 38½×15½×8 cm



2034 42 23½×23½×7 cm

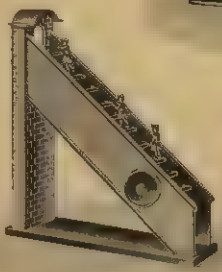
2034 33 26 × 16 × 13 cm

2034 47 24½×11½×9 cm

2034/32 26×16×13 cm

2034/50 26½×7½×15 cm

2058/7 26×7×7½ cm
2058/7W with clockwork — con cuerda



2058/5 15½×5×18 cm
without clockwork — sin cuerda

2058/6 19½×9×7 cm
without clockwork — sin cuerda

METALLBAUKASTEN MÄRKLIN

Construction games

All Main outfits, Supplementary outfits, and the Supplementary outfit for constructing machines and bridges can be delivered now if desired in coloured instead of in black as before at the same prices. The coloured boxes are designed with an additional F to the number and therefore box Nr 14.2 in coloured must be ordered as Nr 14.2F

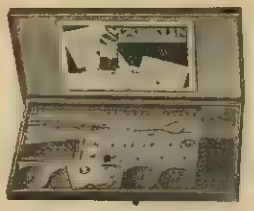
In schwarzer und farbiger Ausführung. Sämtliche Grundkasten, Ergänzungskasten und der Zusatzkasten für Maschinen- und Brückenbau werden außer in der bisherigen schwarzen Ausführung jetzt auch noch zu denselben Preisen in farbiger Ausführung geliefert. Die Nummern der farbigen Kasten haben die Zusatzbezeichnung F, ein Kasten Nr 14/2 z. B. hat in farbiger Ausführung die Nr. 14/2F

Cajas de construcciones metalicas

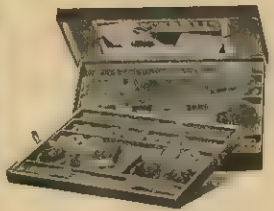
Todas las cajas principales, las cajas de ampliación y las cajas de suplemento para construcción de máquinas y puentas pueden suministrarse en ejecución colorada negro conocida y ahora también a los mismos precios en ejecución en colores. Los numeros de las cajas reciben entonces el añadido de la letra F, por ejemplo si se desea recibir la caja núm 14/2 colorada entonces se pide bajo el numero 14/2F

14/0 14/0F

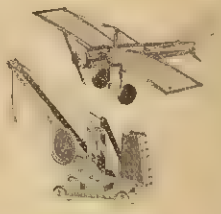
14/1 14/1F



14/2 14/2F



14/3 14/3F



Grundkasten. In fein überzogenem Pappkarton
Main outfits. In beautiful solid cardboard box
Cajas principales. En cajita elegante de fuerte carton

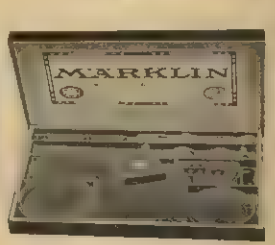
14/00	14/00F	83	Teile parts piezas	14/3	14/3F	394	Teile parts piezas
14/0	14/0F	165		14/4	14/4F	586	
14/1	14/1F	144		14/5	14/5F	948	
14/2	14/2F	271		14/6	14/6F	2092	

14/5H, 14/5HF y 14/6H, 14/6HF mismo como 14/5, 14/5F y 14/6, 14/6F pero en caja de madera bien pulida con cerradura y llave

14/5H, 14/5HF and 14/6H, 14/6HF same as 14/5, 14/5F and 14/6, 14/6F but in fine polished wooden case with lock and key

14/105/1 14/105/1F

14/105/2 14/105/2F



14/2A 14/2AF

Zusatzkasten für Maschinen- und Brückenbau
Supplementary outfit for constructing machines and bridges
Cajas suplementarias para construir máquinas y puentes

14/105/1	enthält 150 Teile (zu allen Baukasten passend)
14/105/1F	contains 150 parts (suitable for all outfits)
	tiene 150 piezas (para caja 14/1, 14/1F — 14/6, 14/6F)
14/105/2	enthält 800 Teile (zu allen, besonders aber zu den größeren Kasten passend — contains 800 parts (suitable for all outfits, especially the large ones) — tiene 800 piezas (para caja 14/3, 14/3F — 14/6, 14/6F)
14/105/2F	

14/101/1 14/101/1F

Zusatzkasten für Transportanlagen
Supplementary outfit for transporting plants
Cajas suplementarias para instalaciones de transporte

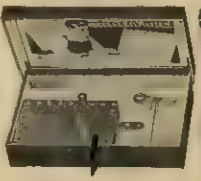
Ergänzungskasten
Supplementary outfits — Cajas complementarias

14/0A,	14/0AF	51	Teile parts piezas
14/1A,	14/1AF	136	
14/2A,	14/2AF	148	
14/3A,	14/3AF	217	
14/4A	14/4AF	85	
14/5A,	14/5AF	1186	

Vor- und rückwärtsfahrender Lastzug mit Verwandlungs-Dampfmotor, unter Zuhilfenahme von 14/401 oder 14/402 hergestellt

Goods train with reverse gear with transforming steam-motor composed by aid of 14/401 or 14/402

Tren de carga con marcha adelante y atrás, con motor de vapor de transformación, compuesto con ayuda de 14/401 ó 14/402



14/201 14/202

"Märklin" Clockwork Motor

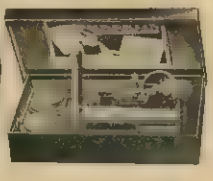
14/201 small model, suitable for outfits 14/0, 14/0F - 14/2, 14/2F

14/202 large model, suitable for outfits 14/3, 14/3F - 14/6, 14/6F

Motores Relojes «Märklin»

14/201 modelo chico, corresponde a las cajas de construcciones 14/0, 14/0F - 14/2, 14/2F

14/202 modelo grande, corresponde a las cajas de construcciones 14/3, 14/3F - 14/6, 14/6F



14/401 14/402

Steam Engine

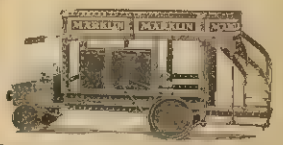
14/401 small model, suitable for outfits 14/0, 14/0F - 14/2, 14/2F

14/402 large model, suitable for outfits 14/3, 14/3F - 14/6, 14/6F

Motores de vapor-«Märklin»

14/401 modelo chico, corresponde a las cajas de construcciones 14/0, 14/0F - 14/2, 14/2F

14/402 modelo grande, corresponde a las cajas de construcciones 14/3, 14/3F - 14/6, 14/6F



Omnibus unter Zuhilfenahme v. 14/202 hergestellt

Omnibus composed by aid of 14/202

Omnibus compuesto con ayuda de 14/202

Verlangen Sie ausführlichen „Märklin"-Katalog in deutscher, englischer, spanischer, französischer oder holländischer Sprache

Ask for illustrated "Märklin" Catalogue | Sírvase Vd. demandar catálogo completo «Märklin»

Hat boxes with Babies and Dolls
Sombrereras con bebés y muñecas

	Ø	Height/Alto	
34/54 1B	14	8	cm
34/32 2B	17	9	"
34/32/3B	19	10	"
34/32 4B	22	11	"
34/32/2D	17	9	"
34/32 3D	19	10	"
34/32/4D	22	11	"
34/32 [illegible]	17	9	"
34/32 10/3	19	10	"
34/32 11/2	22	11	"
34/32 15/2	17	9	"
34/32 15/3	19	10	"
34/32 15/4	22	11	"
34/54 1B	14	8	"
34/54/2B	17	9	"
34/54 2D	17	9	"
34/54 11/2	17	9	"

34/54 1B
ø 14 cm

34/54/2D
ø 17 cm

34/32/3D
ø 19 cm

34/32 [illegible]
ø 22 cm
Height/Alto
11 cm

34/32/2B
ø 17 cm

Hat boxes with animals of plush and celluloid
Sombrereras con animales de peluche y de celuloide

34/54 11/2
ø 17 cm

34/32 10/3
ø 19 cm

34/32 15/4
ø 22 cm

Baskets with Babies — Canastillas con ajuar para bebés

34/129/25/2/0
22½×18×11½ cm

34/129/25/2/1
25½×19×13½ cm

34/129/26 ø 22 cm
Height/Alto 19 cm

34/129/23
32×22×14½ cm

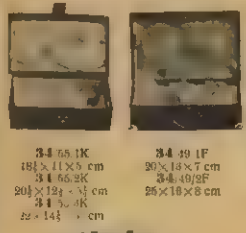
34/131/1H 19½×15×24½ cm
34/131/2H 26½×20½×30 "
34/131/3H 27½×22×35 "

34/159/25/2
31×24×44½ cm

34/159/26
34×24×56 cm

34/165/21
43×25×68 cm

Hand bags with dolls
Bolsas manuales con muñecas



34/55 1K
18½×11×5 cm

34/55 2K
20½×12½×5½ cm

34/55 3K
22×14½×[illegible] cm

34/49 1F
20×13×7 cm

34/49/2F
25×18×8 cm

34/2/49/2D
25×16×8 cm

Suit case with dressed doll
Baúl con muñeca

34/50,12 1
21×16×6½ cm

34/50,12/2
26×19×6½ cm

34/50,12/3
30½×20½×8 cm

Doll trunc with doll
Cofre con muñeca

34/24 1R 18×11½×10½ cm
34/24/2R 20×13½×11½ "
34/24/3R 23×14×14 "
34/24 4R 24½×16½×17 "

Box-trousseaux with soft doll
Trousseau, cajita de cartón con muñeca de paño

34/62/25
43×18×8 cm

34/62/27 41×20×10½ cm

34/25 1SX 23½×17×12 cm
34/25 2SX 28×20×14 "
34/25/3SX 31½×23×15½ "
34/25/4SX 36½×26×17 "

34/25,2SX 28×20×14 cm

Wardrobe trunks with Babies and Dolls
Cofres armario con bebés y muñecas

Single jointed Lady Dolls
Muñecas de moda, con articulación mejor

34/18/1a 27×14×15½ cm
34/18/2a 38×17×18 "

34/18/2B 38×17×18 cm
34/18/3B 41×19×20½ "

Box-trousseaux with doll
Trousseaux, cajita de cartón con muñeca

Dressed Dolls, stiff jointed
Muñecas vestidas con articulación simple

34/282a/21
21 cm

34/288 19 19 cm
34/288/21 21 "
34/288/23 23 "

34/390/30
30 cm

Soft Doll, dressed, Cell. head
Muñeca vestida de paño, con cabeza de celuloide

34/402/30 30 cm
34/402/33 33 "
34/402/37 37 "

34/397/30 30 cm
34/397/33 33 "
34/397/37 37 "

34/760/113
40×26½×7½ cm

34/60/115
36×25×6 cm

Steam Plants

MÄRKLIN

Dampfmaschinen

Máquinas de vapor

Messingkessel poliert, mit vernickelten Armaturen

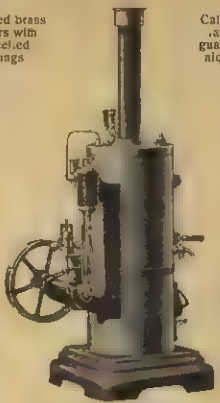
Polished brass boilers with nickeled fittings

Calderas de latón con guarniciones niqueladas

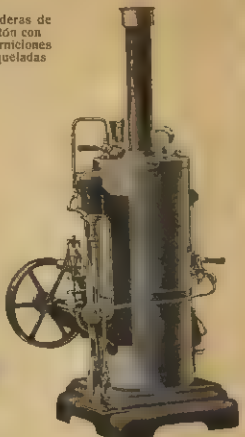
1 4/4104/3 18,5 cm } hoch high
1 4/4104/4 24 „ } de alto

1 4/4109/5 24,5 cm } hoch/high
1 4/4109/6 29,5 „ } de alto
1 4/4109/7 32 „

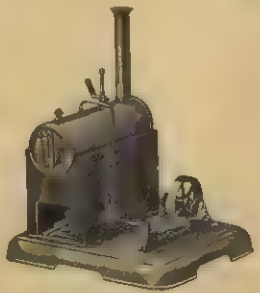
1 4/4116/6 29,5 cm } hoch/high
1 4/4116/7 32 „ } de alto



1 4/4117/7 32 cm } hoch/high
1 4/4117/8 37 „ } de alto
1 4/4117/10 42 „



Mit Manometer
with steam gauge — con manómetro
1 4/4118/8 37 cm } hoch, high
1 4/4118/10 42 „ } de alto



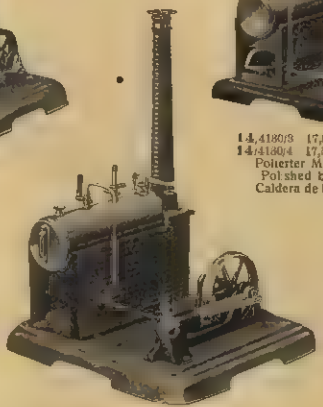
Kupferkessel — Copper Boiler — Caldera de cobre

1 4/4113/6 24 cm } hoch/high
1 4/4113/7 31 „ } de alto
1 4/4113/7 mit angebauter Uebersetzung — with reduction gearing — con transmisión montada

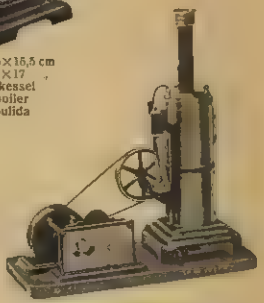
1 4/4092/4
20 × 18 × 22 cm

1 4/4092/5
24 × 22 × 24 cm

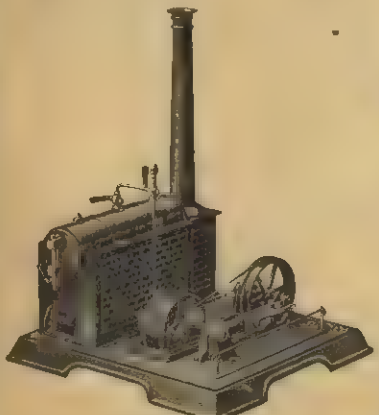
1 4/4180/3 17,5 × 17,5 × 15,5 cm
1 4/4180/4 17,5 × 17,5 × 17 „
Polierter Messingkessel
Polished brass boiler
Caldera de latón pulida



Kupferkessel Copper Boiler — Caldera de cobre
1 4 4093/4 20 × 17,5 × 26,5 cm
1 4/4093/5 26 × 22 × 31 „



1 4/4116/3404/6 27,5 × 13,5 × 31 cm
Mit Dynamo und Schaltbrett
With dynamo and switchboard
Con dinamo y cuadro de distribución

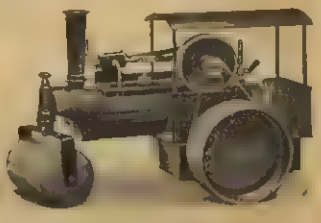


1 4 4096/6 27,5 × 26,5 × 36 cm
1 4/4096/7 30,5 × 31 × 40 „
Ohne Dynamo — Without dynamo — Sin dinamo
Kupferkessel — Copper Boiler Caldera de cobre
1 4 4096/91/6 27,5 × 26,5 × 36 cm
1 4 4096/91/7 30,5 × 31 × 40 „
Mit Dynamo With dynamo — Con dinamo

Dampfschlepper, vor- und rückwärtsfahrend
Steam Tractor, with reversing gear
Tractor de vapor, marchando hacia adelante y atrás

1 4/4098 26 cm lang/long/de largo

Dampfwalze, vor- und rückwärtsfahrend
Steamroller, with reversing gear
Rodillo de vapor marchando hacia adelante y atrás



1 4/4084 27 cm lang/long/de largo

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Ask for illustrated "Märklin„ Catalogue

Sírvase Vd. domandar catálogo completo «Märklin»

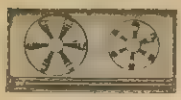
MÄRKLIN

Tellerkreisel — Plate Tops — Trompos de plato · **Flugkreisel — Flying Tops — Trompos de vuelo**

14 8066G 2 1 ,5 cm

14 8059G/3 20×7,5 cm

14 8067G/3 28×10,5 cm



14 8081G/2 20×10,5 cm

14/8081G/3 28×10,5 cm

14 8059G 3

14 8065G 3

14 8068G 15×5,5 cm

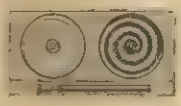
Farbenkreisel mit 6 Farbscheiben

Kaleidoscopic Top, with 6 different coloured discs

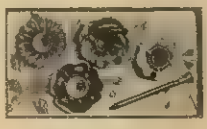
Trompos de colores, con 6 diferentes discos de colores

14 8084G 2 28×11 cm

14 8082G 3 2,5 0,5 cm



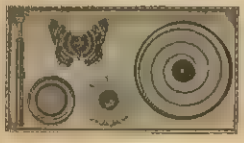
14 8062G 2 20×11 cm



14 8086G 4 25×14 cm

14 8088G 3 28,5 14 cm

14 8089G 7 27 22 cm



14 8062G 5 28 15,5 cm

14 8099G/127 28×22 cm

14/8099G/157 44×24 cm

Choralkreisel mit festverbundenem Antriebstock und automatischem Akkordwechsel

Choral Top with fixed driving stick, changing the tune automatically

Trompos corales con bastón de accionamiento fijo y cambio automático de tonos

14 8066G 10 14 8066G 12
5,5 2 4 cm 15 15×7 cm
10 cm 12 cm
Diameter of top — Diámetro del trompo

14/8098G 106 23×21 cm

14 8080G 1 2 } chorals, tonos { 12 cm / 15 cm } Diameter of top / Diámetro del trompo
14/8099G 15 3

Wettrennspiele Horse Race Games
Juegos de carreras

14 8065/4

14 8062/1	24×24×11 cm	1			
14 8062/2	30×30×17 „	2	Bahn / Track / Pista	6 / 9 / 12	Pferde / Horses / Caballos
14 8062/3	36×36×21 „	3			
14 8062/4	42×42×21 „	4			

14 8622 18×12×19 cm

Toilette mit Wasserreservoir, Hahn usw.

Wash Basin, with tank for water, tap, etc.

Tocador de chapa, con depósito para agua, grifo etc.

14/8819 21,5×19×19 cm

Badewanne mit Brause, Rückwand mit Reservoir, Hahn, Seifenschale, Brause usw. vernickelt

Bath with shower bath, back wall with tank for water, tap, soap dish, shower, fittings, nickelled

Bañera con ducha, con depósito para agua, grifo, barra jabón manual, grifo etc. niquelados

14/8628 81×22,5×21 cm

Badezimmer mit Badewanne, Waschbecken, Spiegel, Toilette usw. Rückwand mit Wasserreservoir, Hahn, Seifenschale, Bürste usw. vernickelt

Bath Room with bath, wash basin, mirror, toilet etc. back wall with tank for water, hooks, soap dish, taps etc. nickelled

Cuarto de baño con bañera, tocador y retrete, depósito para agua, fino barnizado manual, grifos etc. niquelados

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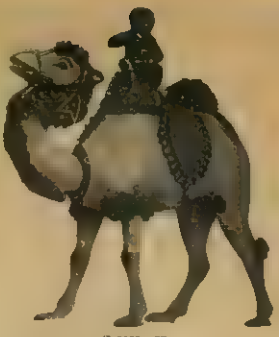
2 6788 58 cm
bewegl. Kopf und Zunge, Fensterklopfer
mov. head and tongue, window tapper
cabeza y lengua movibles, golpeador de ventana

2 7556 66 cm
bewegl. Kopf, Zunge und Arm
mov. head, tongue and arm
cabeza, lengua y brazo mov.



2 6255 77 cm
Kamel, bewegl. Kopf und Maul
Camel, mov. head and mouth
Camello, cabeza y boca mov.

2/6386 78 cm
Affe, bewegl. Arm
Monkey, mov. arm
Mono, brazo mov.

2/7403 80–95 cm
bewegl. Kopf und Augen
mov. head and eyes
cabeza y ojos movibles

2 6750 55 cm bewegl. Köpfe — mov. heads — cabezas movibles

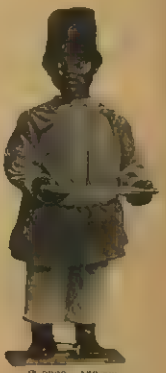
2/6353 90 cm
bewegl. Arm und Augen, Fensterklopfer
mov. arm and eyes, window tapper
brazo y ojos movibles, golpeador de ventana

2/6175 80 cm
bewegl. Kopf u. Schnabel
mov. head and bill
cabeza y pico movibles

2/7046 58 cm
bewegl. Kopf und Maul
mov. head and mouth
cabeza y boca movibles

2/6384 54 cm
bewegl. Köpfe — mov. heads
cabezas movibles

2/6898 130×43 cm
bewegl. Kopf, Maul und Schwanz
mov. head, mouth and tail
cabeza, boca y cola movibles



2 6368 100 cm
bewegl. Kopf, Mund und Augen, mit elektr. Motorantrieb
moving head, mouth and eyes, with electric motor
cabeza, boca, ojos movibles movido con electricidad

2 7007
68 [illegible] cm
bewegl. Kopf und Maul
mov. head and [illegible]
cabeza y boca movibles

2 7392 [illegible] 80 cm

2/7891 80×70 cm
Figuren bewegl., mit elektr. Motorantrieb, mit Musik — Figures mov., with electric motor, with music
Figuras movibles, movido por electricidad, con música

99 [illegible] [illegible] × 22 × 2,5 cm

99 8871

The Bold Ocean-Flyers
Los osados aviadores del océano

99 [illegible] 25 × 18 × 2,3 cm
99 8871 31 × 22 × 2,5 "

99 4405

Wettrennen
Juego de carrera

99 [illegible] [illegible] × [illegible] cm
99 4405 [illegible] × [illegible] × [illegible] "
99 [illegible] [illegible] × [illegible] × [illegible] "
99 [illegible] [illegible] × [illegible] × [illegible] "
99 [illegible] [illegible] × [illegible] × [illegible] "
99 [illegible] [illegible] × [illegible] × [illegible] "

99 7901

Juego de Football

99 7741 31 × [illegible] × [illegible] cm
99 7745 38,5 × [illegible] × [illegible] "
99 7747 39,5 × 30,5 × 4 "

99 7901 28 × 21 × 2,5 cm
99 7905 32 × 23,5 × 3,5 "
99 [illegible] 44 × 25 × 4 "
99 [illegible] 36 × 30 × 3 "
99 8821 19,5 × 35 × 3,5 "
99 8825 19,5 × 35 × 6,7 "

Circus Fun
El salto del sombrero

99/7791 30,5 × 20,7 × 2,5 cm

Bilderlotto — Lotería de cuadros

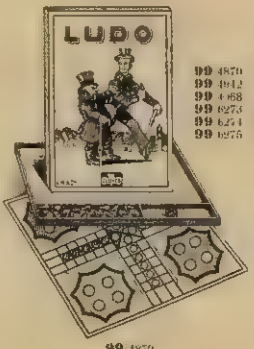
99 [illegible]

99 [illegible] [illegible] × [illegible] × [illegible] cm
99 [illegible] [illegible] × [illegible] × 2,5 "
99 [illegible] [illegible] × [illegible] × 3 "
99 [illegible] [illegible] × [illegible] × 4 "

99/9086

Snakes and Ladders
Sahap

99 874
16 × 29,5 × 2,2 cm
99 9081
38,7 × 18 × 4,2 cm
99 9086
38,2 × 20,4 × 4,6 cm



99 4870

Ludo

99 4870 31 × 22 × 2,5 cm
99 4912 38,5 × 27,5 × 3 "
99 [illegible] 39,5 × 30,5 × 4 "
99 6273 28,3 × [illegible] × [illegible] "
99 6274 18 × 18,4 × 4 "
99 6276 18 × 14,5 × 5 "

El juego alegre de la escalera

99 [illegible]

99 [illegible] 25 × 18 × 2,3 cm
99 [illegible] 31 × 22 × 2,5 "
99 [illegible] 38,5 × 27 × 3 "
99 [illegible] 39,5 × 30,5 × 4 "

99 4047

99 [illegible] 25 × 18 × 2 cm
99 [illegible] 31 × 22 × [illegible] "
99 [illegible] 32 × 25 × 3 "
99 [illegible] 37 × 29 × 3 "
99 [illegible] 41 × 31 × [illegible] "
99 [illegible] 37,5 × 19,5 × 3,5 "
99 [illegible] 41 × 21,2 × 3,5 "
99 4131 42 × 32 × 4,6 "

99 8511

Moderner Wettlauf — Campeonato moderno

99 8511 31 × 22 × 2,5 cm
99 8515 38,5 × 27,5 × 3 "
99 8517 39,5 × 30,5 × 4 "

Throwing the Ring
Juego de los anillos

99 7781

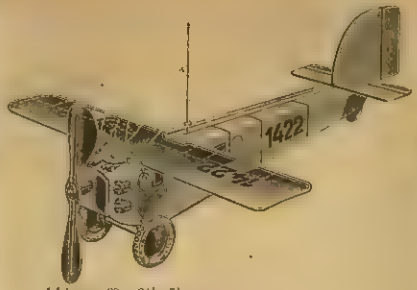
99 [illegible] 25 × 18 × 2,3 cm
99 7781 31 × 22 × 2,5 "

Tabla de multiplicación muy chistosa

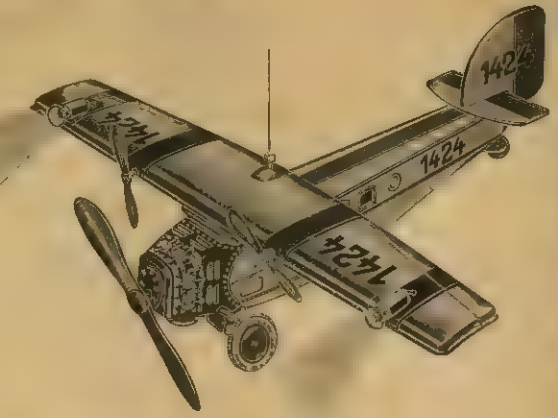
99 [illegible]

Lustiges Einmaleins

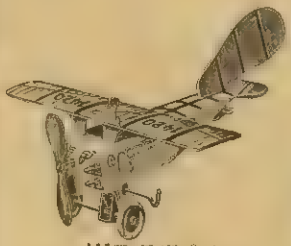
99 [illegible] 25 × [illegible] × [illegible] cm
99 [illegible] 31 × [illegible] × [illegible] "
99 7795 38,5 × 27,5 × 3 "
99 7797 39,5 × 30,5 × 4 "



[illegible] 29½ × 24½ × 7½ cm
[illegible] with light — con luz
[illegible] with stick battery — con batería baciliforme



[illegible] 40 × 4 [illegible] cm
[illegible] without light — sin luz
running and flying
corriendo y volando
[illegible] with light (6 bulbs)
con luz (6 ampollas)

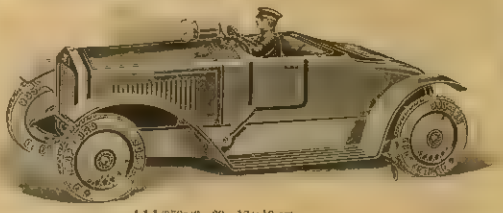


[illegible] 23 × 18 × 8 cm
only running — solamente corriendo
en el suelo

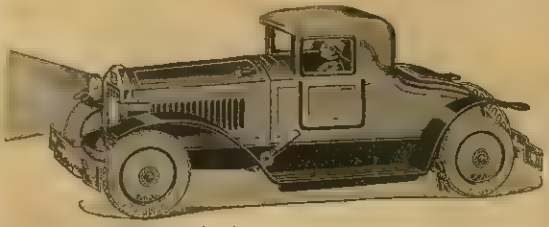
[illegible] 970 32 11 12 cm

[illegible] with electromotor and light
con electromotor y luz
[illegible] same as [illegible] 959, but without light
[illegible] 959C mismo como [illegible] 959, pero sin luz

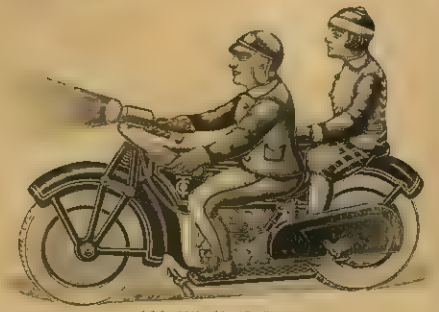
[illegible] 48 × 18 × 10 cm



[illegible] 970n/6 29 × 12 × 10 cm
[illegible] 970n without light — sin luz

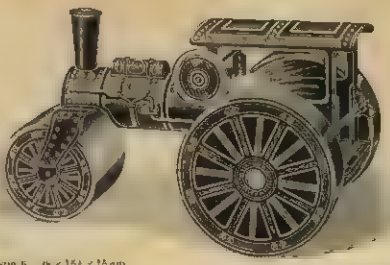


[illegible] 32 × 11½ × 12½ cm
[illegible] without light — sin luz
[illegible] with electromotor and light — con electromotor y luz



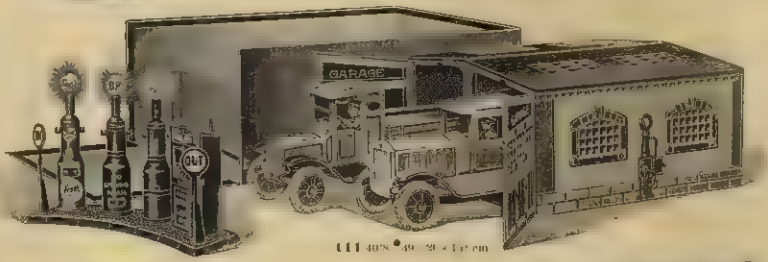
[illegible] 690/6 24 × 17 × 8 cm
[illegible] without light — sin luz

Mechanical tin toys — Juguetes de hojalata con mecanismo

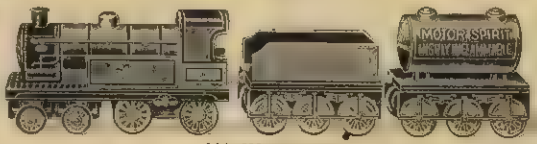


111/680 28 × 15½ × 15 cm
with gebed boiler fire
caldera con luz fija
111/680 without boiler fire, sin luz
111 681 same as **111**/680
but 31 × 19 × 19 cm
111/681 mismo como **111**/680
pero 31 × 19 × 19 cm
111/681/6 with lighted boiler fire
111/681/6 caldera con luz fija

111/945E 24 × 9½ × 13½ cm
with electric light automatically on when the doors open and out when closed
con alumbrado automático eléctrico que se enciende al abrir la puerta y se apaga cuando se la cierra
111/945 without light — sin alumbrado



111 40/8 49 × 20 × 15½ cm



111 657 [illegible]
with lighted boiler fire
and 1 headlight
caldera con luz fija y
1 lámpara frontal
111 657/6
[illegible]
and 1 headlight
caldera con luz fija y
1 lámpara frontal

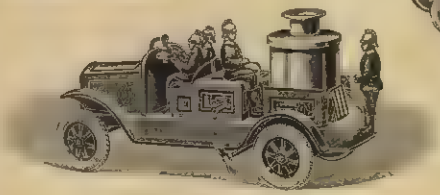
111 657 [illegible]

111/99/9 22 × 8½ cm
111 99/1 without clockwork [illegible]

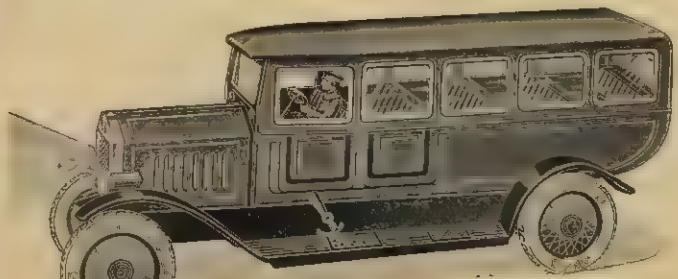
111 65/P 1 [illegible]
Engine with [illegible]
Locomotora [illegible]

111/948/16 17½ × 7½ × 8½ cm
111/948/0 without light — sin luz

111 40 24 15 [illegible] cm

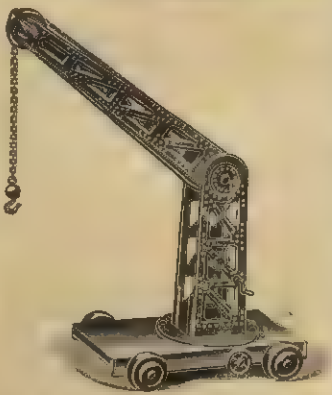


111 911/8 24½ × 10 × 12½ cm
with lighted boiler fire — caldera con luz fija

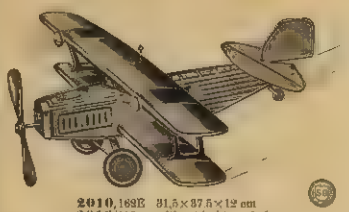


111/961/8 49 × 15½ × 18 cm

111/961 without light — sin luz



111/60 28 × 14 [illegible] cm without clockwork — sin cuerda



Novelty

Aeroplane with electromotor
2010 163

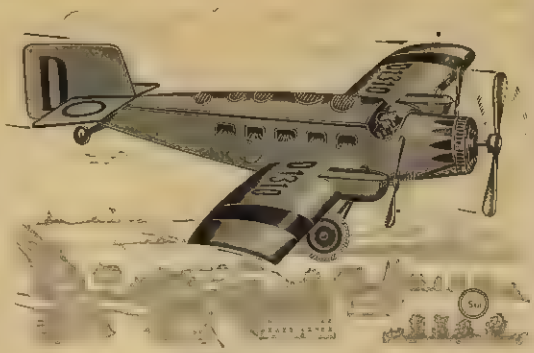
Novedad

Aeroplane con electromotor
2010/163

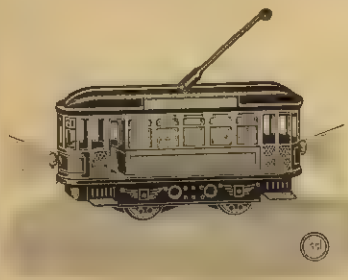
2010,163E 31,5×37,5×12 cm
2010/163 without light — sin luz

2010 163 same model as **2010** 154. Aeroplane, electrically driven, with built-in electromotor and complete suspension mechanism and cable for direct connection to lighting mains. Please indicate with order whether for 110 or 220 volts light current.

2010/163 mismo modelo como **2010** 154. Aeroplano para accionamiento eléctrico, equipado con motor y guarnición para conexión á la red de luz eléctrica. Sírvase indicar con el pedido la intensidad 110 ó 220 voltios de corriente de luz.



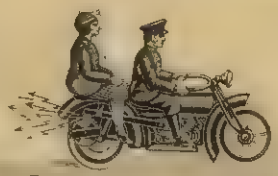
2010 154E 46×57×13 cm
2010,154 without light — sin alumbrado



2010 1[illegible] 25½ [illegible] 12 cm

2010 58 [illegible] 8 cm
2010 15[illegible] without light — sin luz

2010 109 12½ [illegible] cm



2010/141 17½×6½×12 cm

2010/148 17½×9½×16 cm

2010/170 12½×5×14 cm

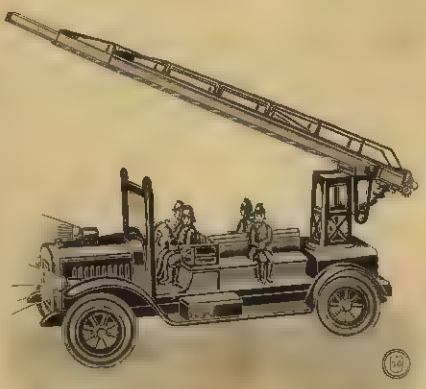
2010 [illegible] 14½×5×14 cm

2010,137 without light and without rubber tyres

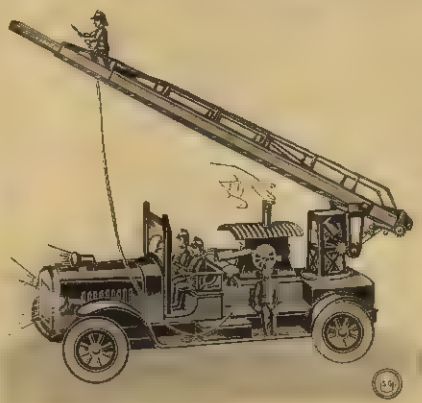
2010 137G without light, but with rubber tyres

2010 137 sin luz y sin bandajes de goma

2010 137G sin luz, pero con bandajes de goma



2010,137E 44½×16½×20 cm
2010 137EG with rubber tyres — con bandajes de goma



2010 136 without light and without rubber tyres

2010 136G without light, but with rubber tyres

2010,136 sin luz y sin bandajes de goma

2010 136G sin luz, pero con bandajes de goma

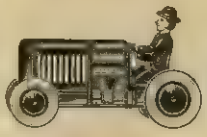
2010/136E 44½×16½×20 cm
2010/136EG with rubber tyres — con bandajes de goma

Cheap tin toys without clockwork Juguetes de lata baratos sin cuerda

2018/42 assort sort 5 × 2 × 2.1 cm

2018/689 1 × [illegible] cm

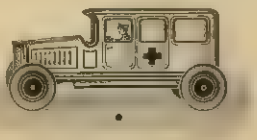
2018/68 1 × 4 × 4.8 cm



2018/671 9.5 × 3.5 × 6 cm
2018/672 11 × 4.5 × 7 „

2018/606 9.5 × 4 × 3.5 cm
2018/656 11.2 × 5 × 4.8 „
2018/65[illegible] 13 × 5 × 6 „

2018/678 9 × 3.7 × 4 cm



2018/609 9.5 × 3.5 × [illegible] cm
2018/659 11 × 4 × [illegible]

2018/6[illegible] [illegible] × 3 × 3.8 cm
2018/6[illegible] 11 × 4 × 5 „

2018/67[illegible] 8 × 3 × 4.5 cm

2018/656 1[illegible] × 5 cm

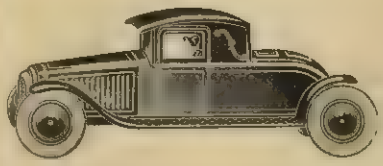
2018/49[illegible] 6 × 7 × [illegible] cm

2018/607 9.5 × 3.8 × 4.2 cm
2018/657 11 × [illegible] × 5 „

2018/50

2018/648
Length/Largura 10¼ cm

2018/[illegible]8
Length/Largura 11 cm



2018/667 18 × 6.7 × 5.5 cm
2018/667W with clockwork con cuerda
2018/667F with friction con volante

2018/648
Length/Largura 13 cm

2018/648W { with clockwork / con cuerda

2018/694
Height/Altura 12 cm

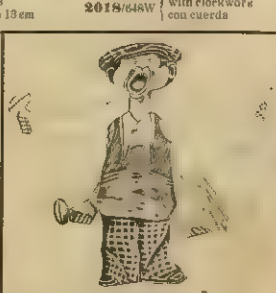
2018/689 9.5 × 3.5 × 9.2 cm

2018/536
Height/Altura 8 cm

2076 [illegible]
Height/Altura 16.5 cm
with clockwork — con cuerda

2076 [illegible]
Height/Altura [illegible] cm
Breadth/Anchura [illegible] cm
without clockwork – sin cuerda

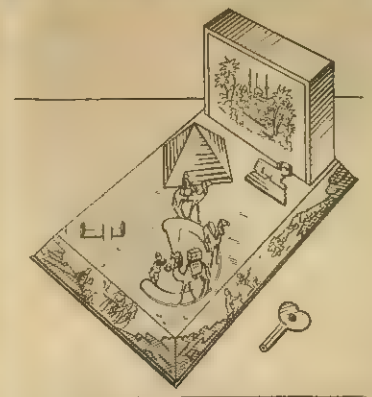
2076/11 6 × 3.5 × 1.8 cm
with clockwork con cuerda



2076/8 without clockwork — sin cuerda
Height, Altura 18.5 cm Breadth/Anchura 14.5 cm

2076/7 without clockwork – sin cuerda
Height/Altura 18 cm Breadth/Anchura 9 cm

Mechanical tin toys and gramophones
Juguetes de hojalata con mecanismo y gramófonos



127 7x 21 13x 10 cm electric light alumbrado eléctrico

127 7 4 18 7 cm

127 9 10 23 cm

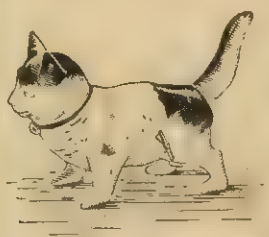
127/65 I 14 × 6¼ × 14 cm

127 50/2 9 × 19 cm

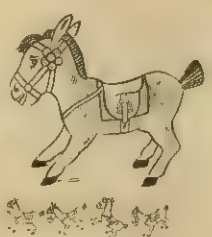
127 70V 17½ 8 cm

127 71 18 × 7 cm

127 70C 17¼ 8 cm



127/641 20 × 8½ × 12 cm
with voice



127/65 14 6¼ × 12 cm

127 3000/80 10½ × 10 cm

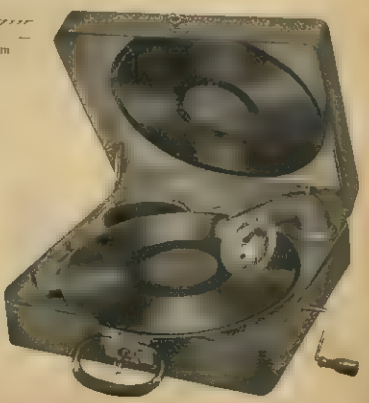
Delivery without gramophone records
Entrega sin placas de gramófono

127 53 for gramophone records of ø 15 and 17 cm
127 " " 25 and 30 cm
127 30 " " 35 cm

127 10 para placas de grama-fono, ø 15 y 17 cm
127 60 " " 25 y 30 cm
127 61 " " 35 cm

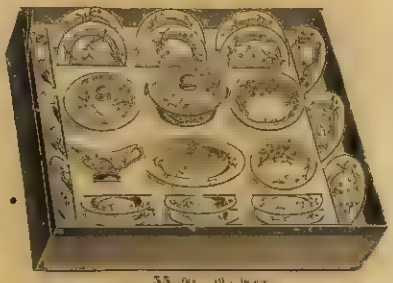
127 11 14 11 cm

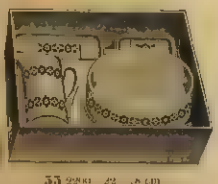
127/63 15½ × 15½ × 6½ cm



127 6/G 25 30 × 1 cm

Elegante Steingut-Kinder-Spiel- und Gebrauchsservice in ff. Kartonaufmachung
Elegant sets for children, for play or general use, put up in best quality cartons of earthenware.
Servicios de loza elegantes de juguetes y objetos de uso para niños en finísimas cajitas de cartón.





MÄRKLIN

Betriebsmodelle — Working Models — Máquinas de transmisión

1 4251/1 10 cm
1 4251/2 15 „
high/high de alto
Schleifstein
Grindstone
Piedra de afilar

1 4190/1 8,5 cm
1 4190/2 14,5 „
high de alto
Ventilator
Ventilador

1 4250 10 cm
hoch/high/de alto
Schleif- und Poliermaschine
Polishing-Lathe
Máquina de pulir y esmeriar

1 4
11 cm long. de largo
Drehbank
Lathe Torno

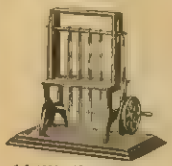
1 4
1 4
Kreissäge
Circular Saw
Sierra circular

1 4/4366 13×7×9,5 cm
Hammerwerk
Forge. Herrería

1 4
Stampfwerk
Stamping Machine
Triturador

1 4/4256/1 14 cm
high/de alto
Bandsäge
Band Saw
Sierra de cinta

1 4/4363/1 16 cm
high. de alto
Bohrmaschine
Drill
Máquina de taladrar

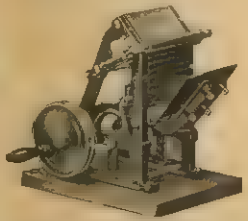


1 4/4366 13×7×12,5 cm
Vollgattersäge
Strip Saw
Sierra vertical

1 4/4368 13×7×14 cm
Fallhammer
Drop Hammer
Martillo-pilón

1 4/4317 13×7,5×17 cm
Baggermaschine
Dredger/Draga

1 4/4855 19×10×13 cm
Bassin mit Felspartie, Wasserrad, Hammerwerk mit Pumpwerk
Water Wheel with rock, pump and forge
Estanque con roca y rueda, 2 martillos



1 4/4291 17×14×18 cm
Buchdruckpresse mit allem Zubehör
Printing Press with full accessories
Máquina de imprenta, con accesorios

1 4/5406 40 cm lang/long/de largo
Luftschiff mit Uhrwerkbetrieb — Airship, with strong clockwork motor — Zeppelin con resorte

1 4/13806 Luftschiff für elektrischen Betrieb mit eingebautem Motor für 20 Volt und Aufhänggegarnitur. Zum Betrieb erforderlich bei Wechselstrom ein Transformator **1 4/13474Z**, bei Gleichstrom ein Umformer **1 4/13476A**

1 4 13806 Airship, electrically driven, with built-in electromotor for 20 volts and complete suspension mechanism and cable connections. For alternating current use transformer **1 4/13474Z**, for direct current motor generator **1 4/13476A**

1 4 13806 Zeppelin para accionamento eléctrico, equipado con motor para 20 voltios y guarnición para colgar. Para el accionamiento se necesita: para corriente alterna Transformador **1 4/13474 Z**, para corriente continua Convertidor **1 4/13476A**

Transmission
Transmisión

1 4 4381 6,5×5×6 cm

1 4 4390/18 18×9,5×10,5 cm
1 4/4390/25 25×9,5×10,5 „

1 4/8076
21 cm lang
long/de largo

Pistole für Amorcefeuerung mit 10 Gummigranaten und Amorces
Pistol for amorces with 10 rubber shells and amorces
Pistola para amorces con 10 granadas de goma y amorces

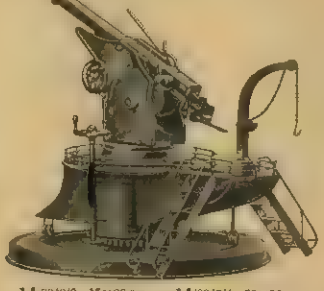
1 4 8008/0 18 cm long. de largo
1 4/8008/1 17 „ „ „
1 4/8008/2 25 „ „ „
1 4/8008/3 33 „ „ „
Kanonen mit Federabzug, mit 3 Gummi-Granaten
Field gun with trigger release, with 3 rubber shells
Cañones con tensión de muelle, con 3 granadas de goma

1 4/8024
10,5 cm lang/long/de largo
Schiffsgeschütz für Amorcefeuerung mit 6 Gummigranaten und Amorces
Naval Defence Gun for amorces with 6 rubber shells and amorces
Cañón de buques de armadu para amorces con 6 granadas de goma y amorces

1 4/8047
17 × 13 cm
Küstengeschütz, mit 6 Gummigranaten und Amorces
Coast Defence Gun, with 6 rubber shells and amorces
Cañón de costa, con 6 granadas de goma y amorces

1 4 8008/0
8,5 cm lang long/de largo
1 4/8000/0
10 cm lang/long/de largo
Kanonen mit Federabzug
Cannon with spring
Cañones con tensión de muelle

1 4/8013
11 cm lang/long/de largo
Kanone mit Federabzug mit 3 Gummigranaten
Garrison gun with spring, with 3 rubber shells
Cañón de costa con tensión de muelle con 3 granadas de goma



1 4 5049/2 15×20 cm **1 4/5049/4** 23×26 cm
Küstengeschütz, Doppellader, mit 4 Gummigranaten und Amorces usw.
Coast Defence Gun, double charging chamber, with 4 rubber shells, amorces, etc.
Cañón de costa, cargador doble, con 4 granadas de goma, amorces, etc

1 4/8038/0 13 cm long **1 4/8038/2** 25 cm long
1 4/8038/1 17 „ „ de largo **1 4/8038/3** 33 „ „ de largo
Feldgeschütz, mit 6 Gummigranaten und Amorces
Field Gun, with 6 rubber shells and amorces
Cañón, con 6 granadas de goma y amorces

Verlangen Sie ausführlichen „Märklin"-Katalog in deutscher, englischer, spanischer, französischer oder holländischer Sprache

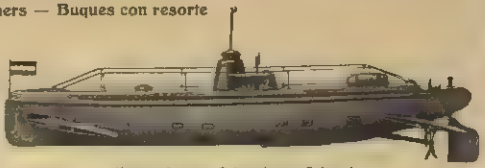
Ask for illustrated "Märklin" Catalogue | **Sírvase Vd. demandar catálogo completo «Märklin»**

MÄRKLIN

Uhrwerk-Schiffe — Clockwork-Steamers — Buques con resorte

Motorboot — Motor Boat — Canoa de motor

	lang/long/de largo	Length of run Duración de marcha
14 5081/23	23 cm	3 Minuten
14 5081/29	29 „	4 Minutes
14 5081/40	40 „	5 Minutos



Unterseeboot — Submarine — Submarino

Mit beweglichen Tiefenrudern an beiden Seiten — Adjustable diving planes and rudder — Timones movibles para inmergir dispuestos á los dos lados del buque

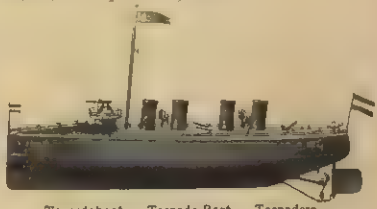
	lang/long de largo	Laufdauer Length of run Duración de marcha
14/5081/41	41 cm	5 Minuten
14/5081/57	57 „	6 Minutes
14/5081/76	76 „	8 Minutos

Personendampfer — Passenger Steamer — Buques para viajeros

	lang/long de largo	Schornsteine Funnels Chimeneas	Masten Masts Mástiles	Laufdauer Length of run Duración de marcha
14 5062/23	23 cm	1	1	3 Minuten
14 5062/29	29 „	2	2	4 Minutes
14 5062/40	40 „	2	2	5 Minutos

Unterseeboot — Submarine — Submarino

	lang/long de largo	Laufdauer Length of run Duración de marcha
14 5038/23	23 cm	2 Minutes
14 5038/29	29 „	3 Minutos



Torpedoboot — Torpedo Boat — Torpedera

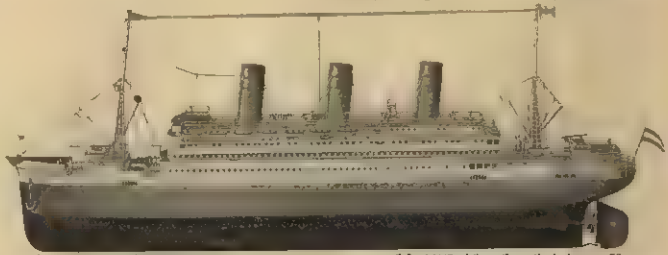
	lang/long de largo	Schornsteine Funnels Chimeneas	Laufdauer Length of run Duración de marcha
14 5079/24	24 cm	2	3 Minuten
14/5079/30	30 „	3	4 Minutes
14/5079/42	42 „	4	6 Minutos

14 5050/0

Ozeandampfer wie **14** 5050/9 mit Dampfbetrieb

Ocean Liner, as **14**/5050/9, with steam propulsion

Transat-ántico, igual al núm **14** 5050/9, con movimiento por vapor



14/5050/9 Länge/Length de largo 98 cm

Ocean Liner with clockwork motor, twin screws, real copy, finished as illustrated

Transatlántico con resorte, dos hélices, copia natural, igual al grabado

14/5050/7 Länge/Length de largo 78 cm

Ocean Liner, with clockwork motor, similar to **14**/5050/9

Transatlántico con resorte, igual al núm. **14**/5050/9

Kochherde mit elektrischer Beheizung. Mit Anschlußkabel zum direkten Anschluß an die Lichtleitung

Cooking Stoves electrically heated with cable for direct connection to lighting main

Cocinas por calentamiento eléctrico para conexión á la red de luz eléctrica

14 E/9675/N 37,5×28×30 cm

weiß lackiert mit Nickelgeschirren

white japanned with nickeled pots

barnizada en blanco, utensilios de níquel

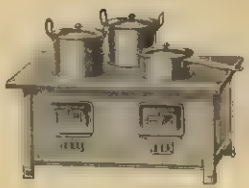
14 E/9672/1 23 ×16,5×12 cm
14 E/9673/3 27 ×19 ×13,5 „
14 E/9674/4 31,5×23,5×18 „

weiß lackiert, Weißblechgeschirre

white japanned with heavily retinned pots

barnizada en blanco, utensilios de hojalata estañada

14/9702/0W 13× 9×8 cm
14/9702/1W 15×11×8 „
14/9702/2W 18×13×9,5 „



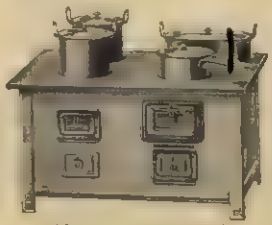
14/9703/2 24,5×15,5×12 cm
14 9703/3 27 ×19 ×13,5 „

14/9629/0 11,5×9,5×12 cm
14/9629/1 15 ×11 ×16 „
14/9629/2 18 ×13 ×20 „

Gasherd Imit., Weißblechgeschirr, Nickelbeschläge

Imitation Gas Stove, retinned pots, nickelled mountings

Cocina, imitación de una cocina de gas, barnizada en blanco, utensilios de hojalata estañada



Kochherde für Spiritusbeheizung

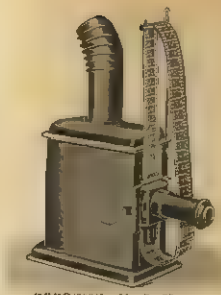
Cooking Stoves for spirit heating

Cocinas con lámparas de alcohol

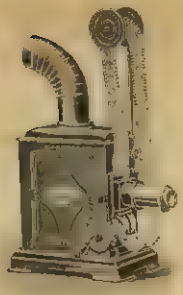
14/9704/2 27 ×19 ×15,5 cm
14/9704/3 31,5×23,5×18 „
14/9704/4 34,5×28 ×18 „

Verlangen Sie ausführlichen „Märklin"-Katalog in deutscher, englischer, spanischer, französischer oder holländischer Sprache

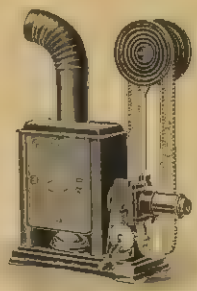
Ask for illustrated "Märklin" Catelogue | **Sírvase Vd. demandar catálogo completo „Märklin-**



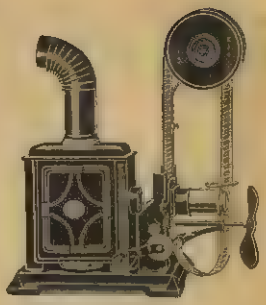
2000/200/1 11×8×23 cm



2000/213 14,5×9×28 cm



2000/216.1 19×10×30 cm

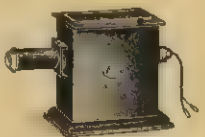


2000/219 23×13×32 cm

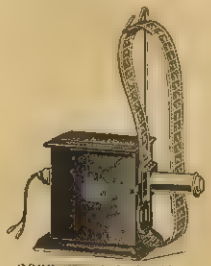
Kinematographen, vermittels Taschenbatterie arbeitend — Cinematographs working by pocket battery
Cinematógrafos trabajando por batería eléctrica

Laterna magicas, vermittels Taschenbatterie arbeitend
Magic lanterns working by pocket battery
Linternas mágicas trabajando por batería eléctrica •

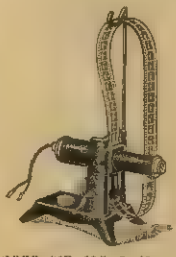
2000 106L 15 [illegible] cm



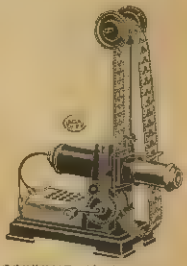
2000 1[illegible] 20[illegible]×13 cm



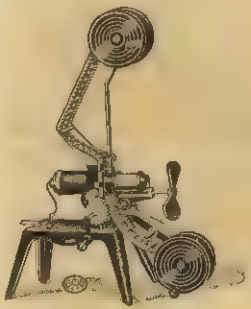
2000 207L 14,5 [illegible] 13 cm



2000/220E 18,5×8×13 cm

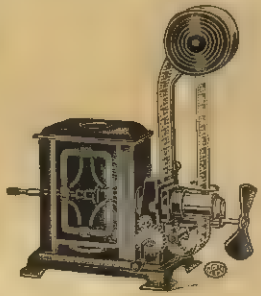


2000/222E 18×10×11,5 cm

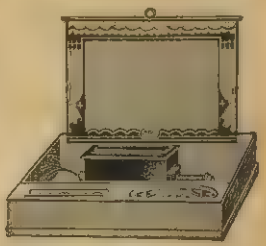


2000/226/2E 31×13×20 cm

2000/226/1E 24×12×13 cm

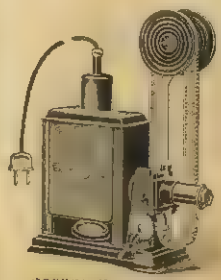


2000/215/1E 18×19×16 cm

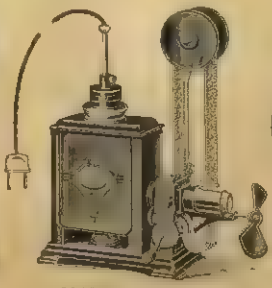


2000 207 1[illegible] 4[illegible]×27×15 cm

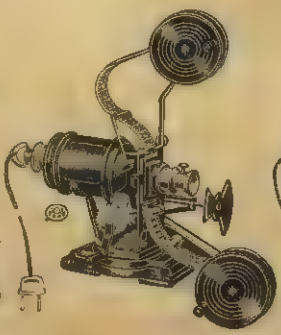
Kinematographen mit Anschlußkabel zum direkten Anschluß an die Lichtleitung
Cinematographs with cable for direct connection to lighting main
Cinematógrafos para conexión á la red de luz eléctrica



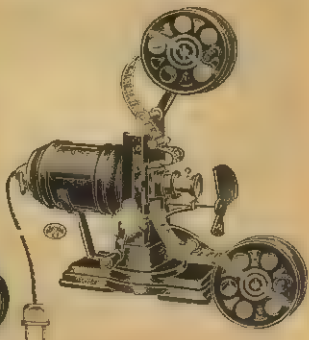
2000 216 IL 1[illegible]×10×41 cm



2000 218E 17,5×10×18 cm



2000/231E 38×14×18 cm



2000/233,1E 48×15,5×25 cm

Sico Dolls B Muñecas Sico

120 212B/52 52—62 cm | **120** 211B 38 32—70 cm | **120** 260B 42 32—52 cm | **120** 267B 42 32—52 cm | **120** 265B 42 32—52 cm | **120** 268B/42 32—52 cm | **120** 268B 42 32—52 cm | **120** 262B 42 32—70 cm

Sico — the prize-crowned wonder-doll, protected by patent, with self-acting, adjustable walking-contrivance

Sicora — the modern wonder-dolls, which walk while moving their head to the right and left, protected by patent

Sico- and Sicora-dolls, are soft-stuffed and unbreakable, have an excellent lasting voice. Wigs can be taken off. By means of the running-shoe, protected by law, the dolls are walking on the smoothest linoleum or inlaid floor. — Deliverable in sizes 38, 42, 52 and 70 cm

Sico la muñeca premiada milagrosa, protegida por patente, con el dispositivo automático, graduable de andar

Sicora — las muñecas milagrosas, que andan mientras mueven la cabeza a la derecha e izquierda, protegidas por patente

Las muñecas Sico y Sicora están de relleno fofo e inquebrantables, y tienen una voz excelente y duradera. La peluca puede ser quitada. Mediante el zapato andador protegido por ley, las muñecas andan sobre el linóleo o tablado embutido más lisos. — Hechas en tamaños 38, 42, 52 y 70 cm

Sicora Dolls BD Muñecas Sicora

The prices are understood for the dolls only, without accessories

Los precios se entienden por las muñecas solas, sin los accesorios

120 152BD 42 38—52 cm | **120** 188BD 42 38—52 cm | **120** 184BD 42 38—52 cm | **120** 181BD 42 38—70 cm | **120** 177BD 52 38—52 cm | **120** 199BD 70 38—70 cm | **120** 220BD 42 38—52 cm | **120** 231BD 42 38—70 cm

Sofa-dolls
Pincushions
Sweetmeat boxes

assorted in colours with unbreakable heads

Arrangement 113

When ordering [illegible] order the [illegible] men. No [illegible] anyhow be [illegible] before the No of the individual article in question

113 32	16 cm
113 33	16 "
113 34	16 "
113 35	16 "
113 36	16 "
113 [illegible]	16 "
113 38	16 "
113 39	16 "
113 40	16 "
113 41	16 "
113 42	16 "
113 43	16 "
113 44	16 "
113 45	16 "
113 46	16 "
113 47	16 "
113 48	16 "
113 49	16 "
113 50	16 "
113 51	16 "
113 52	16 "
113 400/1	16 "
113 400/2	16 "
113 400/3	16 "
113 400/4	16 "

Muñecas de sofa, Acericos Bomboneras

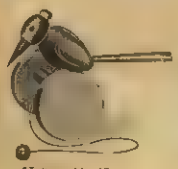
[illegible] ecamente surtidas en colores con cabezas infrangibles

Surtido 113

[illegible] del respectivo Artículo en cuestión

113 [illegible]	16 cm
113 [illegible]	16 "
113 [illegible]	16 "
113 [illegible]	16 "
113 [illegible]	16 "
113 [illegible]	16 "
113 [illegible]	16 "
113 [illegible]	16 "
113 [illegible]	16 "
113 [illegible]	16 "
113 [illegible]	16 "
113 [illegible]	16 "
113 400/8	16 "
113 400/9	16 "
113 400/10	16 "
113 400/11	16 "
113 [illegible]	16 "
113 [illegible]	16 "
113 [illegible]	16 "
113 [illegible]	16 "
113 [illegible]	16 "
113 [illegible]	16 "

Wooden toys — Juguetes de madera



45/930 17 cm

45/931 17 cm

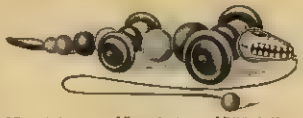
45/935 10×8 cm

45/936 10×21 cm

45/9 0 4×10 cm

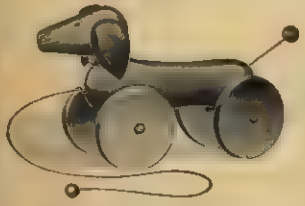
45/1029 9×13 cm

45/ Length 32 cm
45/ Largura 38 „



45/951/2 L 40 cm 45/952 L 48 cm 45/953 L 57 cm

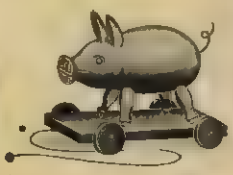
45/954 unpolished L 28 cm 45/956 polished L 86 cm
45/955 no pulido L 36 „ 45/958 pulido L 60 „



45/940 11×15 cm 45/942 15×21 cm
45/941 18×19 „ 45/943 17×24 „

45/947 11×16 cm 45/948 13×19 cm
45/949 16×23 cm

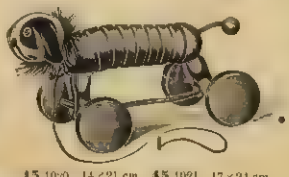
45/965 10×13 cm
45/966 12×16 „



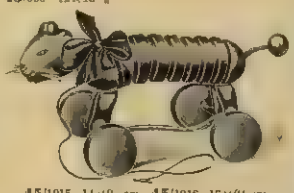
45/920 11×16 cm 45/921 13×20 cm

45/570 220 cm

45/1026 14×19 cm



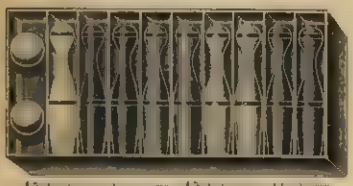
45/1020 14×21 cm 45/1021 17×24 cm



45/1015 14×21 cm 45/1016 17×24 cm

45/

45/571 L 220 cm



45/ cm 45/ cm
45/ „ 45/ „
45/ „ „

45/1010 14×21 cm
45/1011 17×24 „

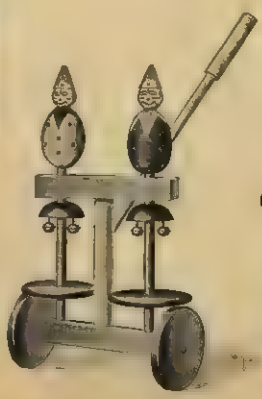
45/576
L 180 cm

45/560 L 180 cm
45/562 L 180 cm

45/600 25×15×7 cm

45/152/0 25×10×3 cm 45/152/2 32×13×3,5 cm
45/152/1 27×12×3,5 „ 45/152/3 36×16×4 cm
45/152/4 38,5×18×4 cm

45/153/1 27×12×3,5 cm 45/153/3 36×16×5 cm
45/153/2 32×13×3,5 „ 45/153/4 38,5×18×4 „
45/153/5 50×24×6 cm



45/975 33×18 cm

45/981 22×17 cm

45/ 46×18×

Gekleidete, mechanische, tanzende Figuren.

Dressed dancing figures. Figuras vestidas con cuerdas, bailando.

25 250 21 15 cm

25 185 16×14 cm

25/242 16×14 cm

25/255 16×14 cm

25 190 16×14 cm

25/251 21×15 cm

25 184 16×14 cm

25 189C. 16×14 cm

25 199C. 17×15 cm

25 199 17×15 cm

25 189 15×16 cm

25 187 15×14 cm

25 252 15×15 cm

25 355 24×10 cm
25 1355 15×8 cm

25/334 35×32 cm

25/340 23×11 cm
25 1340 15 8 cm

25 162 15×16 cm

25 407 24×10 cm

Natürlich laufende Figuren.

Naturally walking figures. Figuras andando naturalmente.

25 404 23×11 cm

25 389 24×10 cm

25/257 23×10 cm

25 401 24×10 cm

25 271 22×10 cm

25/332 23×10 cm

25/346 25×10 cm

25 330 25 11 cm

25 268 17 25 cm

25/329L. 25×11 cm

25/234 13×28 cm

25 327 23×10 cm
25 1327 15×8 cm
25 342 24×10 cm
25 1342 15×8 cm
25/262 24×11 cm
25 1262 15×8 cm
25/348 23×10 cm
25 1348 15×8 cm

25/208 16×28 cm

Natürlich reitende Figuren.

Figures on horseback, riding. Jinetes vestidos.

25/217 20×18 cm

25/223 20×17 cm

25/274 20×17 cm

25/253 20×17 cm

25/235 20×17 cm

25/240 20×17 cm

Gekleidete mechanische Figuren mit prima Uhrwerken.
Dressed performing dolls. Figuras vestidas con mecanismo de cuerda.

Figuren auf Trittroller (mit Schwungradantrieb). Figures on scooters (with flywheel drive). Muchachos con patinadores (con impulsión por volante).

25 504 17×11 cm

25 503 17×11 cm

25 505 17×11 cm

25 506 17×11 cm

25 509 17×11 cm

25/502 17×11 cm

Pärchen im Kreise tanzend. Dancing dolls. Muñecos bailando

25 434 16×11 cm

25 437 16×11 cm

25 435 16×11 cm

25 438 16×11 cm

25 436 16×11 cm

25 422 16×11 cm

Bewegliche Figuren auf Dreirad (mit Schwungradantrieb). Movable figures on tricycles (with flywheel drive). Muñecos en triciclietas, movibles (con impulsión por volante).

25 519 13×10 cm

25/515 13×10 cm

25/513 13×10 cm

25 512 13×10 cm

25 516 13×10 cm

25/514 13×10 cm

Purzelnde Figuren (mit Schlüsselaufzug).
Tumbling figures (wind up by key). Muñecos haciendo piruetas (dar cuerda por llave).

25 368 17×8 cm

25 369 17×8 cm

25 366 17×8 cm

25 433 18×8 cm

25 335 25×13 cm

Natürlich laufende Figuren. Naturally walking dolls. Figuras, andando naturalmente.

25/441 24×15 cm

25 420 22×10 cm

25 426 22×10 cm

25 413 22×10 cm

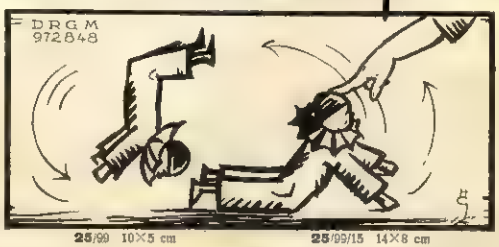
25.414 23×10 cm

25 410 25×10 cm

25/415 23×10 cm

Salto Mortale Clown (springt ca. 60 cm hoch).
Spring Clown (jumps abt. 60 cm high). Salto Mortale Clown (salta ca. 60 cm).

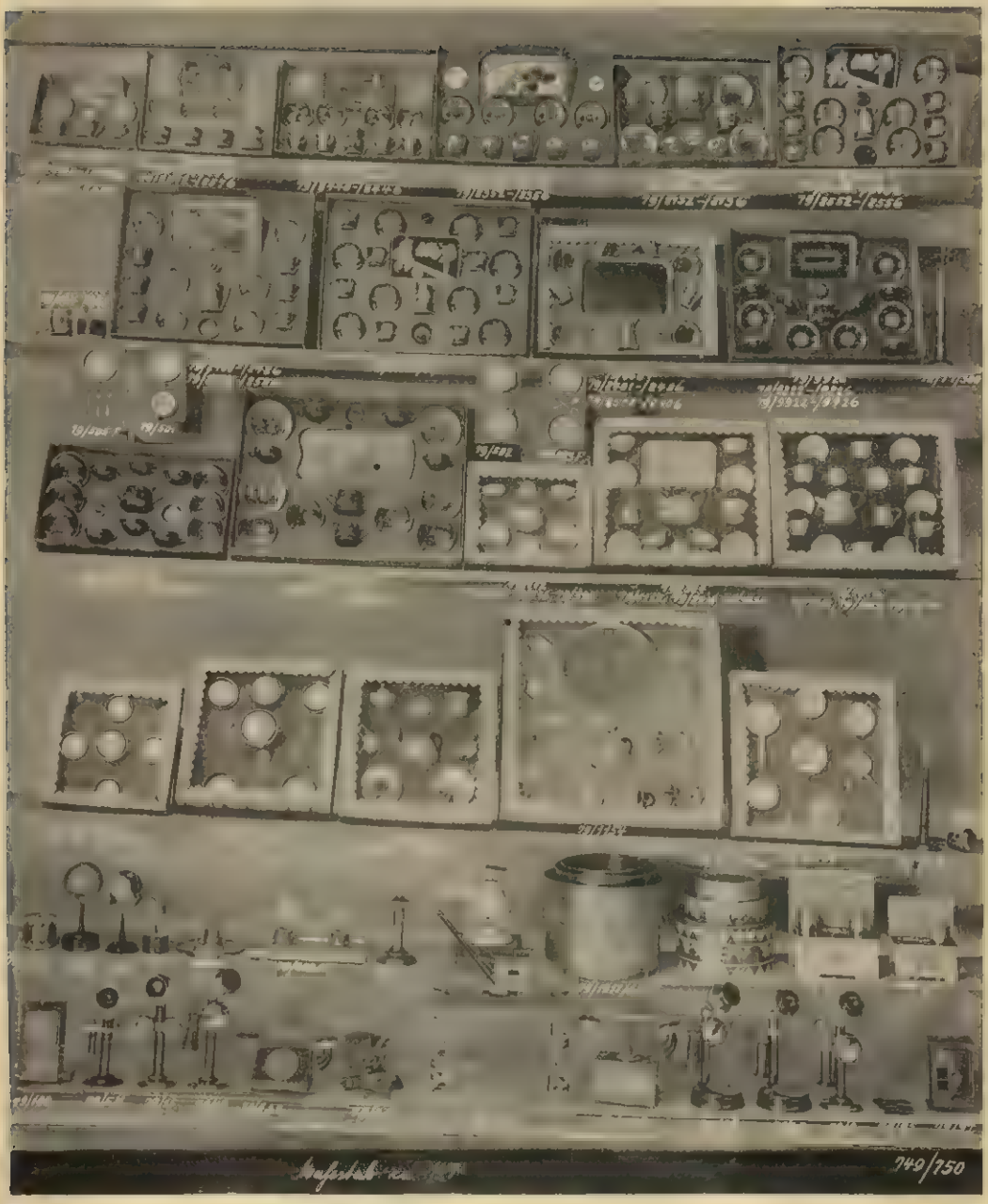
25/428 21×18 cm



25/99 10×5 cm

25/99/15 14×8 cm

25/349 25×13 cm


749/750

Neuheiten aus Blech — Novelties of Tinplate — Novedades de Hojalata

108.861 12×14 cm
„Photomaton" Blechspielzeug mit 8 Pappbildern
„Photomaton" Tin toy with 8 pictures
„Photomaton" con 8 imagenes

108/2000 Pickende Vögel 15×8 cm
mit Cri-Cri- oder Quiaschstimme
Picking birds with voice
Pajaros picoteando con voz.

108 2002 8×12 cm
Lehrer mit Jungen
Blechspielzeug mit Cri-Cri-Stimme
Master with boy, cri-cri voice
Maestro con escolar cri-cri voz.

108.2003 Roulette 12×14 cm
mit 3 Spielkarten
Roulette game
Juegos de ruleta

108/2004 Ringspiel 22×9 cm
Tin toy with ring
Juguetes de lata con anillo

Geduldspiele aus Zink und Glas — Patience Plays of zinc and glass — Juegos de paciencia de cinc y vidrio

108.334 Mausespiel in versch. Größen mit 1 Maus
Mouse-play in various sizes with 1 mouse
Juego de ratón en div tamanos con 1 ratón

108.334 II 55 mm Durchm.
Mausspiel mit 2 Mäusen
Mouse-play with 2 mice
55 mm diam.
Juego de ratón con 2 ratónes
55 mm diám.

108.334 R 55 mm Durchm.
Mausspiel mit Reklame
Mouse-play with advertisements 55 mm diam.
Juego de ratón con reclamo
55 mm diám.

108.12 Karikaturgeduldspiel
50 mm Durchm.
Caricature patience-play
50 mm diam.
Juego de paciencia de caricature 50 mm diám.

108.32 Kind mit Kleid
55 mm Durchm.
Child with dress
55 mm diam.
Nino con vestido
55 mm diám

108.30 Fallschirm 55 mm Durchm., Fallschirm bewgl.
Parachute 55 mm diam., moveable parachute
Paracaidas 55 diám. Paracaidas movible

108.29 Verkehrsschutzmann Arm bewegl. 55 mm Durchm.
Traffic policeman with moving arm 55 mm diam.
Policia detrà lico, brazo movible 55 mm diám.

108.35 Augenspiel
55 mm Durchm.
Eye-play 55 mm diam
Juego de ojos 55 mm diám.

108/350 Hund mit Knochen
55 mm Durchm.
Dog with bone 55 mm diam
Perro c. hueso 55 mm diám.

108.33 Aquarium mit Fischfutter 55 mm Durchm.
Aquarium with fish food
55 mm diam
Acuario con pasto de peces
55 mm diám.

108/818 A B C 12,5 cm Durchm.
Giant's spectacles A B C 12,5 cm diam.
Anteojos de gigante
A B C 12,5 cm diám.

108/501 Geduldspiel mit Kügelchen
Patience play with balls
Juego de paciencia con bolitas

108.339 Irrgarten
55 mm Durchm.
Maze 55 mm diam.
Labirinto 55 mm diám.

108/335 Fußballspiel
55 mm Durchm.
Football play 55 mm diam.
Juego de futbol 55 mm diam

108/820 5×12 cm
Harold Loyd Brille aus schwarzlackiertem Blech mit Gläser
Harold Loyd spectacles of black lacquered plate with glasses
Anteojos de Harold Loyd de chapa barnizada de negro, con vidrios

Papierspielwaren
Füll- und Beipackartikel

Paper Toys
Filling articles

Juguetes de Papel
Artículos de llenar y de suplemento

108/831 Klappspiegel m 5 Bilder

Folding mirrors m 5 pictures

Espejo plegadizo con 5 figuras

5×5,5 cm

108/854 8×7 cm
Gitterbilder in verschiedenen Sujets
Latticed pictures in various designs
Figuras de rejilla en diversos dibujos

108/835
Boxer beweglich 55 mm Durchm.
Boxers 55 mm diameter moveable
Boxer 55 mm de diám. movible

108/833
Eierfresser 55 mm Durchm.
Egg-eater 55 mm diam.
Comedor de huevos 55 mm diam.

108/ 2 Turner
beweglich 55 mm Durchm.
Gymnastic moveab. 55 mm diam.
Gimnástico movible 55 mm diám.

108/17 Augenkärtchen mit beweglichen Augen 6 Bilder
Eye-cards with moving eyes, 6 pictures
Tarjetas de ojos con ojos movibles, 6 figuras

5,5×7,5 cm

108/121 Tierscherzspiegel 55 mm Durchm. 3 Bilder
Animal jesting mirror 55 mm diam. 3 pictures

108/24 4,5×9 cm
Aufstellspiegel, 2 Bilder
Stand glass, 2 pictures
Espejo de pié, 2 figuras

108/S 8 Klappscherzspiegel
6 Bilder 55 mm Durchmesser
Jesting folding mirror 6 pictures
55 mm diam.
Espejo plegadizo jocoso, 6 figuras, 55 mm diám.

108/1111 Musikinstrumente aus Pappe mit Stimme
11 Bilder
Musical instruments of cardboard with voice
11 pictures
Instrumentos de música de cartón, con voz
11 figuras

108/813 2,5×9 cm
Guitarre
Guitar
Guitarra

108/804 4×7 cm
Saxophon mit Stimme
Saxophone with voice
Saxófono

108/23 4×5 cm
Spiegelkärtchen, 5 Bilder
Tarjetas de espejo, 5 figuras

108/801 7×10 cm
Windhundspiel beweglich
Greyhund play moveable
Juego de galgos movible

108/808 Nasenbilder, 6 Bilder, Nase beweglich
Nose pictures, 6 pictures, nose moveable
Estampas de nariz, 6 figuras, nariz movible

108/802 6×7 cm
Gänsepaar beweglich
Pair of geese moveable
Par de gansos movible

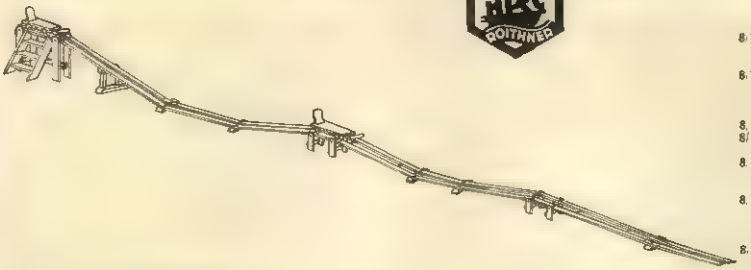
108/K 14 6×8 cm
Karikatur-Karten verändert. Gesicht mit grober Kette, 6 Bilder
Caricature cards variable face with gross chain, 6 pictures
Tarjetas de caricaturas, cara variable por cadena gruesa, 6 figuras

108/820 6×10 cm
Boxer beweglich
Boxers moveable
Boxer movible

6×1 cm
108/827
6×10 cm
Grüßende Figuren
Saluting figures
Figuras saludandas
6×10 cm

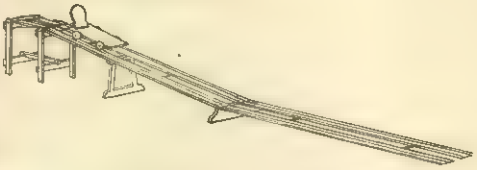
5×6 cm 4×7 cm
108/803 Sortierte Tiere beweglich
Assorted animals moveable
Animales surtidos movibles

5×9 cm 5×10 cm
108/807 Sportfiguren
Sport figures
Figuras de deporte



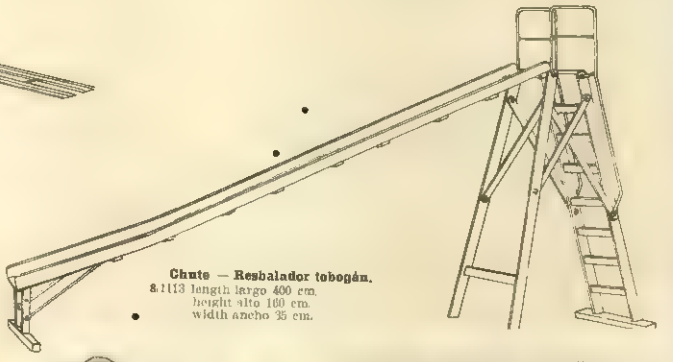
Large Chutes with incline.
Resbalador tobogán.

8/1112/4 with one incline in the middle, with one car with adjustable foot-rest, length 7,10 m. —
8/1112/4 con declive asciendente y descendente en el medio, 7,10 m de largo, 1 carretilla con sostén ajustable para los pies.
8/1112/5 same as 8/1112/4 length 9 m —
8/1112/5 como 8/1112/4 pero más fuerte largo 9 m
8/1112/6 with one incline with 2 cars with adjustable foot-rests, length 12 m, with 3 steps.
8/1112/6 con declive asciendente y descendente en el medio, 12 m de largo, con 2 carretillas, con sostén ajustable para los piés y escalerita con 3 escalones.
8/1112/7 extra strong with 2 inclines length 15,30 m. (50 feet), 2 strong cars with adjustable foot rests and with 3 steps.
8/1112/7 extra fuerte, con doble declive asciendente y descendente 15,30 m. de largo, 2 carretillas con sostén ajustable para los piés y escalerita con 3 escalones



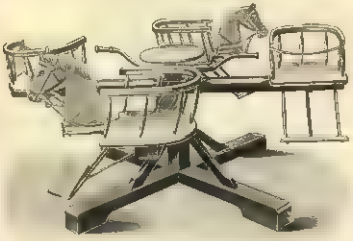
Switchbacks-Resbalador.

Very solidly made, portable, varnished with 1 car, with back-rest and cordhandles
Desmontable muy fuerte, barnizado 1 carretilla, con respaldo y respaldo
8/1112/2 length-largo 370 cm.
8/1112/3 length-largo 470 cm.



Chute — Resbalador tobogán.
8/1113 length-largo 400 cm.
height-alto 100 cm.
width-ancho 35 cm.

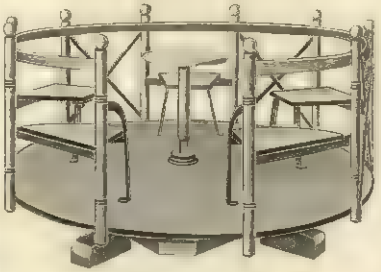
Children's roundabout.
Calecitas para niños.



8/1122
painted in colours, portable ⌀ 100 cm
pintadas en colores, desmontables ⌀ 160 cm

8/1104/15
Duck-Rocker painted in colours, length 65 cm.
Hamaca pintada blanca y en colores, largo 65 cm.

Roundabout Calecitas para niños.



8/1123/1 with 4 seats, about 125 cm ⌀
con 4 asientos, 125 cm ⌀
8/1123/2 with 5 seats, about 170 cm ⌀
con 5 asientos, 170 cm ⌀
8/1123/3 same as /2 but with folding umbrella awning.
el mismo como /2 pero con parasol desmontable

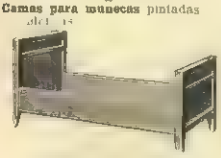
8/1104/20
Chicken Rocker painted white, length 50 cm.
Hamaca pintada blanca, 50 cm de largo

8/1104/25
Rocker painted in colours, length 65 cm
Hamaca pintada en colores 65 cm de largo

Doll's Wash-Stands
painted white
Lavatorio para muñecas,
pintado blanco

8/1711/1 height-altura 45 cm.
8/1711/2 " " 57 "
8/1711/3 " " 67 "

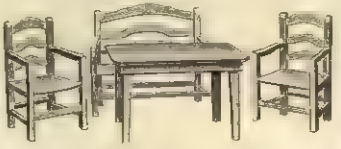
Dolls beds painted white
Camas para muñecas pintadas de blanco



8/1904/1 26 × 40 cm
8/1904/2 34 × 17 "
8/1904/3 42 × 21 "
8/1904/4 [illegible] × 25 "
8/1904/5 38 × 28 "

Dolls furniture sets
Mobiliario para muñecas.

8/1819C painted white, composed of 2 chairs 8/1819S, 1table 8/1819T, 1 bench 8/1819B.
8/1819C pintado blanco, compuesto de 2 sillones 8/1819S, 1 mesa 8/1819T, 1 banquito 8/1819B.

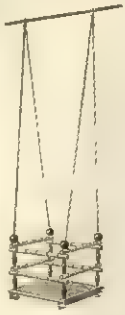


8/1817C painted white, composed of 2 chairs 8/1817S, 1 table 8/1817T, 1 bench 8/1817B
8/1817C pintado blanco, compuesto de 2 sillones 8/1817S, 1 mesa 8/1817T, 1 banquito 8/1817B.

Childrens swings with white aloe-hemp ropes
Columpios para niños de barras con cuerda blanca de cáñamo

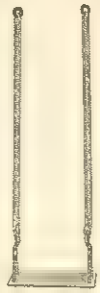
Length-largo 150 cm.
S/1100/10 varnished-barnizado
S/1100/10½ painted white pintado blanco

Length-largo 150 cm.
S/1100/11 varnished-barnizado
S/1100/11½ painted white pintado blanco



Length-largo 150 cm
S/1100/16 varnished barnizado
S/1100/16½ painted white pintado blanco

Length-largo 150 cm
S/1101/2 varnished barnizado
S/1101/4 painted white pintado blanco



with wood seat and hemp ropes
con asiento de madera y cuerdas de cáñamo

	seat asiento	length largo
S/1102/1	45 × 16 cm	200 cm
S/1102/6	52 × 13 „	160 „
S/1102/7	45 × 17 „	225 „
S/1102/8	52 × 23 „	225 „

Netted Swing
Columpio de red

Length-largo
S/1103 1.. cm

Scipping ropes
Cuerdas de saltar

Length-largo
S/1100 200 cm
S/1100/1 „

Small Swing -skittles
Juegos de lanzar la bocha de la mesa

S/1102 ..
S/1102 ..
S/1102/1 polished pulido
S/1102/2 polished pulido

Skittle games **Juegos de bolos**

... varnished barnizado
S/1... 1
S/1... 2
S/1102
S/1102
S/1102
S/1102

height of skittles
altura de los bolos
... cm
...
...
...
...
28

Roulette games
Juegos de roleta

S/1102/2/0 ⌀ 18 cm.
S/1102/0 ⌀ 20 „
S/1102/1 ⌀ 24 „
S/1102/2 ⌀ 27 „

Tower games with marbles
Juegos de torre con bolillas

height — altura
S/1172/0 18 cm ⌀ 20 cm
S/1172/1 19 „ ⌀ 24 „
painted in colours
pintado en colores
S/1172/2 19 cm ⌀ 24 cm

Parlour skittles
Juegos de bolos y bochas de mesa.

S/1032/1 with adjustable bowling-alley —
con corredera de bocha desmontable

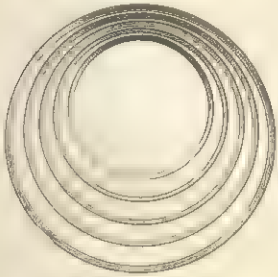
S/1032 same as No. -/1 but with ball board 1210 to put in, so that it can be used as skittle or bowl game.
como el 1032/1 pero con tabla No. 1210, de manera que puede ser usado como juego de bolos o de bochas.

Billards - Billares.

with 3 cues, 5 skittles and 3 balls
con 3 tacos, 5 bolos y 3 bolas

		height — altura
S/10...	180 × 5 cm	71 cm
S/10...	175 × 5 „	76 „
S/10...	190 „	7...

Wooden hoops best finish with sticks
Aros calidad fuerte incluyendo el palo



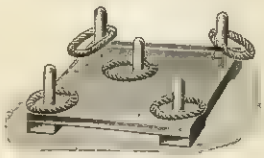
varnished barnizado

S/2400/1	⌀ 50 cm.
S/2400/2	⌀ 60 „
S/2400/3	⌀ 70 „
S/2400/4	⌀ 80 „
S/2400/5	⌀ 90 „

painted in colours-pintado en colores

S/2401/1	⌀ 50 cm.
S/2401/2	⌀ 60 „
S/2401/3	⌀ 70 „
S/2401/4	⌀ 80 „
S/2401/5	⌀ 90 „

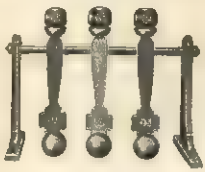
Deck-quoits **Quoits**



S/2080/1 30 × 30 cm
with cane rings
con anillos de caña.

S/2080/2 30 × 30 cm
S/2080/3 40 × 40 „
S/2080/4 50 × 50 „
very strong extra fuerte
} with hemp rings
con anillos de cáñamo

Balance and Die game
Bochas de balanza



S/1206/2 width-anchura 60 cm
height — altura 41 cm

96 40/1 17½×19½×5 cm
without clockwork — sin mecanismo

„Noni"
der musikalische Clown, vielfarbig bedruckt, spricht unter Gesichtsverzerrungen; während er die Ziehharmonika auf- und zudrückt, klappt seinen Zylinder zusammen und quietscht
Urkomische Wirkung

"Noni"
the musical Clown, with multicolour-printing, speaking and making grimaces, while drawing up and down the harmonica, his high hat collapses and squeaks
Most amusing effect

«Noni»
el clown musical, con impresión multicolor, hablando torciendo la cara, mientras puja la armónica hacia arriba y abajo, su sombrero alto se desploma, chillando al mismo tiempo
Efecto muy cómico

„Telephonist"
vielfarbig lithographiert, spricht unter Gesichtsverzerrungen am Telephon, während die Glocke ertönt
Urkomische Wirkung

"Telephonist"
litographed in various colours telephones making grimaces, while the bell rings
Most amusing effect

«Telefonista»
litografiado en varios colores, habla al telefono haciendo momos, mientras toca la campanilla
Efecto muy cómico

96/31/2 16,5×11×5 cm
without clockwork — sin mecanismo

„Feuerwehrmann im Dienst"
Bild zeigt Handhabung und Wirkung. Groteske Figur mit prima Gummischlauch

"Fire-brigade man in service"
Illustration shows operation and effect Grotesque figure with la rubber-hose

«Bombero del cuerpo de zapadores en servicio»
La ilustración muestra el manejo y su efecto. Figura grotesca con manga de goma de la calidad

96 41/1 11×19×10 cm
without clockwork - sin mecanismo

„Glücksvogel"
Reizender Vogel in vielfarbigem Velourdruck mit einem Kleeblatt im Schnabel, mit Uhrwerk. Der Vogel haftet mittels Gummisaugers an jedem Glas und glatter Fläche und klopft mit dem Schnabel
Verpackung in bedruckter Faltschachtel

"Fortune's Bird"
Enchanting bird in multi-coloured velvet printing with a leaf of trefoil in its beak, with clockwork. The bird sticks to any glass and any smooth surface by means of a rubber sucker and knocks with its beak
Packing in printed folding box

«Pajaro de Suerte»
Pajaro encantador de felpa impresa de varios colores con una hoja de trébol en su pico, con mecanismo de reloj. El pajaro pega á cualquier vidrio o superficie lisa mediante chupador de goma y bate con el pico
Embalaje en cajita-cartón impresa

Glücksvogel
Fortune's Bird
Pajaro de Suerte

96/39/1 9½×5×3cm

„Jamaica" Schmetterling
Körper in farbigem Velourdruck, Flügel aus vielfarbigem Celluloid, mit Uhrwerk. Mittels Gummisaugers haftet er an jedem Glas, jeder glatten Fläche, flattert mit den Flügeln und dreht sich dabei. Frappante natürliche Wirkung
Verpackung in bedruckter Faltschachtel

"Jamaica" Butterfly
Body in coloured velvet printing, wings of vary-coloured celluloid, with clockwork Sticking to any glass and any smooth surface by means of a rubber sucker, fluttering with its wings and turning round at same time. Sticking natural effect
Packing in printed folding box

Mariposa «Jamaica»
Cuerpo de felpa impresa de colores, las alas de celuloide multicolor, con mecanismo de reloj. Mediante chupador de goma pega á cualquier vidrio á cualquier superficie lisa, batiendo con las alas y girando al mismo tiempo
Efecto muy frapante. — Embalaje en cajita-cartón impresa

96/38/3 14×10×3,5 cm

Störrischer Esel mit Clown, mit vor- und rückwärtslaufendem Werk

Stubborn donkey with clown, with work running forward and backward

Asno reacio con arlequín, con mecanismo marchando adelante e atrás

Störrisches Zebra mit Cowboy, mit vor- und rückwärtslaufendem Werk

Stubborn Zebra with cowboy, with work running forward and backward

Zebra reacio con vaquero, con mecanismo marchando adelante y atrás

96/39/1 20×19×8,5 cm

96/39/2 20×19×8,5 cm

„PAT & PATACHON"

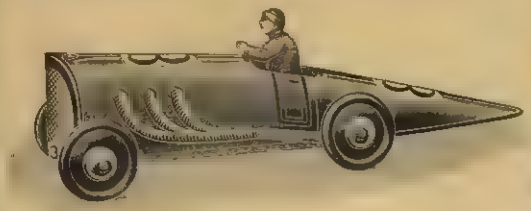
96 42/1
1 figure
18½ cm length and 19 cm
Breadth-anchura 8,2 cm
1 figura
18½ cm largura y 19 cm
½ Grs. { in a box / en una cajita

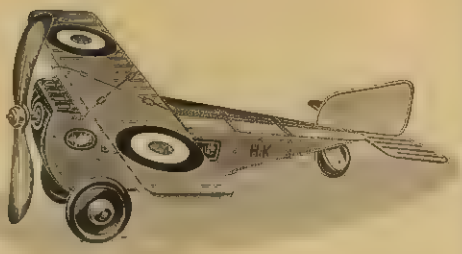
Assortment 68 330 without clockwork
„ 68 330W with clockwork

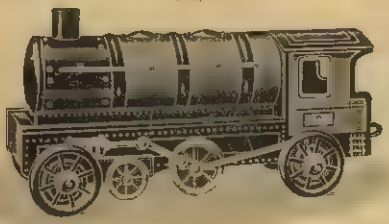
Boxes of 1 doz. assorted { 5 different motor cars, 1 aeroplane, 2 steamers, 3 motor racers, 2 locomotives

Surtido 68 330 sin mecanismo
„ 68/330W con mecanismo

Cajitas con 1 doc. surtidas { 5 automóviles diferentes, 1 aeroplano, 2 vapores, 2 automóviles de carrera, 2 locomotoras

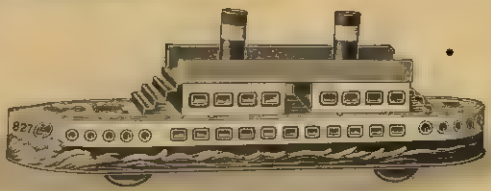






Locomotive
Locomotora
17 × 3 cm

Motor car
Automóvil
18 × 6,5 × 7 cm

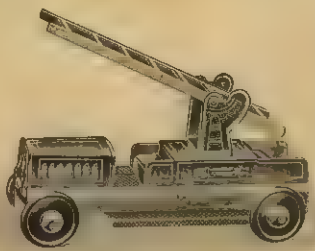


Assortment 68 300 without clockwork

Surtido 68 300 sin mecanismo

Boxes of 3 dozen assorted
4 locomotives
20 different motor cars
1 fire-engine motor cars
4 tip cars
4 aeroplanes

Cajitas con 3 docenas surtidas
4 locomotoras
20 automóviles diferentes
1 automóviles camiones de incendios
4 automóviles de transporte
4 aeroplanos



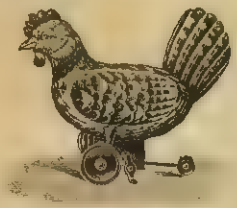
Mechanische Blechspielwaren und Schießspiele
Mechanical tin toys and pistols and guns on targets and in boxes
Juguetes de hojalata con cuerda y pistolas y fusiles sobre blancos y en cajitas

2015/147 [illegible] cm

2015/149 9½×5½×5½ cm
Novelty **Novedad**

2015/148 19×14×19 cm

2015 144
2015/145
2015/146
neuerdings mit Textilbesprit.ung



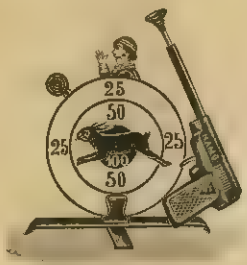
2015/146 15½×7×12½ cm

2015/145 17×7×12½ cm

2015 144 [illegible] cm

2015 144
2015/145
2015/146
lately with textile sprinkling
nuevamente con salpicadura con lunda de paños

2015 164 [illegible] cm

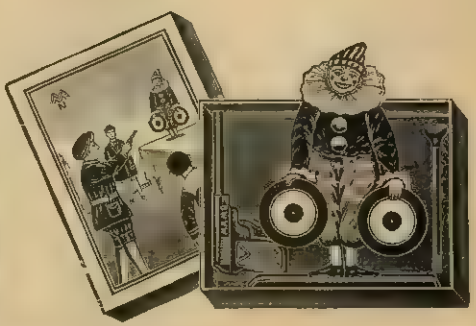


2015 162 18 18 [illegible] cm

2015 161 14×14×17½ cm

2015/174 47½×21 cm

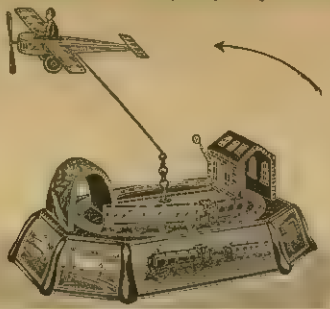
2015 [illegible] cm



2015/160 18×18×24½ cm

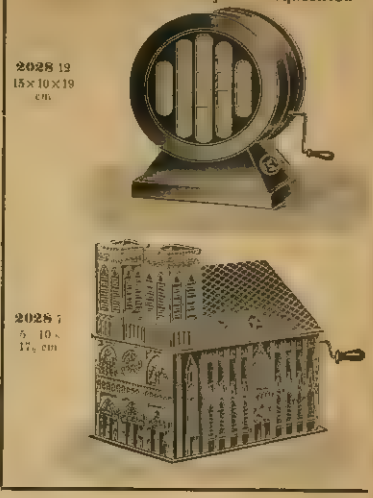
Tin toys with and without clockwork — Juguetes de hojalatą con y sin cuerda

2007/88 { with rubber mechanism / mecanismo por goma } 18×23×51 cm



2007 with clockwork — con cuerda

2007/82 without clockwork — sin cuerda



2028 12
15×10×19 cm

2028 7
5 10×17½ cm

2007/81 { with clockwork / con cuerda } 14 cm
2007/81R with flywheel — con volante

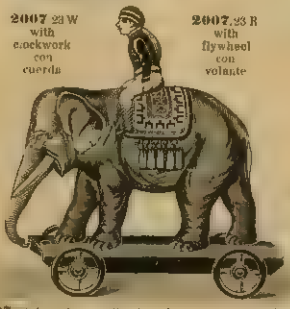
2007 76 with clockwork — con cuerda
16×11×8 cm

2007/52 { without clockwork / sin cuerda } 10×12 cm

2007 69 9 14 cm

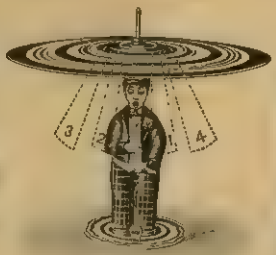
2007 73W with clockwork — con cuerda
2007 73R with flywheel — con volante
24×5×9½ cm

2007/80 19×10 cm with clockwork — con cuerda



2007 23W with clockwork con cuerda
2007 23R with flywheel con volante
2007 3 16 1 cm without clockwork sin cuerda

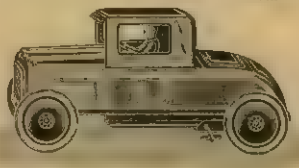
2007 22 17½ cm without clockwork sin cuerda
2007 22W with clockwork con cuerda
2007 22R with flywheel — con volante



2007/41 11×13 cm
without clockwork — sin cuerda

2007 74
without clockwork — sin cuerda
2007 74R
with flywheel — con volante

2007 89
28×8 cm



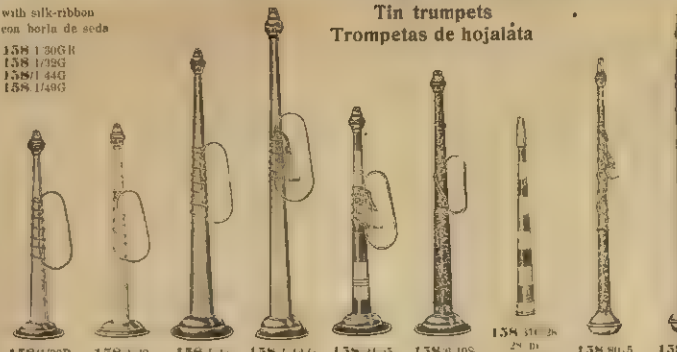
2007/71W with clockwork — con cuerda
2007,71R with flywheel — con volante
} 18×8×9 cm

Orchestrion boxes — Cajas de orquestrión

with silk-ribbon
con borla de seda

158 1 30GR
158 1/32G
158/1 44G
158 1/48G

Tin trumpets
Trompetas de hojalata



158/1 30GR 30 cm
158 1/32G 32 cm
158/1 44G 44 cm
158 1/48G 48 cm
158 2/55 55 cm
158 6/40S 40 cm
158 3/0 28 cm
La 48 cm
158 80/5 40 cm
158 80/3 47 cm

Dolls' stand
Porta-muñecas

	Height Altura
177 1N15	15 cm
177 1N20	20 „
177 1N25	25 „
177 1N30	30 „
177 1N35	35 „
177 1N40	40 „
177 1N45	45 „
177 1N50	50 „
177 1N55	55 „
177 1N60	60 „
177 1N65	65 „
177 1N70	70 „
177 1N75	75 „

177 1N15
Height Altura 35 cm

Really grinding childrens' coffee mills, splendid article for toy and use
Molinos de café moliendo realmente, artículo encantador para juego y uso

192/30.1 6×14,5 cm **192** 40.1 6×14,5 cm **192** 40/2 6×14,5 cm

The receptacles of the wall coffee mills may be provided with any desired inscription. Generally the decorations are always delivered well assorted.

Los recipientes de los molinos de café de pared pueden proveerse de cualquier inscripción deseada. Generalmente se suministran las decoraciones siempre bien surtidas.

192/52.1a 6×7×13 cm
192/52.2a 6×7×13 cm
192.54E 6×7×13 cm

192/30.1 Receptacle and grinding case combined of cast iron (unbreakable) with wall-plate in natural varnish

192/30/1 Recipiente y caja de moler combinados de hierro colado (infrangible) con placa de pared barnizada al natural

192/40/1 Superfine china receptacle with neatly coloured decorations, grinding case varnished in various colours. White varnished

192 40/1 Recipiente superfino de porcelana con decoraciones encantadoras variegadas, la caja de moler barnizada en varios colores. Placa de pared barnizada de blanco

192 40/2 same as **192** 40/1, but with inscription in white oval

192.40/2 mismo como **192**.40/1, pero con inscripción en ovalo blanco

Lap coffee mills for dolls' kitchens finely varnished dovetailed beech case **Molinos de café de regazo para cocinas de muñecas, cajo de haya finamente barnizada y empalmada**

192 52.1a with open brass hopper in natural varnish
192 52.2a with brass hopper with sliding cover in natural varnish
192 52.3a with nickelplated hopper with sliding cover in natural varnish
192 52.1b same as **192** 52.1a } but in coloured varnish
192 52.2b same as **192** 52.2a } pero barnizado de color
192 52.3b same as **192** 52.3a
192 54a con tolva de latón abierta, barnizado al natural
192 54B con tolva de latón con tapa corrediza, barnizado al natural
192 54Ba con tolva niquelada con tapa corrediza, barnizado al natural
192 54B with brass hopper with sliding cover varnished in 2 colours
192 54C with nickelplated hopper with sliding cover varnished in 2 colours
192 54E exactly as picture, nickelplated, varnished in 2 colours
192 54B con tolva de latón con tapa corrediza, barnizado en 2 colores
192 54C con tolva niquelada con tapa corrediza barnizado en 2 colores
192 54E exacto como imagen, niquelada, barnizado en 2 colores

Mosaic games

An original case of **164** G1 contains ng 12 dozen

Grossweight abt 7[illegible] kg
Nettweight „ 12 „

Measurements
6[illegible] × 46 × [illegible] cm

An original case of **164**/1H containing 12 dozen

Grossweight abt 66 kg
Nettweight „ 56 „

Measurements
65 × 46 × 43 cm

164 G1 23½×34½ cm

164/1H 19½×29 cm

Juegos mosaicos

Una caja original de **164** G1 contiene 12 docenas

Peso bruto aprox. 76 kg
Peso neto „ 62 „

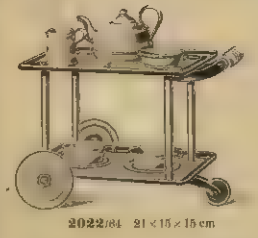
Dimensiones
65 × 46 × 43 cm

Una caja original de **164**/1H contiene 12 docenas

Peso bruto aprox. 66 kg
Peso neto „ 56 „

Dimensiones
65 × 46 × 43 cm

Wheelbarrow — Carretilla

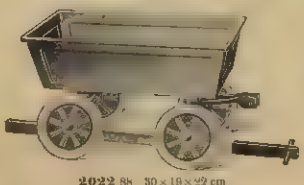


2022/84 21×15×15 cm

with a toy tea set of aluminium, 8 pcs
con un servicio de té de aluminio, 8 pcs.

		Parts of tea set Partes de servicio
2022/85	23½×16½×16½ cm	12 pcs./pzs.
2022 86	29 ×18 ×18 „	17 „ „

2022 80 33×20×17 cm



2022 88 30×18×22 cm

2022 88
Travel cart, of especially sturdy construction, with wooden shaft, box of strong sheet-iron first class varnishing

Carrito para arena, tipo muy solido, la caja de chapa de hierro muy fuerte, perfectamente barnizado.

2022 88
Barrow of strong sheet-iron, first class varnishing La caja de chapa de hierro muy fuerte, perfectamente barnizado.

2022 87 17×17 cm
2022 87/1 20×20 „
ass. figures — figuras surt.

2022,83 Height, Altura 29 cm
without clockwork — sin cuerda

Cheap tin toy assortments without clockwork and Carnival and jest articles

Surtidos de juguetes de hojalata baratos sin mecanismo y Artículos de carnaval y de chanza

Assortment 68/325

without clockwork

Boxes of 3 doz assort
3 locomotives
3 train passenger cars
3 freight cars
68 cm
1 passenger train cars
3 observation cars
3 aeroplanes
3 steamers
3 crocodiles

68 25 ,0 4 cm

Cajitas con 3 doc as t
3 locomotoras
3 tren vagones
3 automóviles
68 25
15 automóviles diferentes
3 automóviles de carrera
3 aeroplanos
3 vapores
3 cocodrilos

11,5×4,5×4,2 cm

18 18 4 cm

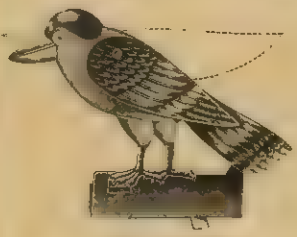
12 2 4 cm

13 28 15 cm

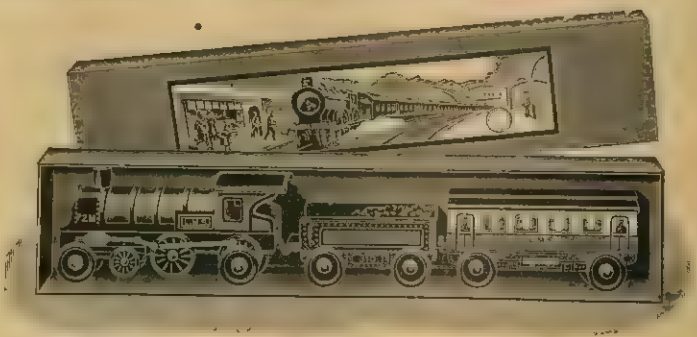
13,5×3×4 cm

Surtido 68/325

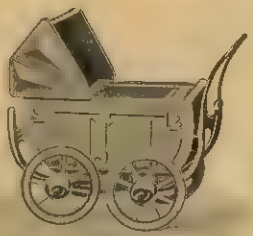
sin mecanismo



68 180 12 2 8 cm



68 800 28 8 cm



68 1 1 8 cm

68 180

68 length 20 cm

Length/Longueur
68 80 80 30 cm
68 20 135 45
68 20 145 45

68 20 80 4 cm

68 170 assorted surtido 4 3 2 1 cm

68 1533 8 cm **68** 899 25 cm **68** 761 20 cm

Length/Longueur
68 170 5 cm
68 170 6
68 170 20 8
68 170 25 25

Length/Longueur
68/761/30 30 cm
68 761/35 35
68 761 45 45
68 761/50 50

Domino-Visiere und Phantasie-Masken aus Samt, Seide und Stoff — Dominoes and fancy masks of velvet, silk and cloth
Viseras para dominós y máscaras de fantasía de terciopelo, seda y estofa

87 1 87 1. 87 21 87/61 87/65 87/64
87 41 87 46 87 54
87 121 87/131 87 141
87/151

87/4 87/15 87/24 87 281 87/285 87 ..85
87/98 87/114 87/124 87 287 87 288 87 289
87 138 87 153 87/291 87/293 87 ...
87 ... 87 ... 87 117
87 ... 87 321 87 ...
87 325 87 327 87 ...

87 261 87 266

87 248 87 ... 87 241

87/5 87/16 87/25 87/36 87/50 87/91
87/100 87/115 87/125 87 134 87/144 87/151

87 2 87 1... 87 ... 87 47 87 57 87 58
87/81 87/95 87 ... 87 102 87 ... 87 ...
87 117 87 122 87 132 87 142 87 152

87/82 87/136

All masks are supplied in black, red, green, pink, yellow, white, lilac, light green, orange, violet

In case of need please apply for special catalogue, stating the No. 87

87 87/2 87/20 87/3 87/4 87/5 87/57 87/57▽ Extrafeine Atlas-Dominos — Extrafine satin-dominoes — Dominós de raso, extrafinos

87 54 87/56 Extrafeine Atlas-Dominos mit Shirtingfutter — Extrafine satin-dominoes with shirting-lining — Dominós de raso, extrafino con forro de cambray

87 46 87/47 87/47▽ 87/48 87/50 87/53 87/59 Extrafeine Atlas-Dominos mit Seidenfutter — Extrafine satin-dominoes with silk-lining — Dominós extrafinos de raso, forrados de seda

87 11 87 12 87/12▽ 87/13 87/15 87/16 87/75 87/82 Ia Atlas-Dominos — 1st class satin-dominoes — Dominós de raso, Ia

87 21 87/22 87/22▽ 87/24 87/25 IIa Atlas-Dominos — 2nd class satin dominoes — Dominós de raso, IIa

87 31 IIIa Atlas-Dominos — 3rd class satin-dominoes — Dominós de raso, IIIa

87 32 87/32▽ 87/36 IIIa Atlas-Dominos mit 12 cm langem Behang — 3rd class satin-dominoes with flaps of 12 cm long — Dominós de raso IIIa con colgadura de 12 cm de largo

87/249 87 250 Atlas-Domino-Visiere, kariert Domino-visors of satin, chequered — Viseras de dominó de raso, ajedrez

87 61 Prima Seiden-Atlas — First class silk satin — Raso de seda de Ia

87/237 Extrafein Atlas mit Samtblumen und Perlen — Extrafine satin with velvet flowers and pearls — Raso extrafino con flores de terciopelo y perlas

87 241 Extrafein Atlas mit feinem Flitterschlung — Extrafine satin with fine tinsel — Raso extrafino con lentejuelas

87 76 Satinet Máscaras de frente

87 77 Patent-Satinet — Máscaras de frente patentadas

87 141 87 142 87/142▽ 87 144 87/146 Patent-Satinet auf Gaze Patent-satinet, on gauze — Satineta patente sobre gasa

87 84 87 121 87 122 87 122▽ 87/124 87/125 Ia Satinet Dominos — First class satinet-dominoes — Dominós de satineta Ia

87 151 87 152 87/152▽ 87/153 87 154 Ia Patent-Satinet Dominos — First class patent satinet dominoes — Dominós patente de satineta Ia

87 92 87/93 Ia Samt Dominos — First class velvet dominoes — Dominós de terciopelo, Ia

87 91 87/91▽ 87/94 Ia Samt-Dominos mit Ia Atlasbehang — First class velvet-dominoes with first class satin flaps — Dominós de terciopelo, Ia, con colgadura de raso de Ia

87 97 87 97▽ 87 100 IIa Samt-Dominos mit IIa Atlasbehang — 2nd velvet dominoes with 2nd satin flaps — Dominós de terciopelo IIa, con colgadura de raso de IIa

87 96 87/96▽ 87 102 87 103▽ IIa Samt-Dominos mit Satinetbehang — 2nd velvet-dominoes with satinet flaps — Dominós de terciopelo IIa, con colgadura de satineta

87 261 IIa Samt mit dreieckigem Spitzenbehang und mit Fransen garniert, nur schwarz — 2nd velvet with triangular lace flaps and trimmed with frings, only black — Terciopelo IIa, con colgadura triangular de encajes y guarnecido de franjas, solamente negro.

87 ... 87 105▽ 87 106 Extrafeine Samt-Dominos mit Shirtingfutter — Extrafine velvet-dominoes with shirting-lining — Dominós de terciopelo extrafino con forro de cambray

87 1... 87/112▽ 87 113 87/114 87/116 87/117 87 117▽ 87 118 Extrafeine Samt-Dominos, innen weiß Atlasfutter — Extrafine velvet-dominoes within white satin-lining — Dominós de terciopelo extrafino por dentro forro de raso blanco

87 64 87 191 87 192 87 192▽ 87/193 87/194 87/196 87 ,86▽ Percal-Dominos Percale dom noes — Dominós de percal

87 201 Ia la Spitzen-Dominos mit Flitter in Figuren benäht, alle Farben — First class lace-dominoes with tinsel in figures sewed on, all colours Dominós de encajes de Ia la, cosidos con lentejuelas en figuras, todos colores

87 204 Payett-Brille auf Seidenfutter, mit kleiner Rüsche, alle Farben — Payett spectacles, on silk-lining, with small ruche, all colours — Anteojos de payeta sobre forro de seda, con rizado estrecho, todos colores

87 202 Payett-Brille auf Leinenfutter, ohne Rüsche, alle Farben - Payett spectacles on linen without ruche, all colours — Anteojos de payeta sobre lienzo, sin rizado, todos colores

87 281 87/286 87/287 87/288 Ia Ia Samt-Brille auf Seidenfutter garniert — First class velvet-spectacles, on silk-lining trimmed — Anteojos de terciopelo de Ia la sobre forro de seda, guarnecido

87 289 87/291 87 293 Ia Samt-Brille auf Weißzeug, garniert — 1st class velvet-spectacles on linen, trimmed — Anteojos de terciopelo Ia sobre lienzo, guarnecido

87 311 87 313 87/315 87/319 Extrafeine Atlas-Brille auf Seide, garniert — Extrafine satin-spectacles on silk, trimmed — Anteojos de razo extrafino sobre seda, guarnecido

87 317 87 321 87 323 87 325 87/327 Extrafeine Atlas-Brille auf Weißzeug, garniert — Extrafine satin-spectacles on linen, trimmed — Anteojos de razo extrafino sobre lienzo, guarnecido

87 335 Satinet-Brille mit schmaler Rüsche, alle Farben — Satinet-spectacles with narrow ruche, all colours — Anteojos de satineta, con rizado estrecho, todos colores

87 ...

87 120▽ 87/122▽ 87 ...▽ 87 ...▽
87 ...▽ 87 ...▽ 87 ...▽ 87 ...▽
87 ...▽ 87 105▽ 87 112▽
87 117▽ 87 ...▽ 87 ...▽
87 ...▽ 87 ...▽ 87 ...▽

87 ... 87/13 87/48 87 53 87 56
87/92 87 ... 87/113 87/118

87/261

87/75 87/76 87 77

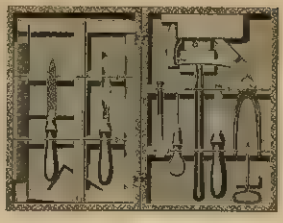
87 ...

Se entregará todas las máscaras en negro, rojo en color de rosa, en verde blanco, lila, verde claro en color de naranja y de violeta

Cuando Vd. tiene necesidad de estos géneros sírvase demandar el catálogo especial indicando el No 87

Gute Werkzeuge auf Karton, in überzogenem Holzrahmenkasten
Good tools on cards in wooden framed card board boxes
Herramientas finas sobre cartones, en cajas de cartón con marco de madera

64/259/2 30×25×7½ cm
ca. 1,6 kg



64/259/3 30×25×7½ cm
ca. 1,8 kg

Werkzeugkarten für Kerbschnittarbeiten mit besten Werkzeugen
Best tools for wood carving on cards
Herramientas finas para escultores en madera sobre cartones

64 148/8 30×24 cm
ca. 0,5 kg

64 148/6 30×25 cm
ca. 0,9 kg

Gute Haushaltwerkzeuge auf Karten
First class household tools on cards
Herramientas de primera calidad, sobre cartones

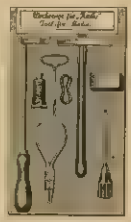
64 189/3 33×19 cm
ca. 0,55 kg

64/189/2 33×23 cm
ca. 0,85 kg

64/189/1 33×27 cm
ca. 0,95 kg

Werkzeugkarten für Radio- und Elektro-Amateure
Tools for "Radio" on cards
Herramientas para trabajos radio-eléctricos, sobre cartones

64/191/3 30×15 cm
ca. 0,20 kg



64/191/2 30×17 cm
ca. 0,30 kg

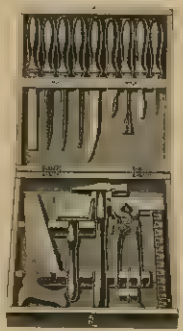
64/191/1 33×23 cm
ca. 0,55 kg

Werkzeugkasten für Knaben, von Hartholz, mattiert, mit guten, brauchbaren Werkzeugen — Tool boxes for boys, made of alderwood, dull varnished, with good and handy tools — Cajas de madera dura, barnizada, mate, con herramientas finas para muchachos

64/161/4 ca. 1,1 kg
25×16×7 cm

64/161/3 ca. 1,4 kg
26×17,5×7 cm

64/161/2 ca. 1,5 kg
26×20×7,5 cm

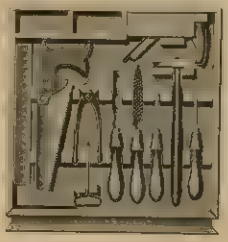


64/161/1 ca. 1,8 kg
27×25,5×7,5 cm

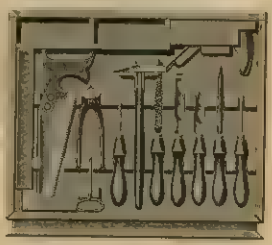
64 188/3 ca. 1,1 kg
26×16×6 cm

64 188/2 ca. 1,2 kg
28×18×6 cm

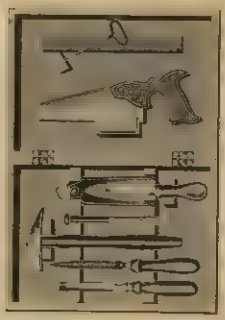
64 187/3 ca. 1,1 kg
26×26×5,5 cm



64 187/2 ca. 1,4 kg
30×30×5,5 cm



64/187/1 ca. 1,65 kg
36×30×5,5 cm



64/188/1 ca. 1,5 kg
30×22×7 cm

Chessmen wood
boxwood, bone and horn

Ajedreces de madera
bujo, hueso y cuerno

89/932/0–4 The King – el Rey

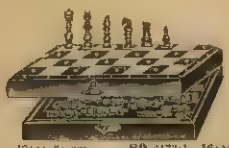
89/931a/0	matt Ahornholz, in weißen Schiebekasten	50 mm
89/931a/1		60 „
89/931a/2	maple wood in soft wood sliding boxes	65 „
89/931a/3		73 „
89/931a/4	acere en cajitas de abeto	80 „
89 931a/5		84 „
89 931AB/0	matt Buchsholz, in weißen Schiebekasten	55 „
89/931AB 1		62 „
89/931AB/2		69 „
89/931AB.3	box wood in soft wood sliding boxes	75 „
89 931AB/4		82 „
89/931AB.5	bujo en cajitas de abeto	90 „
89/931AB/6		95 „
89/931DB/0	poliert Buchsholz, in fein polierten Klappkasten	55 „
89/931DB/1		62 „
89/931DB/2	box wood varnished in polished boxes	69 „
89/931DB,3		75 „
89 931DB/4	bujo barnizado en cajitas pulidas finas	82 „
89 931DB.5		90 „
89 931DB/6		95 „

89/931a/0-5 89 931AB,0-6 89/931DB/0-6

		The King – el Rey
89 932/0	Bein, Pariser Form	57 mm
89 932 1/0		70 „
89 932 1	Bone, Paris-Form	75 „
89 932 2	Hueso, forma de Paris	80 „
89 932 3		90 „
89 932 4		100 „
89 934 3/0		52 „
89/934/00	Bein, Staunton-Form, mit Tuchunterlage	57 „
89/934/0		65 „
89/934/1	Bone, Staunton-Form, with cloth	70 „
89 934/2		80 „
89 934/3	Hueso forma Staunton, con paño	85 „
89 934/4		92 „
89 934/5		98 „
89/935/00	wie 89/934, aber dünner	57 „
89/935/0	same as 89/934 but thinner	65 „
89/935 1	mismo como 89 934 pero suelto	70 „
89 1265AB	matt Buchsholz, Staunton-Form, in weißen Schiebekasten	55 „
89 1265AB 1		62 „
89 1265AB 2		67 „
89 1265AB 3	plain box wood in soft wood sliding boxes	72 „
89 1265AB.4		78 „
89 1265AB 5	forma Staunton bujo en cajitas de abeto	85 „
89 1265AB 6		90 „

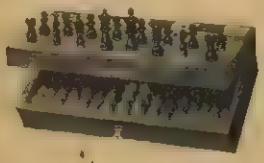
89/1265AB/0-6 89 1265DBT/0-6 89/934 3/0-5 89/2367 1-5
89 1265DB/0-6 89 1266C/1-6

		The King – el Rey
89 1265DB/0	poliert Buchsholz, Staunton Form, in fein polierten Klappkasten	55 mm
89 1265DB 1		62 „
89 1265DB.2		67 „
89 1265DB.3	varnished Staunton in polished boxes	72 „
89 1265DB 4		78 „
89 1265DB 5	forma Staunton barnizado en cajitas pulidas finas	84 „
89 1265DB		90 „
89 1265DBT/0	wie 89/1265DB, aber mit Tuchunterlage	55 „
89 1265DBT 1		62 „
89 1265DBT/2	same as 89 1265DB, but with cloth	67 „
89 1265DBT 3		72 „
89 1265DBT 4	mismo como 89/1265DB pero con paño	78 „
89 1265DBT 5		84 „
89 1265DBT 6		90 „
89 1266C 1	wie 89/1265DB, aber mit Bleiausguß, Tuchunterlage	55 „
89 1266C 2	same as 89 1265DB, but loaded and with cloth	62 „
89 1266C 3		67 „
89 1266C 4	mismo como 89 1265DB pero emplomado con paño	72 „
89 1266C 5		78 „
89 1266C 6		84 „
89 2367 1	Horn, Staunton-Form, in fein polierten Kasten	65 „
89 2367 2		70 „
89 2367 3	Horn Chessmen, Staunton-Form, in polished boxes	75 „
89 2367 4	Cuerno forma Staunton en cajitas pulidas	90 „
89 2367 5		1.07 „



89 1225 0 12½× 6½ cm
89 1 1 13½× 6½ „
89 1 1 14½× 7½ „
89 17 × 8½ „
89 1227 5 20 ×10 „

89/3473/1 16½× 8½ cm
89/3473/2 20½×10½ „
very fine execution
muy lindo ejecución

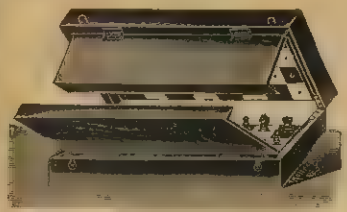


89 1228 1 14½× 7½ cm
89 1228 2 17 × 8½ „
89 1228/3 20 ×10 „
89/4911/1 16½× 8½ „ } strong quality
89 4911/2 20½×10½ „ } figuras fuertes
89 4506 16½× 8½ „ } very strong quality
89 4506 2 20 ×10½ „ } figuras muy fuertes

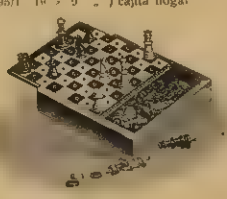
Traveling Chess with bone pegged men
Ajedrez de viaje con figuras hueso

89/2408 16½×8½ cm
89/4680 same as 89/2408 but with domino galalit
89 4680 mismo como 89/2408 pero con domino galalit } 16½×8½ cm

89 4851 13 × 13½ cm } red Mahogany box
89 4851/1 16½ × 16½ „ } cajita en caoba roja
89/4900 13½ × 9½ „ } box Swedish Birchtree
89 3960.1 14 × 11 „ } cajita de abedul
89 4495 14 × 14 „ } box nutwood
89 4495/1 19 × 9 „ } cajita nogal



89 4846 14×7 cm
89/2009 21×13 „
89 3974 17×8½ cm
89 3974M 17×8½ „
89/2001 28×11 „



89 4486 1 19 × 2 cm 89 4852 1 13½×13½ cm

Salta

89/4791 12 × 8 cm
89 4793 2×8 „

89 4326L Leather-Pocket-Chessboard with Celluloid-men
De cuero con figuras celuloide

89 4326J same as 89 4326L but Leather-Imitation
mismo como 89 4326L pero cuero imitación

13 × 8½ cm

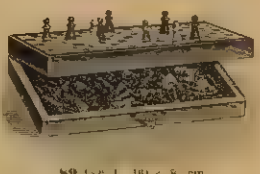
Salta

89 4759 1 28 × 14½ cm
89 4759/2 36 × 14 „
89 4 3 3 40 × 14 „
89 4 4 40½×21 „
89 4759 5 44 ×23 „
89 4759 6 36½×19 „

89 4322/1 Bone hueso
89/4322/2 galalit men / figuras de galalit

In cardboardboxes
En cajitas cartón

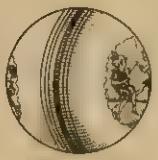
Traveling Halma Game
Halma de viaje



89 1425 1 18½ × 8 cm
89 1425/2 21 × 10 „

Rubber balls — Pelotas de goma

91 2/5 ø 1 inches



91 2/4 ø 4 inches

91 2/6 ø 6 inches

Grey balls — Pelotas pardas	Diameter Diámetro	Coloured balls — Pelotas pintadas	Diameter Diámetro
91/1/1½	1½ inches	**91**/2/1½	1½ inches
91/1/1¾	1¾ "	**91** 2/1	1¾ "
91 1/1⅞	1⅞ "	**91**/2/1⅞	1⅞ "
91/1/2	2 "	**91** 2/2	2 "
91 1/2½	2½ "	**91** 2/2½	2½ "
91 1/2¾	2¾ "	**91** 2/2¾	2¾ "
91 1/2⅞	2⅞ "	**91** 2/2⅞	2⅞ "
91/1/3	3 "	**91**/2/3	3 "
91 1/3½	3½ "	**91** 2/3½	3½ "
91 1/3¾	3¾ "	**91** 2/3¾	3¾ "
91 1/3⅞	3⅞ "	**91**/2/3⅞	3⅞ "
91 1/4	4 "	**91** 2/4	4 "
91 1/4½	4½ "	**91** 2/4½	4½ "
91 1/5	5 "	**91** 2/5	5 "
91 1/5½	5½ "	**91**/2/5½	5½ "
91/1/6	6 "	**91** 2/6	6 "
91/1/7	7 "	**91**/2/7	7 "
91/1/8	8 "	**91**/2/8	8 "
91 1/9	9 "	**91** 2/9	9 "
91/1/10	10 "	**91**/2/10	10 "

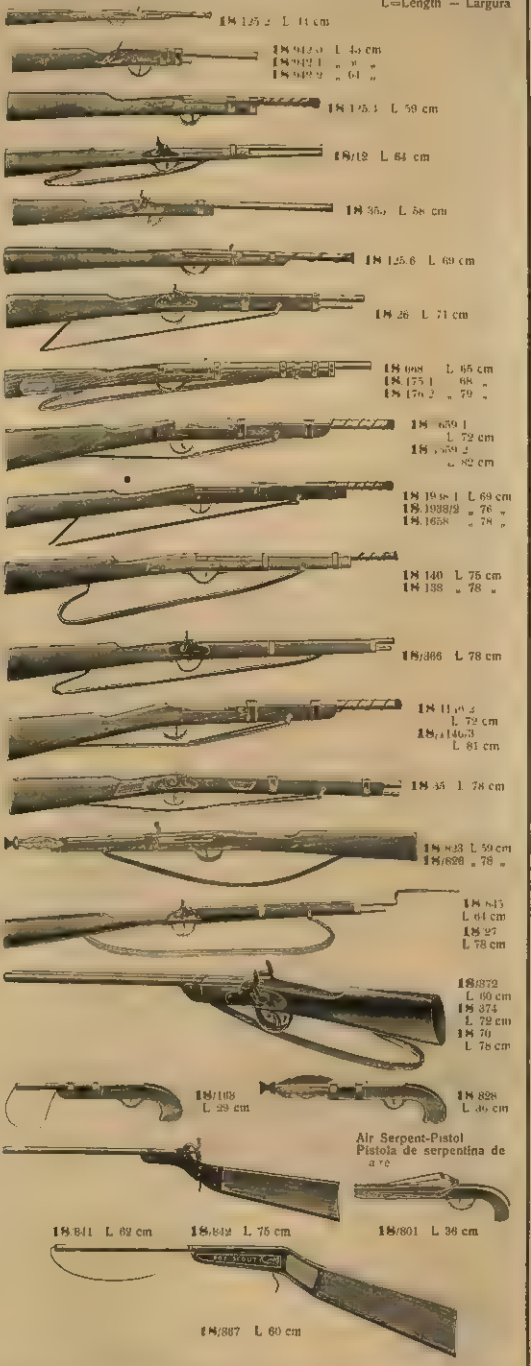
Sizes — Tamaños		Packing/Contenido		
		1	doz	doc.
1½ — 3	inches	¼	"	"
3¼ — 4¾	"	⅛	"	"
5 — 6	"	1	"	"
7 — 10	"	"	"	"

1 case 1 cajon				ca. 130×88×88 cm	
10	doz.	doc.	2½	inches	Grossweight Peso bruto ca. 110 Ko
6	"	"	3	"	
6	"	"	3½	"	Net-weight Peso neto ca. 71 Ko
4	"	"	4¼	"	
3	"	"	5	"	
3	"	"	6	"	
2	"	"	7	"	

1 case/1 cajon				ca. 130×88×88 cm	
10	doz.	doc.	2½	inches	Grossweight Peso bruto ca. 110 Ko
10	"	"	2¾	"	
10	"	"	3	"	Net-weight Peso neto ca. 71 Ko
10	"	"	3½	"	
10	"	"	4	"	
1	"	"	5	"	

Knallflinten — Pop guns — Fusiles con corcho
Perkussionsflinten — Percussion guns — Fusiles de percusión

L=Length — Largura



Aluminium-Spielwaren in blanker Ausführung in rot und blau überzogenen Glacé-Kartons. Spitzen-Kartons buntfarbig bedruckt

Aluminium toys in polished finish, in red and blue covered glacé cardboard boxes. Cardboard boxes with paper lace coloured printed

Juguetes de aluminio pulidos, en cajitas de cartón cubiertas de rojo y de azul. Cajitas de cartón con encajes de papel imprimido de color

77 A2[illegible] [illegible] cm

77 A22 28×15 cm

77 A17 15×15 cm

77 A19 16×16 cm

77 A2[illegible] [illegible] cm

77 A6 20×20 cm

77 A28 [illegible]×[illegible] cm

77 A1 29×29 cm

77 A[illegible] [illegible] cm

77 A27 26×26 cm

77 A18 [illegible]×[illegible] cm

77 615 a
11×7 cm

77 A[illegible] [illegible]×[illegible] cm

77 A[illegible] [illegible] cm

77 A11 24×24 cm

77 A25 52×[illegible] cm

77/690 Length, Largo 20 cm

77/604d/8 ø 6 cm
6 sizes/tamaños

77/623/6 ø 6 cm
77/623/8,5 ø 8,5 cm

77/625/5 ø 5 cm
77/629/7,5 ø 7,5 cm

77/626b/4,5 ø 4,5 cm

77/625 ø 4 cm

77/624/5 ø 5 cm

77/620/4 ø 4 cm
77/620/6 ø 6 cm
77/620/8 ø 8 cm

77/790a Cup/Copa 6 cm
77/790b Cup/Copa 7 cm

77/650 ø 3 cm

77/632a ø 7 cm

77/[illegible] ø 7 cm
77/617/8 ø 8 cm

77/807 4,5 ø 4,5 cm

77/627c 9 L 9 cm

77/[illegible]/5 ø 5 cm
77/608/8,5 ø 8,5 cm

77/858
Height/Alto 15 cm

77/628[illegible] ø 15 cm

77/609/4,5 ø 4,5 cm
77/609/6,5 ø 6,5 cm

77/601/8 ø 8 cm
77/601/[illegible] „ 8 „
77/601/10 „ 10 „

77/603 ø 6 cm
77/603 ø 8 „

77/658 ø 6,5 cm

77/637/6 ø 6 cm
77/637/7 ø 7 „

77/639/5 ø 5 cm 77/639/8,5 ø 8,5 cm

77/638/8 ø 8 cm
77/638/8 „ 8 „
77/638/10 „ 10 „

77/602/6 ø 6 cm
77/602/8 „ 8 „
77/602/10 „ 10 „

77/631 ø 7 cm

77/656 7,5×4 cm

77/700/6 ø 6 cm
77/700/7 „ 7 „

77/661/6 ø 6 cm

77/616 10×5 cm

77/638b ø 4 cm

77/649
Height/Alto 7 cm

77/634 ø 7 cm

77/660 ø 4 cm

77/[illegible] ø8,5cm
77/814 „9,5 „

77 846

Length of the knives, forks and spoons
Largura de los cubiertos } 8,5 cm

Elastolin-Soldaten in allen Nationen
Elastolin-Soldiers of all nations — Soldados de «Elastolin» de todas las naciones

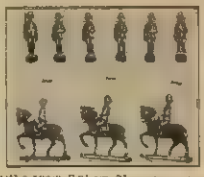
S = Size of the soldiers

S = Tamaño de los soldados

88 [illegible] S [illegible] cm [illegible]
88 [illegible] S 11 cm [illegible]

88/0,41,8 S 4½ cm 24×20,5×4,2 cm
S 6½ cm

88/0,18/12 S 6½ cm 29×23,5×3,2 cm
88 18/12 S 10½ cm 41×28×5 cm

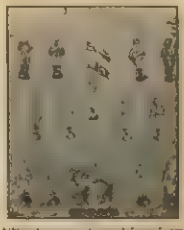


88/0,500/9 S 8½ cm 21,[illegible]
88 500/9 S 14 cm 44×36×[illegible] cm

88/0,18,8 S 6½ cm 26×21,5×3,2 cm
88 18/8 S 10½ cm 37×27×5,5 cm

88/0,403/6½ 24,5×31,5×3,5 cm
S 6½ cm

88/0,44/6 S 6½ cm 28×21,[illegible]
88 44/8 S 10½ cm 41×28 cm



88 [illegible] S 6 cm

88 S 6½ cm 29×11,5×10,5 cm
88 [illegible] S 1[illegible] cm [illegible] 17,5×[illegible] cm

88/0,70/9 S 6½ cm 28×10×10,5 cm
88 [illegible] S [illegible] cm [illegible]

88/0,75/11 S 6½ cm 32,5×11,5×10,5 cm
88 [illegible] S 10½ cm 44,5×15×[illegible] cm

88 [illegible] S [illegible] cm [illegible]
88 [illegible] S [illegible] cm 41×[illegible]

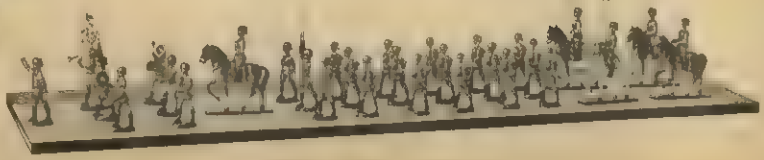
88/0,75/23 S 6½ cm 60×18×12 cm
88 [illegible] S 10½ cm 69×19×19 cm

88 [illegible] S [illegible] cm [illegible]
88 [illegible] S [illegible] cm [illegible]

88 160,7 S 8½ cm 88×11,5×12 cm
88 160/7 S 14 cm 58,5×18,5×19 cm

88/0,703,2 S 6½ cm 38×11,5×12 cm

88 [illegible] S [illegible] cm [illegible]
88 [illegible] S [illegible] cm [illegible]



88 [illegible] S [illegible] cm 7,5×[illegible]×[illegible] cm

88 [illegible]
S 6[illegible]
88×11,5×12 cm

88 770,2
S 10½ cm
45×14×20 cm

Free flying aeroplane-types

Flying 50 to 400 meters far according to size of the machine

The aeroplane-types are driven by exchangeable rubber or compressed air motors. The bodies are made of unbreakable steel wire and varnished assorted in blue and pink

Aeroplanos volando libre

Los aeroplanos pudiendo volar 50 hasta 400 metros según el tamaño de los aparatos

Los aeroplanos son accionados por motores de goma ó aire comprimido cambiables. Los cuerpos son de alambre de acero no frangibles y barnizados en colores rojó y azul surtidos

128/510 42×41 cm Weight, Peso 45 g

128/500 39×36 cm Weight/Peso 40 g
128/505 40×36 cm Weight, Peso 40 g

128/515 53×45 cm Weight Peso 60 g

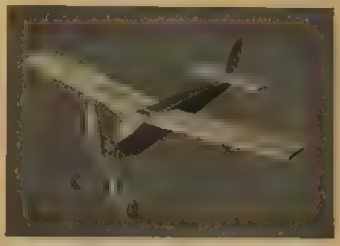
Latest Novelty — Ultima Novedad
model, modelo **128**/... 38×28 cm Weight/Peso 30 g

128 520 80×56 cm Weight, Peso 100 g

128 530 70×48 cm Weight/Peso 135 g

128/535 88×78 cm Weight, Peso 170 g

128 538 90×76 cm Weight Peso 190 g



128/550 95×70 cm Weight/Peso 230 g

128/540 99×83 cm Weight, Peso 200 g

128 555 120×90 cm Weight, Peso 300 g

Die Flugzeugmodelle werden zusammengelegt in festen Düten verpackt geliefert. Auf Wunsch erfolgt Lieferung in Kartons mit Handgriff, siehe nachstehende Abbildung, gegen Mehrpreis

The models of aeroplanes are delivered folded together and packed in solid paper bags. On desire delivery is effected in cardboard boxes with handle, as per engraving below, against price advance

Los modelos de aeroplanos se suministran doblados y empaquetados en bolsos sólidos de papel. Segun deseo pueden suministrarse también en cajitas de cartón con asa, como se ve en el grabado abajo, contra el siguiente aumento de precio

128 505— **128** 510 +10% } extra
128/515— **128**/555 + 5% } de aumento

128/580 150×110 cm Weight Peso 700 g

It is recommend, to ask always for some spare propellers and spare rubber motors, when ordering an aeroplane

Es recomendable mandar venir con el pedido luego algunos propulsores y motores a goma, de repuesto

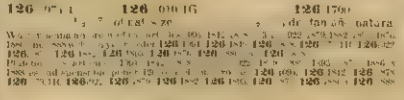
126/21457/1 36×32×5,5 cm

126 1800

126 21457/1 40×34×6,5 cm

Doll's rooms articles of tin

Artículos para cuartos para muñecas, de estaño

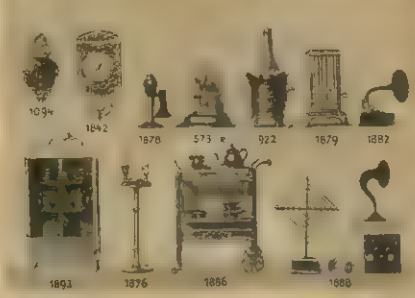


Electric lighting articles

Artículos de alumbrados eléctricos

1/6 of nat. size

1/6 del tamaño natura



1/6 of nat. size 1/6 del tamaño natural

Uhrwerkschiffe — Steamers with clockwork — Vapores con cuerda

116 750/15 Length/Largura 15 cm

116 750/16½ Length Largura 16½ cm
116 751/18 Length/Largura 18½ cm
116 752/20 " " 20 "

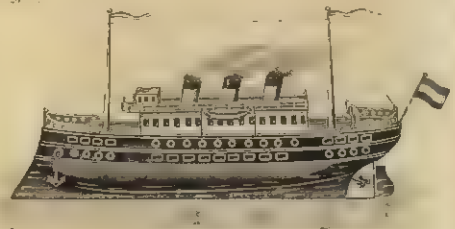
116 751/16½ Length Largura 16½ cm
116 751/18 Length Largura 18½ cm
116 752/20 " " 20 "

116 752/31½ Length Largura 31½ cm
116 753/25 Length Largura 25 cm
116 753/25 " " 25 "

116 762/20 Length Largura 20 cm
116 763/18 Length Largura 18 cm
116 763/18 " " 18 "
116 763/21 " " 21 "
116 763/25 " " 25 "

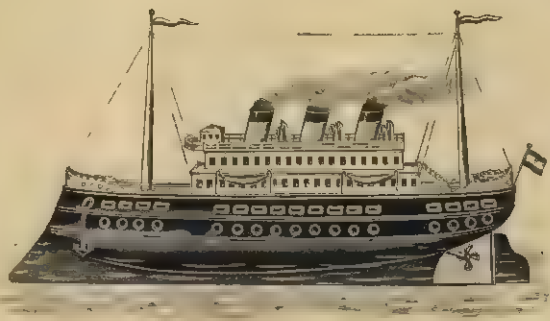
116 763/22 Length/Largura 22 cm
116/763/26 Length Largura 26 cm

116/751/27½ Length Largura 27 cm
116 751/31½ Length Largura 31½ "



116 751/37 Length Largura 37 cm
116 752/42 Length Largura 42 cm
116 753/46 " " 46 "
116 754/54 " " 54 "

116 400/15 Length/Largura 15 cm



116 768 Length Largura 52 cm
116 769 Length Largura 31½ "
116 767 " " 52 "
driven electrically by motor — marchando con electromotor

116/400/18½ Length/Largura 18½ cm
116 400/18½ Length Largura 18½ cm
116 400/20 " " 20 "
116 400/23 " " 23 "

116 400/23 Length Largura 23 cm

116 76[illegible] Length Largura [illegible] cm

Moveable tin figures without clockwork
Figuras de hojalata movibles sin cuerda

129/116 9×7×13½ cm

129 111 9×7×16 cm

129/[illegible] 10½ 7×22 cm
with music — con música

129/147 10½×[illegible]×14 cm

129 117 10×7×18 cm

129/112 10×7×20 cm

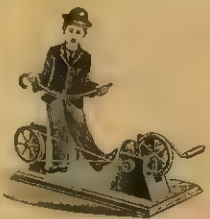
Patent Friction tin toys

129 459/3 21½ [illegible]×9 cm

129 433 24×12 25½ cm

Juguetes de hojalata con volante

129 446/6 [illegible]×8 cm



129 439/2 17×9×16 cm

129/415/3 21×7×15 cm

129/452/6 19×8½×8 cm

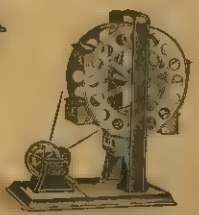
129 442 24×7×20 cm

129/431/3 24×8×9 cm

129/414/3 24×7×11 cm

129 [illegible]×8×8½ cm

129 143 18×12½×12½ cm



129 481 20½×10×21 cm

Swing-merry-go-rounds with driving stem without clockwork
Carruseles con volante, con varilla de impulsión sin mecanismo

129 34[illegible] [illegible]×17×24 cm

129/326 15×10×20½ cm

129/354/3 14×9×18½ cm

Working models
Modelos
de régimen
129/136/6
129/143

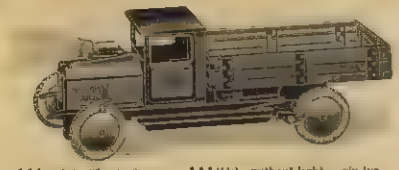
129/337/6 10×10×16 cm

Mechanical tin toys — Juguetes de hojalata con mecanismo

111 [illegible] 12" [illegible] cm 111 without light [illegible] sin luz

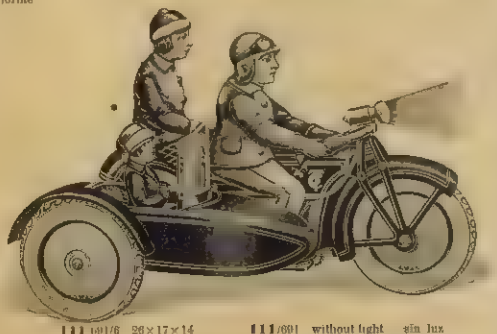
111/30/8 28 × 5 × 6½ cm 111/30 without light — sin luz
111/30/8SB with stick battery — con bateria bacilforme

111/30a/6 37 × 8 × 6½ cm
111/30a without light - sin luz 111/30a/6SB with stick battery — con bateria bacilforme



111 [illegible] 25 × 8 [illegible] cm 111/112 without light sin luz

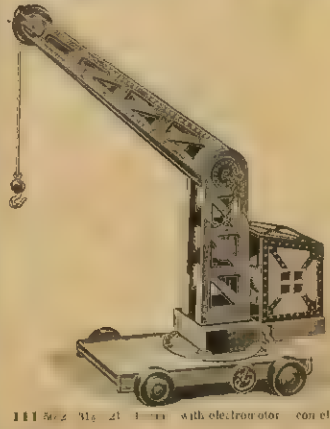
111 956 30 × 12 × 12 cm
111/956/6 with light (3 bulbs) con luz (3 ampollas)
111/956/2 with electromotor, without light - con electromotor, sin luz



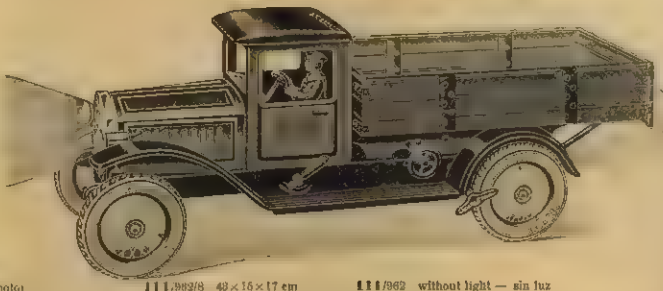
111 691/6 26 × 17 × 14 111/691 without light sin luz

111 949/5 40 × 10 × 13 cm

111/949/6 22 × 8½ × 10 cm
111/949/5 without light sin luz
111/949/7 with light (2 bulbs) — con luz (2 ampollas)
111/949/8 " " (3 ") — " " (3 ")

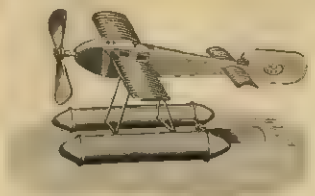


111 [illegible] with electromotor con electromotor



111 962/6 43 × 16 × 17 cm 111/962 without light — sin luz

Wasserflugzeug mit Uhrwerk
Aeroplane with clockwork
Aeroplano con mecanismo

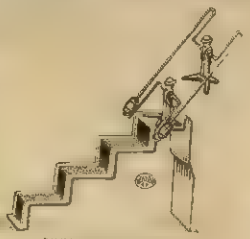


2000 [illegible] **2000** [illegible]

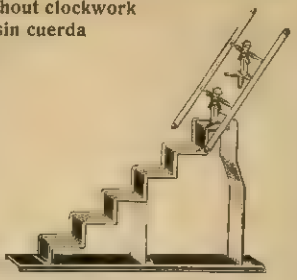
Elektrisier-Maschine
Electrifying machine
Máquina eléctrica

2000 618
[illegible]

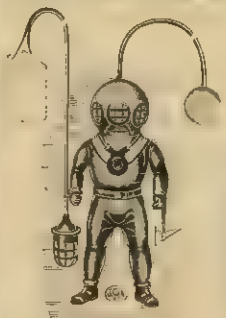
Stairs with moveable figures without clockwork
Escaleras con figuras movibles sin cuerda



2000 706 [illegible]

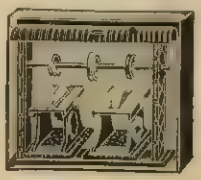


2000 705 [illegible]

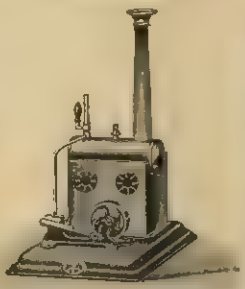


2000 515/1E Height Altura 18 cm.

2000 515/1
mit im Wasser brennender Laterne
with light burning in the water
con luz encendida en el agua

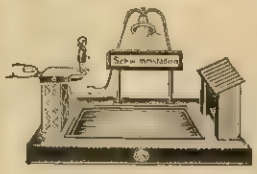


2000/473/1 17,5×14,5×7 cm

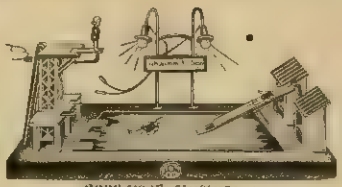


2000/541/3 17,5×15×22 cm

2000 [illegible]



2000/519E 25×12×15,5 cm



2000 519/1E 51×21×25 cm
with light – con luz

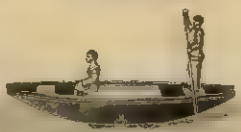
2000 395/1 Length Largura 24 cm

2002 [illegible]

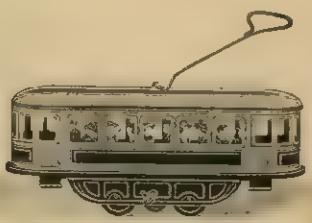
2005 [illegible]
mit Schwungradantrieb
with flywheel drive con volante motor

2005/128W ass. sort. 17×17 cm
mit Uhrwerk with clockwork
con cuerda

2005 [illegible]
Height Altura 4 cm



2005/88 Length Largura [illegible] cm With clockwork con cuerda
2005 [illegible] wie **2005**/88, aber mit Schwungradantrieb
2005/127 same as **2005**/88, but with flywheel drive
2005/127 mismo como **2005**/88, pero con volante motor



2005 87 Length Largura 20½ cm

2005 136 L 16 cm

Automatic Cigarette Case

"TALCO" REG. U.S. PAT. OFF.

For Round Cigarettes

Pat. in UNITED STATES CANADA FOREIGN COUNTRIES
ILLUSTRATIONS ARE ¾ ACTUAL SIZE

Case polished. Back engine turned, straight line pattern. Cover silver plated, gray oxidized finish.
No. 2596. White Metal, highly polished. Each $ 6.00
No. 2597. Sterling Silver. Each 27.00

GIFTS THAT LAST

Case polished. Back engine turned, straight line pattern. Cover silver plated, gray oxidized finish.
No. 2598. White Metal, highly polished. Each $6 00

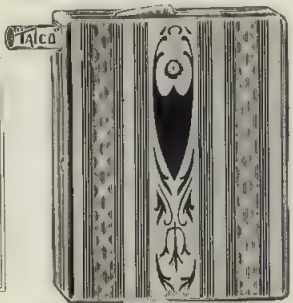
With One Hand— Without Removing Case From Pocket

GIFTS THAT LAST

The "Talco" is more than a Cigarette Case. It embodies a simple and practical idea for the carrying and serving of cigarettes. It is an article of jewelry substantially made and beautifully finished. A practical gift that will bring happiness to the recipient and please the donor.

HER GIFT TO HIM

Case polished. Engine turned design both sides.
No. 2599. White Metal, highly polished. Each $ 5.25
No. 2600. Sterling Silver. Each 20.00



Brochure and engine turned design. Polished finish.
No. 2601. White Metal, highly polished. Each $ 5 00
No. 2602. Sterling Silver. Each 27 00

Brochade silhouette polished finish.
No. 2603. White Metal, highly polished. Each $ 6.75
No. 2604. Sterling Silver. Each 27 00

Galleon Ship design. Highly polished. Engine turned on both sides.
No. 2605. White Metal, highly polished. Each $6.00

Galleon Ship design, oxidized; other part of case is highly polished. Lined back.
No. 2606. White Metal, highly polished and oxidized. Each $6.00

DAZEY CHURNS

Solid cast iron base; reinforced cast gearing; solid steel center and brace rods, covers and dashers white maple, receptacles best quality 2X charcoal tin plate; heavy tinned dash rod; aluminum finish castings, receptacle outside enameled blue.

Heavy Cork-Lined Screw Cap Drain.

No.	D200
Cap, gals	2
Churning cap, gals	1
Height over all, ins	21
Base spread, ins	8
Wt each, lbs	14
Each	$9 00

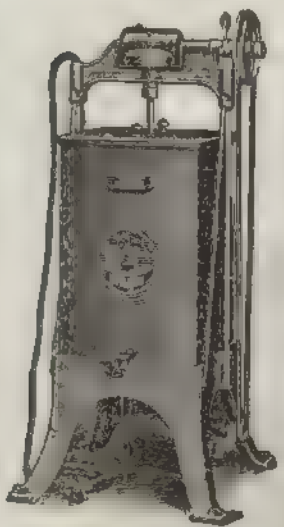
One in crate.

Nickel-Plated Brass Faucet.

Nos.	D300	D400
Cap, gal	3	4
Churning cap, gals	1½	2
Height over all, ins	25	27
Base spread, ins	9	11
Wt each, lbs	21	26
Each	$11 55	14 25

Nos.	D600	D1000
Cap, gals	6	10
Churning cap, gals	3	5
Height over all, ins	31	39
Base spread, ins	12	15
Wt each, lbs	35	58
Each	$17 25	28 50

One in crate.



ELECTRIC

Grey cast iron frame, bright aluminum finish; copper bearing charcoal tin receptacle, triple plated, blue enameled outside; white maple covers, natural finish; four blade turbine dasher, white maple; all receptacles have a specially designed sanitary faucet for drawing off the milk or washing water. High base permitting a pail being set under the faucet to, catch the milk or washing water; receptacle and dasher are easily and quickly detached from the churn frame for convenience in washing and sunning.

Complete with high grade guaranteed motor, clutch for starting and stopping churn. Belting and 10 feet cord with attachment plug.

When ordering electric churns, for alternating current, be sure and specify the voltage, cycles and phase; for direct current, specify voltage only.

Nos.	450M-110	650M-110	650M-32	1050M-110
Voltage	110 A. C.	110 A. C.	32 D. C.	110 A. C.
Gross cap, gals	4	6	6	10
Churning cap, gals	2	3	3	5
Motor, H. P.	⅛	⅙	⅙	¼
Height over all, ins	31	34	34	36
Wt each, lbs	70	80	80	100
Each	$90 00	105 00	105 00	114 00

One in crate.

DAZEY CHURNS

Heavy, clear glass jar, with smooth finished neck and sloping rounded upper corners; heavily plated screw cap top; hard, white maple dasher; cast frame and gears finished with double coat of aluminum bronze; perforated removable strainer in cap.

Nos.	D20	D40	D60	D80
Cap, qts	2	4	6	8
Churn cap, qts	1	2	3	4
Size jar, ins	4½x8	6x9	6½x10½	7½x7½
Height, ins	12	14	15	16
Wt doz, lbs	60	87	111	120
Per Doz	$42 00	69 00	78 75	92 84

One-third doz in carton.

REPAIR PARTS

EXTRA RECEPTACLES

For Dazey Churns.

Triple plated charcoal dairy plate, blue enameled outside; improved design round cornered, raised bottom.

Nos.	300C	400C	600C
For churn, No.	D300	D400	D600
Cap, gals	3	4	6
Churning cap, gals	1½	2	3
Wt each, lbs	6	7	8
Each	$4 20	4 80	6 30

One in carton.

EXTRA JARS

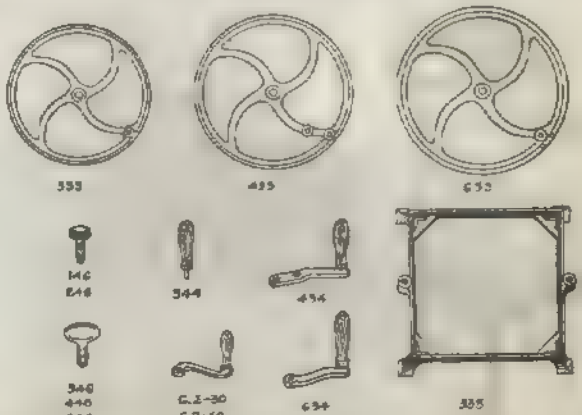
For Dazey Churns.

Nos.	20J	30J	40J
For churn, Nos.	D20	D30	D40
Wt per doz, lbs	50	65	80
Per Doz	$15 00	21 00	25 50

Nos.	60J	80J
For churn, Nos.	D60	D80
Wt per doz, lbs	85	90
Per Doz	$30 00	36 00

Packed loose.

For Dazey Churns.



No.	Handles, For	Each
G-2-30	D 80 churn	$0 75
G-2-40	D 40 churn	75
344	D 300 churn	66
434	D 400 churn	90
634	D 600 churn	90

Fly-wheels, For

333	D 300 churn	$1 95
433	D 400 churn	2 25
633	D 600 churn	2 55

No.	Bases, For	Each
335	D 300 churn	$2 25
435	D 400 churn	2 85

Thumb Screws, For

146	D 100 and 200 churn	$0 15
346	D 300 churn	15
448	D 400 churn	15
648	D 600 churn	15

CHURNS

TAYLOR'S

Spring steel stay and dasher rods. Smooth finish maple paddle. Operates a perpendicular stroke with no side motions. Stroke can be adjusted from 3 to 8 inches, crank from 7 to 10 inches. Permits the use of any jar from 3 to 5 gallon capacity.

Nos.	T3	T4	T5	T6
Capacity, gals	3	4	5	6
Churning capacity, gals	½ to 2	1 to 2½	1 to 3½	1 to 4½
Wt each, lbs	38	40	45	50
Each	+16 50	+17 70	+18 75	+19 95
List, Each	*$7 50*	*8 00*	*8 50*	*9 00*

(Sold in full crate lots only).

Two in crate.

TAYLOR'S RELIABLE

Spring steel stay and dasher rods. Smooth finish maple paddle. Smooth, white double glazed earthenware jar. Operates a perpendicular stroke with no side motions. Belt driven, no gears, silent and efficient in operation. Floor space required 14x19x33 inches.

1/10 H. P. Motor, 5 Gallon Capacity.

Nos.	HT5E-110-AC	HT5E-110-DC
Volts	110	110
Current	AC	DC
Less crates, Ea.	+84 00	+93 00
Full crates, Ea.	+78 75	+85 50
List, Each	*$35 00*	*38 00*

No.	HT5E-32-DC
Volts	32
Current	DC
Less than crates, Each	+84 00
Full crates, Each	+78 75
List, Each	*$35 00*

One in crate; wt each 70 lbs.

TAYLOR'S DANDY

Blue enameled XXX charcoal tin container mounted on tubular steel legs with ball bearing casters. 3-piece detachable maple dasher. Compression faucet in container for draining off butter milk. Single unit motor with self contained cut gears, operates rotary adjustable dasher.

⅙ H. P. Motor.

	6 Gal.	8 Gal.	10 Gal.
110 Volt, A. C. Nos.	HT6E110AC	HT8E110AC	HT10E110AC
Each	+$94 50	+106 50	+118 50
110 Volt, D. C. Nos.	HT6E110DC	HT8E110DC	HT10E110DC
Each	+94 50	+106 50	+118 50
32 Volt, D. C. Nos.	HT6E32DC	HT8E32DC	HT10E32DC
Each	+94 50	+106 50	+118 50

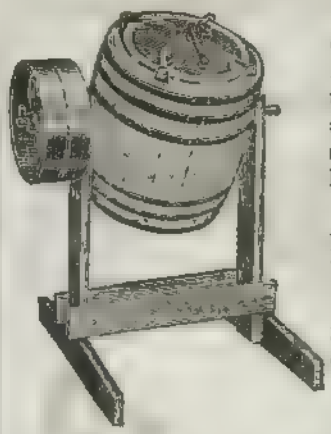
Crated; shipping wt each 55 lbs.

+F. O. B. Missouri Factory Only.

BARREL CHURNS

BELLE

Equipped For Power Operating.



Kiln dried, seasoned white oak barrel, varnished natural finish; white pine cover, exterior painted red; cork lining around edges; glass covered sight hole; 6 japanned steel hoops.

Galvanized cast iron rim in head makes it as strong as a barrel with two solid heads.

Price Does Not Include Frame, Pulley or Shaft. Churns only.

Nos.	6	7	8	9
Capacity, gals.	50	60	80	100
Churning cap, gals.	5 to 25	6 to 30	7 to 37	10 to 50
Height over all, ins	50	52	55	55
Floor space required, ins.	37x42	37x44	37x46	37x50
Wt each, lbs	80	100	110	125
Each	+$60 00	+68 25	+81 00	+97 50

Crated.

SINGLE PULLEYS EXTRA

Nos.	10S	12S	14S	18S
Diam, ins	10	12	14	18
Wt each, lbs	8	8½	14	22
Each	+$5 40	+5 70	+7 20	+9 00

DOUBLE PULLEYS EXTRA

Nos.	10D	12D	14D	18D
Diam, ins	10	12	14	18
Wt each, lbs	15	15½	30	44
Each	+$10 50	+10 80	+14 25	+17 25

Packed loose.

PULLEY SHAFTS EXTRA

1 inch cold rolled steel.

Nos.	10PS	12PS	14PS	18PS
Length, ins	8	7	10	10¾
Wt each, lbs	5	6	8	9
Each	+$2 70	+2 85	+3 75	+4 50

Packed loose.

FRAMES EXTRA

Solid oak, varnished natural finish.

Nos.	6F	7F	8F	9F
Used with churn No.	6	7	8	9
Wt each, lbs	30	34	40	46
Each		+$12 60		

Packed loose.

+F. O. B. Illinois Factory Only.

AIRPLANE MODEL LEAGUE OF AMERICA

Model Airplane Kits

GEO. D. WANNER & COMPANY
300 Davis Ave., Dayton, Ohio
Exclusive Manufacturers for Airplane Model League of America

1854 1930

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for greater strength and durability

THE RED BIRD GLIDER

The most outstanding development in model airplane construction. It is so simple to fly that even little fellows of four or five years of age quickly earn how. A popular seller at $1. Write for circular describing the 3 PLY construction of this beautiful model. Try a sample dozen at regular dealers discount.

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MARBLES--

the shortest path to profits

AS THE CROW FLIES

The Akro Agate [illegible] to you [illegible] and get [illegible] Look for the Crow [illegible] agate [illegible] as [illegible] the Akro Agate trade mark [illegible] Akro Agate

THE AKRO AGATE CO. - - CLARKSBURG, W.VA

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Sell throughout the year. Order these Fast Sellers from Your Jobber.

THE SEISS MFG. COMPANY
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Hardware Age says:

WILKINSON'S RUNNING PONY
Was the Sensation of the New York Toy Show

Galloping or cantering as the rider exerts a rocking motion and a pull on the rein guides it right or left as desired.

This walking horse is a physical and mental trainer and muscle builder for all ages who ride it in parks lawn summer or winter home.

Well made and decorated short or long ears horns, degree team specials. Covered with plush hair or paint. Sold direct. Order early for discounts and datings.

New with patents pending in many countries.

J. F. WILKINSON, S.D.A., INVENTOR
Gardner, Massachusetts

"A Very Profitable, Satisfactory Line of Clothes"

That is what buyers tell us about Kute Klothes. Anyone who sells dolls can cash in on this quick selling line. Carriage Cover and Pillow Sets, Blankets, Mattresses, Comforters, Sheets and Pillow Cases, Gift Boxes, Parasols, Dresses, Coat and Hat Sets, Raincoat Sets, Pajamas, etc.

Come in and see us during the June Toy Week in New York or write for more information and samples.

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Get Your
GABRIEL

PICTURE BOOKS
SOMETHING TO DO BOOKS
BLOCKS
CUT OUT SHEETS
PICTURE PUZZLES
SEW DRESS DOLLS
PAPER DOLLS
MOSAICS
PLASTICINE

"To Keep Busy the Little Hands and Little Heads"

SUMMER TOY WEEK
JUNE 9 TO JUNE 14

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74-76 Fifth Ave. (Bet 13th and 14th Sts.). New York
The New Gabriel Catalog Is Now Ready—Send for Your Copy Today

DESKS
ROLL TOP
Variety of Sizes

Cribs, Bassinettes, Play Yards, End Tables, Card Tables, Hall Trees.

All the popular finishes

Write for catalogue and prices

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Gun and Bag of Peas Mounted on Card

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ELECTRIC DECORATIONS
FOR ALL FESTIVE OCCASIONS

STRINGS OF COLOR-LIGHT
WITH MAZDA LAMPS

Electric CHRISTMAS NOVELTIES

NOMA ELECTRIC CORPORATION
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See the 5 NEW Selley Models, priced $1.00 to $2.50, at the June Toy Fair, Hotel McAlpin, Room 415
Selley
All-Balsa Flying Model Airplanes
In easy-to-build construction set. Three feather-weight contest kits to meet the demand for en-durance models . . . two scale models of man-carrying gliders, absolutely new. Illustrated, Selley 42" ADVANCED GLIDER, $1.50, and Selley 30" HERON, $2.00. Write for catalogue and terms.
SELLEY MFG. CO., Inc.
1377 GATES AVENUE
BROOKLYN, N. Y.

The Averill Co., Inc.

MADAME HENDREN DOLLS

ANNOUNCES

✧

MORE new features have been incorporated in the Madame Hendren line this year than have ever been attempted by any one line before. There are new ideas in babies, girl dolls and also exclusive novelties.

During the Toy Fair, the new line was very favorably commented on by all buyers.

A complete showing will be made in Room 329, Morrison Hotel, during the Chicago Toy Fair. Mr. Nathan Redlich, Jr., and Mr. Adam George will be there to welcome you.

Your inspection and opinion are invited.

✧

✧ ✧

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45 East 17th Street

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By Mr. H. V. Eckardt and Mr. Carl Metzler

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A Visit to Our Showroom Will Convince You How Well We Can Serve You

NEW YORK CITY

ECKARDT CO. INC.

An Interesting Showing of Popular Tenor Banjos and the Regular 5-String Banjos

Carefully made of selected materials, prepossessing in appearance, of snappy tone, and priced reasonably low in this important selling.

THE TENOR BANJO has four strings and is tuned A.D.G.C. reading downward. The standard scale of this instrument as adopted by most manufacturers is 23 inches. The music is written in the treble cleff, an octave above the real pitch

No. 7F1403 TENOR BANJO

An excellent model for the money. While low in price it is constructed with skilled hands and merit prevails throughout. 11-inch solid maple rim, veneered with three-ply maple. Solid maple neck with wonder finger board 19 fr. German silver frets and position dots. Headpiece and face of neck covered with walnut. Genuine calfskin head. Nickel-plated top hoop 3/8, 16 nickel-plated brackets. Patent pegs. Furnished in 4-String Tenor Banjo or 5-String Regular Banjo.

No. 7F1403 Tenor Banjo (4 Strings)
Each, ... $14.80
No. 7F1403 Regular Banjo (5 Strings)
Each 16.80

"REGAL" TENOR BANJO No. 7F100

Absolutely reliable and high grade in every respect. Offered in two qualities, as quoted.

Heavy 11-inch rim of 7-ply construction with 22 hooks and large flange type brackets. Resonator is the built-up amplifying type of 5-ply construction, bound on both edges with white celluloid. Center of back neatly inlaid with colored wood blocks. Finished in two tone shaded walnut and hand rubbed and polished. Three-piece hard wood neck and fine ebonized fingerboard with 23-inch scale. Covered calfskin. Good friction pegs. Fine plush lined strings.

No. 7F100 Regal Tenor Banjo (4 Strings)
Each, ... $60.80
No. 7F3100 Regal Regular Banjo (5 Strings)
Each 60.80

"REGAL" TENOR BANJO No. 7F120

Heavy 11-inch rim of fine figured Mahogany hand polished. Twenty-three nickel flange type brackets, nickel-plated and highly polished. Five-ply amplifying resonator with beautiful mahogany back inlaid with colored wood. Bottom edge inlaid with same inlay to match back and both edges are bound with white celluloid. Fifteen inch, French cut-to-a-feet neck, hand rubbed and polished. All leather covered rail is fine. Fine maple bridge with ebony saddle. Nickel plated arm rest. Good friction pegs. Genuine mahogany neck of three-piece construction. Ebonized hand grained finger board with pearl position figures. Very good grade calfskin head. Finest workmanship and finish.

No. 7F120 Regal Tenor Banjo, 4 Strings. Each $48.80
No. 7F3120 Regal Regular Banjo, 5 Strings
Each $48.80

"TONK" SPECIAL TENOR BANJO No. 7F1412 (4 Strings)

Of excellent workmanship, attractive appearance and very reliable throughout.

Bird's-eye maple, 11 inch diameter and of 7-ply laminated construction. Black and white line inlay on side. 20 professional brackets. "L" loop and good quality calfhead.

Neck of maple having an ebonized fingerboard accurately fretted and true in tone. Pearl dot and diamond position indicators. Good grade of Patent Non-Slip Pegs.

Resonator of 5-ply construction. Back and sides of bird's-eye maple. Resonator back has desoleomania design, nickel-plated engraved and perforated flange. Entire instrument is finished in a natural finish, hand polished and rubbed. Nickel-plated extension tailpiece.

No. 7F1412 "Tonk" Tenor Banjo, 4 Strings. Each $26.20
No. 7F3412 "Tonk" Regular Banjo, 5 Strings. Each 26.20

Cases for Tenor Banjos and Regular 5-String Banjos

"UTILITY" STYLE CASES FOR TENOR BANJO

Side open on back of covered, flannel lined, made of all fiber board by special process. Inside measurement 12¼x21 inches.

No. 7F512 Each $3.76

Same as No. 7F512, except extra deep to accommodate resonator. Inside measurement, 12x31½ inches.

No. 7F5203 Each $9.60

"UTILITY" STYLE CASE FOR REGULAR 5-STRING BANJO

Side opening. Lined throughout, flannel lined body made of stiff cloth board by special process.

No. 7F506 Each $9.10

STIFF CANVAS CASE FOR TENOR BANJO

Stiff canvas case, leather cloth bound, flannel lined. Inside measurements, 12x21 inches.

No. 7F508 Each $3.70

STIFF CANVAS CASE FOR REGULAR 5-STRING BANJO

Stiff canvas case, bound with leather cloth, flannel lined.

No. 7F3043 Each $4.10

Flower Banjos will fit Resonators do not fit Canvas Cases

"TONK" SPECIAL HIGHEST GRADE TENOR BANJO (4 Strings)

Those seeking a distinctive and very high grade quality instrument should consider this beautiful model portrayed above. Not only is it unique, but snappy in tone, expertly constructed and faultlessly finished, but it is priced very low

20 Tenor Banjo, (4 Strings) Each
00 Regular Banjo, (5 Strings) Each

TENOR BANJO
No. 7F1413 (4 Strings)

Entire instrument finished in a Shaded Antique effect and of rich appearing. Of excellent tone, expert workmanship and faultless finish.

Bird's-eye maple, 11-inch diameter and of 7-ply laminated construction. Black and white line inlay on side. 20 professional brackets. "L" loop and good quality calfhead

Neck of maple having an ebonized fingerboard, accurately fretted and true in tone. Pearl dot and diamond position indicators. Pearl ornament on head plate. Good grade of Patent Non-Slip Pegs.

Resonator of 5-ply construction. Back and sides of bird's-eye maple. Resonator back has a beautiful rose desoleomania design. Nickel-plated engraved and perforated flange. Hand polished and rubbed. Nickel-plated extension tailpiece.

No. 7F1413 Tenor Banjo, (4 Strings) Each. $30.80
No. 7F3413 Regular Banjo, (5 Strings). Each. 30.80

Specifications

11-inch rim Mahogany veneer hand rocked inlaid grooved hoop, 20 professional nickel plated brackets extension tailpiece arm rest, top overlapping Mahogany resonator, both edges bound with fortoise shell, celluloid equipped with heavy metal flange. Genuine 3-piece Mahogany neck, patent pegs, ebony finger board, richly ornamented with pearl. This instrument has the new 23-inch scale

No. 7F5403 . . . . . $48.80
No. 7F5403 . . . . . $48.80

Excellent Values in Flutes, Piccolos and Cases, Snare and Bass Drums

Merchandise of the "Better Grade." Expertly Constructed and Faultlessly Finished
Attractively Priced in this Selling
Ideal as Christmas, Birthday or Graduation Gifts

THE "BOSTON WONDER" BOEHM SYSTEM FLUTE
Moderate in Price—High in Quality

Beautiful tone, perfect intonation and ease of blowing are the all unusual features of this new "BOSTON WONDER" model flute. The proper tonal quality combined with the sufficient volume in this celebrated make of instrument, is valued highly by professional musicians who have tried this flute. And as there is no ever increasing demand for a Boehm flute, especially since the adoption of this instrument for use in schools, we highly recommend the "BOSTON WONDER" flute as the most satisfactory and serviceable on the market.

Cylinder bore, silver plated satin finish. Either closed or open "G" sharp key. (Specify which is wanted when ordering.) Furnished complete with cleaner in fine and sturdily constructed keratol covered case lined with velvet. Very desirable for Orchestra or Band work.

No. 7F1007 In "C" for Orchestra
Each $148.75

No. 7F1008 In "Db" for Band
Each 148.75

Illustrating Orchestra Flute No. 7F1279
Genuine "Kohlert & Sons" (Meyer System)
Cannot be compared with the Common Market Flutes

No. 7F1279	8 keys, Grenadilla wood, superior quality, German silver keys, cork joints, G. S. Caps. Each	$21.90
No. 7F1279G	8 keys, Grenadilla wood, superior quality, German silver keys, Gallalith ivory head. Each	33.90
No. 7F1283	11 keys, Grenadilla wood, superior quality, German silver keys, cork joints, G. S. Caps. Each	32.55
No. 7F1283G	11 keys, same with Gallalith ivory head. Each	44.55
No. 7F1285	13 keys, Grenadilla wood, superior quality German silver keys, cork joints, G. S. Caps. Each	43.20
No. 7F1285G	13 keys, same with Gallalith ivory head. Each	55.20

FLUTE CASES

Black seal grain Keratol covered wood body, velvet lined; lock and key; round shaped edges.
No. 7F1668 For C flute with 8 keys. Each. $6.75
No. 7F1669 For C flute with 10 or 11 keys. Each 6.75
No. 7F1670 For C flute with 13 keys. Each. 6.75

"Boston Wonder" Piccolo

Beautiful tone, perfect intonation and ease of blowing are the features of the new "Boston Wonder" piccolo. The proper tonal quality combined with sufficient volume in these instruments are valued highly by professional musicians who have tried these instruments.

Silver Plated Satin Finish

Boehm System, closed or open G# key. Velvet Lined keratol covered case, with shoulder strap.

No. 7F2007 In C for orchestra. Each $96.55
No. 7F2008 In Db for band. Each 96.55

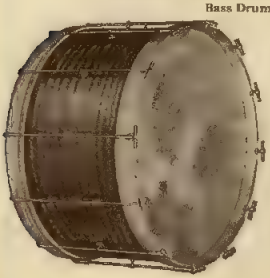
GENUINE "V. KOHLERT & SONS" PICCOLOS
(Meyer System)

Cannot be compared with piccolos on the market. Made of genuine Grenadilla.
No. 7F2614 Db, with slide, cork joints, German silver caps on ends. **For band use.** 6 keys. Each $11.88
No. 7F2615 C, with slide, cork joints, German silver caps on ends. **For orchestra use.** 6 keys. Each 11.88
No. 7F2620 Db, with slide, **ivory head,** cork joints, German silver caps on ends. **For band use.** 6 keys. Each 18.55
No. 7F2621 C, with slide, **ivory head,** cork joints, German silver caps on ends. **For orchestra work.** 6 keys. Each $18.55

PICCOLO CASE

Keratol covered wood body; velvet lined. Substantially constructed. Excellently finished throughout. Neat in appearance. Very Serviceable. Priced low.
No. 7F2639 Each $4.20

Standard Center Support Model
Bass Drums



This is the most popular model for general professional work. No other drum is so adaptable for general conditions and it has come to be regarded by drummers as the standard type. The center support with tympani handles is a practical improvement that combines easy tensioning with a square cut tools to fine up rods and lower head flesh, also and rods. Mahogany shell.

Solid tympani handles permit easy tensioning. This drum is beautifully hand-rubbed finished and equipped with finest calf heads. A general favorite with the professional drummer. For 14x28 inch size is extra hard to get at times.

Single Center Support

No. 7F199	12x 8 inches	$51.20
No. 7F200	14x26 inches	52.80
No. 7F202	12x28 inches	56.00
No. 7F203	14x28 inches	57.60
No. 7F206	14x30 inches	62.40
No. 7F207	16x30 inches	64.00
No. 7F209	14x32 inches	68.80
No. 7F210	16x32 inches	70.40
No. 7F213	16x34 inches	76.80

Universal Model Snare Drum

A new popular-priced model, that we have named "Universal" to distinguish it from the regular Ludwig "Professional."

The shell is made of finest grade brass, spun being carefully braced by the spun turnover at each head in the center. Flesh are regular separate rigid counter hoops. The heads are first quality with a patented throw-off snare strainer and snares. Nickel plated finish only.

Sizes and Numbers

No. 7F11	4x14 inches
No. 7F12	6x14 inches
No. 7F14	4x15 inches
No. 7F15	8x15 inches

Four New and Original Numbers in Juvenile Vehicles

At the Chicago Toy Fair Room 661 Palmer House

Black Beauty

At the Chicago Toy Fair Room 661 Palmer House

Playmates for the kiddies— Profit Makers for you!

This cut shows Black Beauty in motion—a life-like galloping movement with the least amount of energy necessary to create that action

The Red Hawk provides a most realistic action body of plane moves gently upward and downward when driven forward. Speedy, but low and safe.

This new Corcoran line created a sensation at the 1930 New York Toy Fair. It is unparalleled—nothing comes near approaching these wonderful juvenile vehicles that provide joy and exercise to the little rider. The unique mechanical action affords a new thrill that will appeal to every boy or girl. Here is an all around profit making line ready to bring increased business to you. The exceptional business opportunities made possible by handling the Corcoran Green Arrow Line are revealed in the first catalog edition—write for your copy today—Dept. P-4.

Juvenile Vehicle Division

THE CORCORAN MFG. CO.

Cincinnati, Ohio

The Red Bird for the younger girl or boy—safe and gentle planing action develops when in motion. Low to the ground.

The Red Eagle is for the "real" boy. Contains "joy stick" that throws plane into climbing position—after limit has been reached, plane hits "air pocket" and drops back to neutral.

Red Hawk

Red Bird

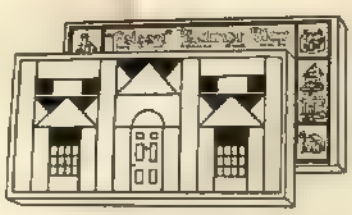
Red Eagle

Start your letter right: "I saw your ad in PLAYTHINGS."

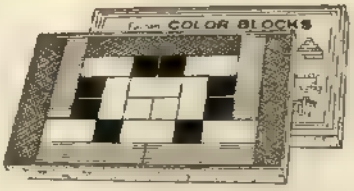
falcon
toys that last

OUR NEW TOY CATALOG IS READY —

Here are a few of the 58 items

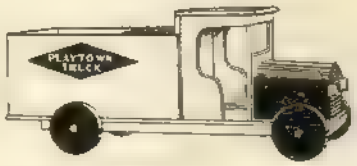


BUILDING BLOCKS
COLOR BLOCKS
BAGS OF BLOCKS



The Most Complete Line of Blocks in America

BLOCKS IN CUPBOARDS
BLOCKS IN TRAYS
TRAINS OF BLOCKS



GIANT PLAY TOYS OF PLAY VALUE FOR THE SMALL CHILD. BRIGHT COLORS, CLEVER DECORATION. FILLED WITH BLOCKS, ALSO EMPTY.

TOOL KITS
TOOL CHESTS
WORK BENCHES

VILLAGE AND
PLAYTOWN SETS

BABY GRAND PIANOS
UPRIGHT PIANOS
COLORED BLACKBOARDS
ROCKING HORSES

EDUCATIONAL PLAY TOYS
MANY NEW NUMBERS

AMERICAN MANUFACTURING CONCERN
FALCONER, N. Y.

PERMANENT NEW YORK OFFICE
200 FIFTH AVENUE
ROOM 404

PATSYKINS

Joins

PATSY ANN

THE EFFANBEE FAMILY

PATSYKINS—the 1930 EFFANBEE Doll—is a wonderful new playmate for PATSY ANN and LOVUMS. She is gay and wistful, sturdy and appealing—a doll that will bring happiness to thousands of children, and enhanced profits to dealers. PATSYKINS may be seen during the Chicago Toy Fair at

THE MORRISON HOTEL
PARLOR C (on the A Floor)

LOVUMS
The doll with that yielding Kapok-stuffed body.

FLEISCHAKER & BAUM

45 EAST 17th STREET, NEW YORK, N. Y.

EFFANBEE prices are based on the best quality materials and the most expert workmanship available.

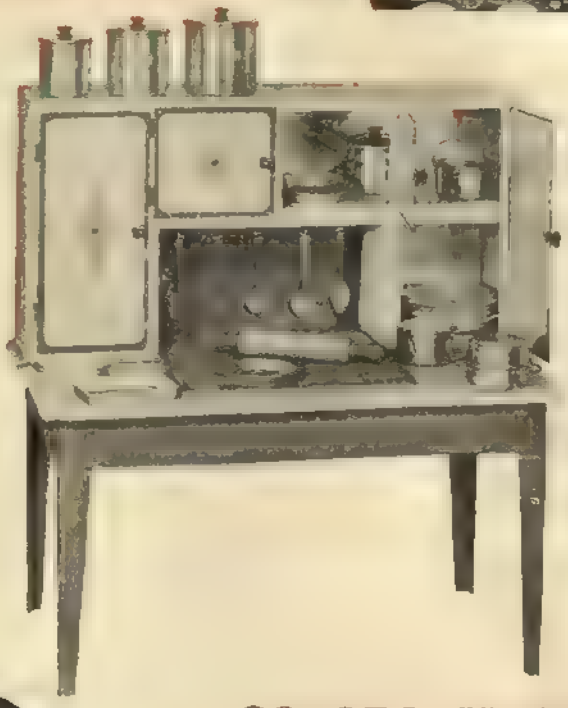
"Like-Mother's"

(Trade-Mark Registered)

ALUMINUM TOY SETS

"Like-Mother's" No. 1176 Percolator Set

TOYS



"Like-Mother's" No. 8210 Kitchen Cabinet

- PERCOLATOR SETS
- TEA SETS
- COOKING SETS
- PASTRY SETS
- WATER SETS
- STOVES
- TABLES
- KITCHEN CABINETS

"Like-Mother's" No. 8126 Pastry Set

The GEO. H. BOWMAN CO.

Every year there's something new in "Like-Mother's" Aluminum Toy Sets. And every year they're more popular with leading stores. Every piece is accurately proportioned . . finely finished . . . rust-proof aluminum. Every set packed in a gift box. "Like-Mother's" Toy Sets and Kitchen Cabinets are large-size items, substantially made . . . to retail at comparatively low prices.

SEE THESE TOYS AT THE CHICAGO TOY FAIR, PALMER HOUSE, ROOMS 743 AND 744

The GEO. H. BOWMAN CO.
Manufacturers
Cleveland, Ohio

Start your letter right: "I saw your ad in PLAYTHINGS."

The Foley Automatic Saw Filer

Model F-5 "3-Way"

One Machine Files Band, Circular and All Hand Saws

This machine, with the various attachments described below, files all kinds of hand saws, band saws ⅛" to 4½" wide and cross-cut circular saws 3" to 16" in diameter. Files every tooth exactly the same height, size and spacing, so that every tooth cuts. Band saws can be filed with the desired hook and cross-cut saws with any bevel. Uses standard 3-cornered taper files. Files saws with teeth from 3 to 16 points per inch.

Files all cross-cut and rip circular saw teeth that can be filed with a 3-cornered file. Keeps saws perfectly round. Puts any bevel on cross-cut saws with an accuracy and speed that cannot be duplicated.

Foley-filed saws cut better, faster, cleaner, truer and stay sharp longer. They are far superior to the most expert hand filed saws.

Model "F" on Pedestal

Filing a Band Saw

With band saw attachment furnished with machine, saw is fed through the filer at exact slant needed to give the desired hook to teeth. Band saw wheels can be dismounted when not in use.

Price, $280.00

Model "F-5"

Filing a Circular Saw

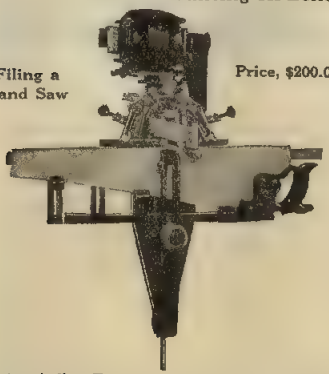
Furnished with one hand saw carrier for straight edge saws, all hand saw attachments, meat saw attachment (for use where blades are removed from frames) band saw attachment, cone arbor for circular saws up to 16" dia. and special rocker arms for band and circular saws. ¼ H.P., G.E., A.C., 110 volt, 60 cycle motor, equipped with switch and 10 foot cord and plug.

Price	$200.00
Pedestal	40.00

Model "F-5" For Mounting on Bench

Filing a Hand Saw

Price, $200.00



Jounts as it files. Every tooth is made exactly uniform at the same time it files. Easily adjusted for all size teeth.

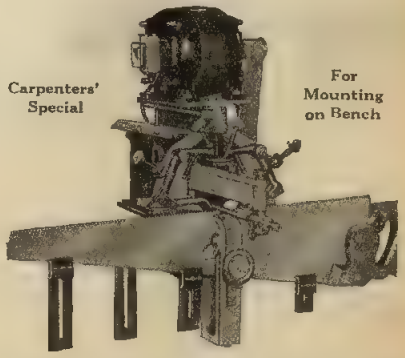
A saw carrier is used in filing and retoothing hand saws, which is easily adjustable to any size cross-cut, rip, back or mitre box saw. Carriers for crown saws can also be furnished.

Motor for direct current or special voltage, extra charge.

Model "F-4"

Carpenters' Special

For Mounting on Bench



For Hand Saws Only. This model files exactly the same as model F-5, except that it sharpens hand saws only. Can be furnished with pedestal, or for mounting on bench. Comes equipped with hand saw carrier for straight edge saws, and all attachments for hand, back and mitre-box saws.

Price $160.00

Imported Popular "Racer" Stop Watches

Ideal For All Kinds of Sports

There are ever so many events wherein you wish to time the participant,—track, football baseball, horseracing etc. It gives an "added kick" to your pleasure

Illustrations Actual Size

GIFTS THAT LAST

THE "RACER" TIMER
1/5th Second

Nickel Case, 6 Jewel lever non-magnetic movement, 30 minute register, records 1/5th second Start Stop and Fly back from the stem

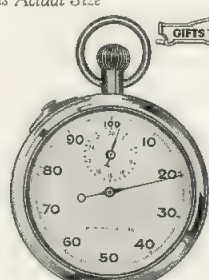
No. 4475 Each.....$17 25

GIFTS THAT LAST

THE "RACER" TIMER
Decimal Dial

Nickel Case 6 Jewel lever, non-magnetic movement, Decimal Dial, divided into tenths and hundredths, 30 minute register, Start, Stop and Fly back from the stem

No. 4476 Each.....$18.00



THE "RACER" FOOTBALL TIMER
Decimal Dial

Featured with the Decimal Dial Nickel Case, eight pointed, 6 jewel lever movement, 30-minute register, Start, Stop or Fly back at will from the stem Priced very low.

No. 4477. Each.....$19.50

THE "RACER" FOOTBALL TIMER
1/5th Second

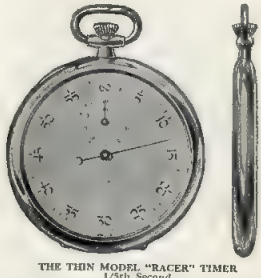
Nickel Case, 6 Jewel lever, non-magnetic movement, 30 minute register, records 1/5th second Start, Stop and Starts without flying back or will fly back when desired

No. 4478 Each.....$18.75

THE "RACER" FOOTBALL TIMER
1/10th Second

Nickel Case, 6 Jewel lever non-magnetic movement, 15 minute register, records 1/10th second Starts, Stops and Starts without flying back or will fly back when desired

No. 4479 Each.....$20.25



THE THIN MODEL "RACER" TIMER
1/5th Second

Our first offering in the new THIN MODEL Stop Watch Very reliable, excellently constructed and finished Nickel Cases, 7 jewel lever non-magnetic movement 30 minute register, records 1/5th second Start Stop and Fly back from the stem. Very compact and serviceable

No. 4480 Each.....$24.00

THE "RACER" SPLIT TIMER
A very high grade dependable model
1/5th Second

Nickel case, 7 jewel lever non-magnetic movement, 30-minute register, records 1/5th second Split second hands Start, Stop or Fly back at will from the stem, or side push button. It is of very high grade manufacture, excellent finish and priced very low

No 4481 Each.....$52 50

Physicians' and Nurses' Ribbon and Strap Watches

Put up in Fancy Lined Presentation Boxes. The Physicians' watches are fitted with a fine quality leather detachable strap, while in the 'Nurses' watch there is a choice of leather or Black Silk Ribbon with Clasp. Guaranteed Accurate Timekeepers. Well made and Finished. Excellent Values.

PHYSICIANS' OR NURSES' WATCH
10½ Ligne. Illustration ⅞ Size Cushion Shape. Engraved Bezel. Locust Movement White Rolled Plate Case.

Watch as shown will up to an ideal and also an attractive, sealed case quality watch for the Physician or Nurse. 10½ Ligne size movement, in a pleasing Cushion shape **WHITE** Rolled Plate Case, with artistically engraved bezel. Fitted with the celebrated **"LOCUST" 15-Jewel lever movement, radium numerals and hands,** with center second hand. Fine quality leather detachable strap and buckle Put up in an attractive display box for presentation purposes.

No. 4482 Complete Watch Each.....$34.50

SAME AS ABOVE IN A STRICTLY NURSES' WATCH

Watch as described above except as it fitted with Black Silk Ribbon and Clasp

No 4483 Nurses Watch Each.....$33 50

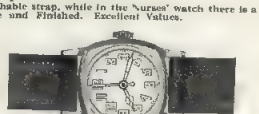
PHYSICIANS OR NURSES WATCH
10½ Ligne. Illustration Actual Size Cushion Shape. Engraved Bezel Locust Movement White Rolled Plate Case White Woven Wire Mesh Bracelet Adjustable to Size

This watch is so designed that it is strictly an accurate Nurses watch It possesses the style and class that accurately describes meeting the demand which has come to and during the past year The watch has been designed and made to our individual specifications and while it is of high grade construction at a comparatively low price it could not be produced reasonably low in this important selling

This watch is fitted with the popular "LOCUST" 15-Jewel lever movement, with cut compensating balance and has Radium numerals and hands, also center second hand White Rolled Plate case enriched with an artistic call, engraved bezel. Fitted with white woven wire mesh bracelet of an excellent quality, and as shown

Guaranteed an accurate and dependable timekeeper In display box for presentation purposes

No 4484 Complete Watch Each.....$36 00



PHYSICIANS OR NURSES WATCH
10½ Ligne Cut ⅞ Size Cushion Shape Plain Design Locust Movement White Rolled Plate Case

Another pleasing and appropriate style watch for the Physician or Nurse It is very neat and well proportioned throughout 10½ ligne size, 15 jewel plain Cushion style Case White Rolled Plate Case fitted with the celebrated **Locust 15-Jewel lever movement, radium numerals and hands,** with center second hand The easier detachable strap and buckle Put up in an attractive display box for presentation purposes An accurate and dependable timekeeper Priced very low

No 4485 Complete Watch Each.....$33.00

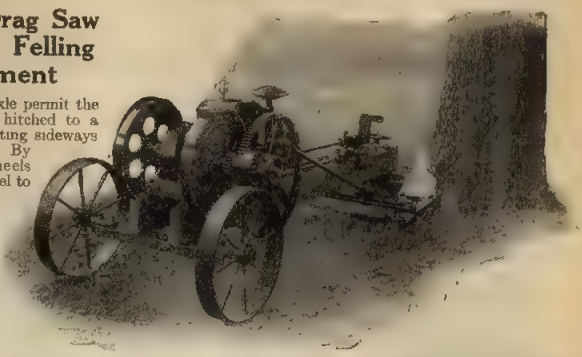
SAME AS ABOVE IN A STRICTLY NURSES' WATCH

Watch as described above except as it fitted with Black Silk Ribbon and Clasp

No. 4486 Nurses Watch Each.....$32.00

NOTE. Because of Impending Tariff Changes These Prices Are Subject to Change Without Notice.

Log and Drag Saw With Tree Felling Attachment



Reversible spindles on the axle permit the rig to be pushed forward or hitched to a wagon for transporting or shifting sideways from cut to cut when sawing. By simply removing one bolt the wheels can be reversed from road travel to log travel or vice versa. It is unnecessary to carry the logs to the saw. Move the rig to the logs, start the engine, and rest while the saw does the job. With the reversible spindle feature the wheels can be placed in a parallel position so that after the cut is finished the rig can be moved the desired distance to the next cut. With the wheels in this position it also helps materially to steady the rig and hold it in position. After the log is finished the wheels can be reversed if desired and the rig carted to the next log, when cut after cut can be made as before described.

The Tree Felling Attachment cuts the tree off close to the ground in any position or location, and cuts the trunk into the desired length without the necessity of moving the log, and can be easily converted from a tree felling unit into a log saw.

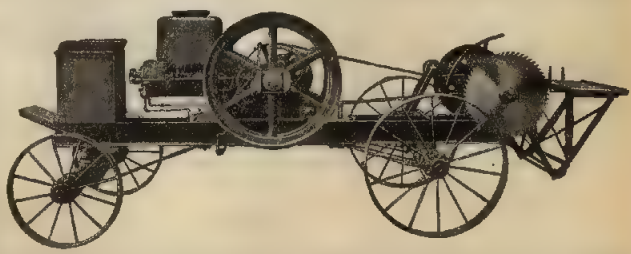
Specifications

Engine—2 H. P. with Magneto ignition.
Speed of Engine 575 R.P.M.
Stroke of Saw 20 inches
Stroke of Saw per minute
150—80 each direction
Speed of Saw 266 ft. per minute.
Length of regular Saw 60 inches.
Width of Saw 8 inches.
Capacity—Logs up to 38 inches in diameter with 60 inch Saw
Approximate Shipping Weight 645 lbs.

Price..... $230.00

Channon Portable Wood Sawing Outfit

Horizontal Hopper Cooled Engine, Hit and Miss Type for Gasoline or Throttling Governor for Kerosene



The truck is of steel construction throughout and equipped with a substantially constructed steel tilting saw table. This rig has an additional I-beam extending from the center of the truck to the rear end, thus giving the sawing table a three-point bearing, making a very rigid support. This is an exclusive feature of these outfits and one to be carefully considered by the purchaser. This outfit is shipped completely assembled as illustrated above, including saw, belt, belt tightener, pole, neckyoke and doubletrees. The above illustration shows the hit and miss gasoline type of engine. The throttling governor type is identical with the exception of the engine proper. When ordering, use style numbers given in tables.

Hit and Miss Gasoline Engines

Style No. Hit & Miss Eng.	Horse Power	Eng. Speed Rev. per Min.	Saw Speed Rev. per Min.	Engine Flywheel Diam. and Face Inches	Std. plain Eng. Pulley Dia., Face In.	Saw Pulley Dia. & Face In.	Dia. of Saw In.	Truck Wheels Inches	Tread in In.	Tires in In.	Fuel Tank Cap. Gal.	Hop. Tank Cap. Gal.	Approx. Domestic Ship. Weight complete	Approx. Export Ship. Weight complete	Aprx. Cubic Feet for Export	Price
817	6	450	1450	30x2½	16x6	5x6	26	48x26	56	4	7	10½	1650	2300	258	$350.00
837	8	425	1360	34x2½	16x6	5x6	28	36x26	56	4	7	11	2050	2700	278	415.00

TINKER TOYS G

BILL GOAT TINKER

Enameled wood, rust proof metal and hard fibre.

NO	Size In.	Wt. lb Doz.	EACH
16	10	11	$1.00

Boxed singly, one dozen in a case

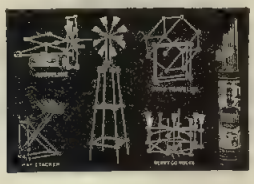
DRAG ON TINKER

The movements of a crawling animal are reproduced by use of a rubber backbone. Enameled in prime color.

NO.	Size In.	Wt. lb Doz.	EACH
17	12	7	$0.85

Boxed singly, 1 dozen in a case.

TINKER TOY



Made of choicest new england white birch. 73 wood parts. Cardboard wind blades, direction book, etc., are also contained in the lamenated mailing can.

NO.	Size Can	Wt. lb Doz	EACH
18	12x3	14¾	$0.75

One dozen in a case.

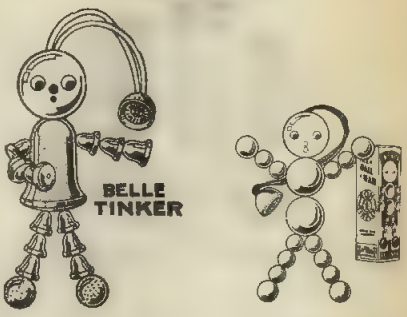
FOLLO-ME-TINKER

Non capsizable pull toy all wood, enameled colors.

NO.	Lgth. In.	Wheels In.	Wt. lb Doz.	EACH
19	10½	2½	8	$0.60

Boxed singly.

BELLE TINKER



NO	Size In.	Lbs Doz	EACH
20	7	4¾	$0.50

Boxed singly, 1 dozen in a case.

TOM TINKER

The most successful wooden dolls ever created.

NO.	Size In.	Wt. lb Doz.	EACH
21	8	4¾	$0.50

One dozen in a case.

GYM TINKER

Made from smooth white birch.

NO.	Height In.	Lbs. Doz	EACH
30	8½	4½	$1.00

ABACUS TINKER

165 beads, enameled in prime colors. Removable metal rods allow interchange of beads to form infinite designs.

NO.	Size of Beads In.	Size of Box In.	Lbs. Doz.	EACH
29	⅝	18x9x1	25½	$2.00

TINKER TOYS

TINKER BEADS

Enameled in pastel shades, two shapes and seven colors. Packed in two sizes.

NO	Contents Beads	Wt. lb Doz	EACH
1	28	7½	$0.25
2	63	11¼	50

Boxed singly, 1 doz., in a case.

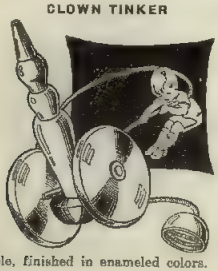
JUMP ROPE TINKER

Consists of a full length braided cord on which are strung twenty oval beads, enameled in ten colors.

NO	Wt lb Doz	EACH
23	4½	$0.50

Boxed singly, 1 doz., in a case.

CLOWN TINKER



Unbreakable, finished in enameled colors.

NO	Wt lb Doz.	EACH
24	7	$0.50

Boxed singly, 1 doz., in a case.

BUNNY TINKER

Head and wheels are wood enameled, in baby colors. Body frame is of rust proof metal.

NO.	Lgth. In.	Wt. lb Doz.	EACH
25	9	6¾	$0.50

Boxed singly, 1 doz., in a case.

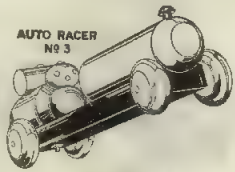
PUPPY TINKER

Smooth, round, brilliantly enameled wood parts, bound together with a strong, pure rubber backbone which allows no twisting to various positions.

NO.	Size In.	Wt. lb Doz	EACH
26	6	4½	$0.50

Boxed singly, 1 doz., in a case

AUTO RACER



Constructed of wood, in highly attractive enameled colors.

NO.	Lgth In.	Wt lb Doz	EACH
27	8¾	6	$0.35

Boxed singly, 1 doz., in a case.

TINKER TOYS

SIREN TINKER

Consists of hardwood balls enameled in bright attractive colors, loosely strung on cord enabling them to slide from end to end.

Per Doz

No. 160—Length 8¼ ins.....12 75

One in cardboard box; $6 00 wt per doz 3 lbs.

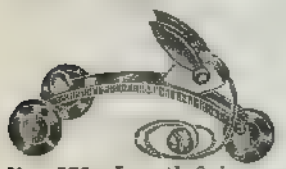
TINKER FISH

Consists of six hardwood fish enameled in six different colors, with rod, reel, hook and line.

Per Doz

No. 280—Length rod 10 ins; length fish 2¼ ins.... 12 75

One set in cardboard box; wt per doz sets 4½ lbs. $6 00



BUNNY TINKER

Hardwood and metal, enameled and rust proofed. Imitates the motions of a leaping rabbit perfectly.

Per Doz

No. 270—Length 9 ins.....12 75

One in cardboard box; wt per doz 7¼ lbs. $6 00

STEAM ROLLER TINKER

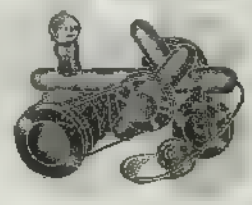
Hardwood, enameled in many colors. Fly wheels revolve in opposite directions when toy is drawn across the floor.

Per Doz

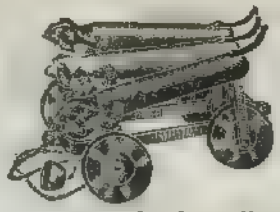
No. 290—Length 7 ins; width 5 ins..... 25 50

$12 00

One in cardboard box; wt per doz 13 lbs.



TINKER TOYS



TINKER DOGS

Hardwood and metal, enameled in attractive colors, metal parts rust proofed. An unusual toy built to stand abuse.

Per Doz

No. 295—Length 7½ ins; width 5½ ins..... 33 00

$15 00

One in cardboard box; wt per doz 14 lbs.

PERFORMING TOYS

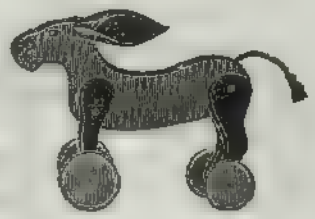
KICKING DONKEY

Hardwood, attractively enameled in black, orange and red. The kicking donkey moves in perfect action when pulled by string.

Per Doz

No. 201—Height 6 ins; length 9 ins.....$25 50

One in cardboard box; wt per doz 18 lbs.



WOOD PULL TOYS

DOLLY DUCK

Hardwood, enameled in four bright attractive colors.

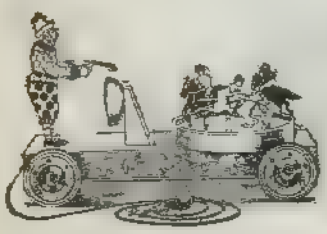
Squawk, squawk says Dolly Duck as she waddles along, her bill opening and closing like mad. Her neck stretches backward and forward in real duck fashion. Equipped with concealed squawker, cord and hand ball for drawing.

Per Doz

No. 227—Length 8 ins; height over all 10 ins $39 00

One in cardboard box; one doz in carton; wt per doz 15 lbs.

PULL TOYS



MERRY-GO ROUND

Sheet steel, enameled in attractive bright color combinations. Turns rapidly with circular action while the clown rings bell as toy is pulled along.

Per Doz

No. 108—Length over all 10 ins; width 3 ins; height 4 ins....$18 00

One in cardboard box; one doz in carton; wt per doz 17 lbs.

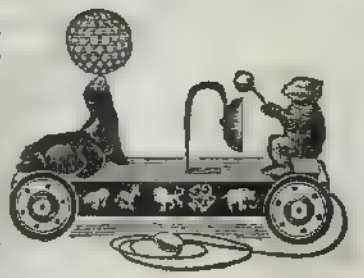
TRICK ANIMALS

Sheet steel enameled in attractive bright color combinations. Polar bear rings bell by hitting it with hammer, while the colored ball bounces up and down rapidly on nose of seal as toy is pulled along.

Per Doz

No. 109—Length over all 10 ins; width 3 ins; height 7¼ ins..$18 00

One in cardboard box; one doz in carton; wt per doz 17 lbs.



MAC CHOO CHOO TRAIN

Constructed of sheet steel and wood beautifully enameled in red, black and green. Locomotive has steel ratchet operating on axle, giving sound similar to locomotive exhaust. Complete with cord and hand ball for drawing. Length over all 24½ inches; height 3½ inches; width 3¾ inches.

Per Doz

No. 56—Consists of locomotive, tender and flat car loaded with lumber..... $24 00

Packed in two piece lithographed cardboard box; wt per doz 25 lbs.

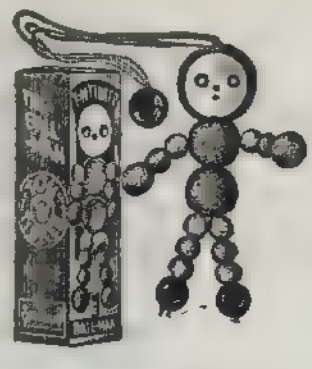
TINKER TOYS

BELLE TINKER

Bell shaped hardwood, brightly colored with harmless dyes and then water-proofed so that the colors will not wear off; strung with stout cord.

	Per Doz
No. 215—Height 7¼ ins	13 20
	$6 00

One in cardboard box; wt per doz 4½ lbs.



TOM TINKER

Hardwood balls. Brightly colored with harmless dyes and then water-proofed so that the colors cannot come off; strung with stout cord.

	Per Doz
No. 50—Height 7¼ ins	12 75
	$6 00

One in cardboard box; wt per doz 4½ lbs.

CLOWN TINKER

Hardwood, attractively colored red, blue, green, yellow and black. So constructed that it rights itself at the slightest pull of the cord.

	Per Doz
No. 240—Height 5½ ins	12 75
	$6 00

One in cardboard box; wt per doz 6 lbs.

FOLLO-ME—TINKER

Hardwood and steel, attractively colored red, blue and yellow. So constructed that it will always be upright making a perfect pull toy.

	Per Doz
No. 220—Length 12 ins	15 75
	$7 20

One in cardboard box; wt per doz 14½ lbs.

DRAG-ON TINKER

Hardwood balls, enameled in prime colors of beautiful and durable finish. So designed that the axles pivot on center and may be thrown around in the roughest manner and will invariably right itself. The movements of a crawling animal are reproduced by the use of a rubber backbone and can be easily replaced at any time. Complete with cord and hand ball for drawing.

	Per Doz
No. 210—Length 12 ins	22 50
	$10 20

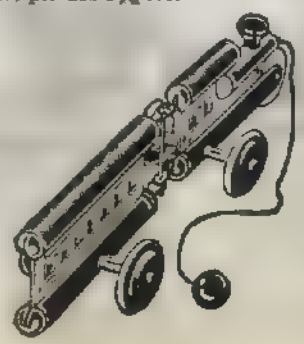
One in cardboard box; wt per doz 6¾ lbs.

CHOO-CHOO TINKER

Hardwood and steel attractively colored black, yellow and red. Engine and coach so constructed as to take abrupt turns at high speed and still remain upright.

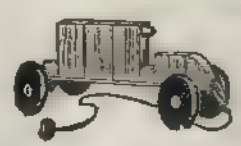
	Per Doz
No. 225—Length 14 ins	27 00
	$12 00

One in cardboard box; wt per doz 14½ lbs.



TINKER TOYS

7 In 1 TINKER



Hardwood and steel, bright red wheels, natural finished blocks. Designed to make seven different model toys by interchanging the wood blocks on a metal chassis, locking permanently together by one snap hook.

	Per Doz
No. 250—Length 10 ins	27 00 *$12 00*

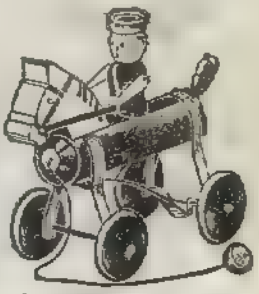
One in cardboard box; wt per doz 19½ lbs.

PONY TINKER

Hardwood and steel, attractively colored red, blue, yellow and black. Designed so that rider posts up and down when horse is pulled along by halter.

	Per Doz
No. 230—Length 8 ins; height 6½ ins; width 3½ ins	27 00
	$12 00

One in cardboard box; wt per doz 11¼ lbs.



WHIRLY TINKER

Steel and hardwood without mechanism of any kind to get out of order. By pulling the toy by its string sets the two little men spinning and dancing like whirling dervishes.

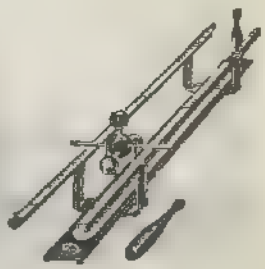
	Per Doz
No. 125—Height 7½ ins; width 5½ ins	27 00
	$12 00

One in cardboard box; wt per doz 15 lbs.

TINKER PINS

Metal frame, lithographed in red, green and yellow colors, hardwood governor balls and pins, brightly colored.

Outfit consists of a double track, two pins and a gyroscopic spinner that comes to a quick stop at the desired point when properly manipulated. Scoring counted similar to bowling. Directions printed on box.



	Per Doz
No. 260—Length 24 ins	27 00 *$12 00*

One in cardboard box; wt per doz 13¼ lbs.

GYM TINKER

Smooth turned hardwood balls, beautifully enameled in many colors. Internal coiled springs unite the parts insuring long life and dependability.

This acrobatic clown assumes and maintains many unusual postures.

	Per Doz
No. 300—Height 8½ ins	27 00
	$12 00

One in bright colored cardboard box; wt per doz 4¾ lbs.

Name Burning Brands

For branding Boxes, Kegs, Cars, implements and wooden articles of all kinds.

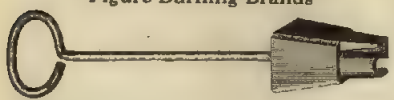
Made of cast iron with extra long and substantial handles that will keep cool. Gothic style of lettering gives best legibility.

Lettering may be arranged in several lines. When ordering print with a pencil just what you want and show arrangement of lines or characters

Size		Price	Each addl Character
⅜″	5 Characters or less	$3.40	$0.30
½″	5 Characters or less.	3.80	.40
¾″	4 Characters or less	4.20	.50
1″	3 Characters or less...	4.60	.60
1½″	3 Characters or less	5.70	1.00
2″	2 Characters or less	7.20	1.20

Reproductions and special designs, prices on application

Figure Burning Brands



The characters are sharply cut gothic style, each figure on a separate handle. There are 9 pieces to the set, the 6 being reversed to make the 9. Made of cast iron. Individual figure or letter brands supplied if wanted.

Price Per Se

½″	¾″	1″	1¼″	1½″	2″	2½″	3″
$8.00	$9.00	$10.00	$12.00	$13.00	$15.00	$18.00	$24.00

Reese Adjustable Stencils

Made with a beaded lock on the edge so that they can be joined together to form any combination of letters, and after use can be taken apart and formed together for another name or address.

Are made in the following sizes:

Roman Style—½ in., ¾ in., 1 in., 1¼in., 1½ in., 1¾ in., 2 in. and 2½ in.

Gothic Style—3 in., 4 in., 5 in. and 6 in.

The 5 and 6 in. sizes made with Flat style lock.

Letters Only—Single Sets

Ink and Brush not included.

ABCDEFGHIJKLMNOPQRSTUVWXYZ&c

1 Beginner, 1 Letter Ender, 1 Space, 1 Period, 1 Column, 1 Apostrophe.

Size		Size		Size	
½ inch	$0.85	1½ inch	$1.30	3 inch	$6.50
⅝ inch	.90	1¾ inch	1.55	4 inch	9.00
1 inch	1.05	2 inch	1.80	5 inch	12.00
1¼ inch	1.15	2½ inch	2.60	6 inch	15.00

Figures Only—Single Sets

Ink and Brush not included.

1 2 3 4 5 6 7 8 9 0 0 $ c ¢ Beginner, 1 Figure Ender, 1 Period

½ inch	$0.35	1½ inch	$0.80	3 inch	$2.50
¾ inch	.40	1¾ inch	.70	*4 inch	3.50
1 inch	.45	2 inch	.85	*5 inch	4.80
1¼ inch	.50	2½ inch	1.25	*6 inch	5.60

*One Cipher Only. * (5) (c) Not Included.

Stencils

Cut out of sheet brass in any size, shape or design desired.

Prices Quoted

Upon Application.

Key Checks

Exact Size

No. A-40

No. A-50

Cuts show exact sizes of most commonly used style and are carried in stock. Any lettering desired stamped and enameled black. **No. A-40** also furnished 1-inch in diameter. Link for attaching key furnished with each check.

Quantity of	12	25	50	100
Price	$2.50	$3.50	$5.00	$7.50
Blank	400C	400C	400C	400C

Tool Checks

Made of Brass or Aluminum

¾ Actual Size

No. A-85

No. A-87

No. A-88

Cuts show most commonly used shapes of tool checks. **No. A-87** also made in octagon shape. Any lettering desired will be stamped and enameled black. No reduction is made when stamping only is required.

Quantity of	12	25	50	100
Price	$2.50	$3.50	$5.00	$7.50
Blank	400C	400C	400C	400C

Time Checks

Made of Brass or Aluminum

¾ Actual Size

No. A-101

No. A-99

No. A-102

Any desired lettering stamped and enameled black without extra charge.

Quantity of	12	25	50	100
Price	$2.50	$3.50	$5.00	$7.50
Blank	400C	400C	400C	400C

Blank Checks

Blank checks of any special size or shape of brass or aluminum furnished when desired. Price on application

We can furnish checks of any metal or design; quotations on application

SALLY needs no farm relief . . . She's planting a harvest of good will, to reap a record breaking crop of SALES . . . . . .
Her long, slim legs are made for action . . . She's keen and alert . . . The way she turns her head —her smart, trim figure, keen, moveable eyes, knowing expression and even the way she wears her clothes, make her "Miss America" personified.
Sally is one of many interesting PETITE dolls, which include Petite standing dolls and the wonderful TODDLE TOT baby— remarkable values —everyone.
AMERICAN CHARACTER DOLL CO., INC.
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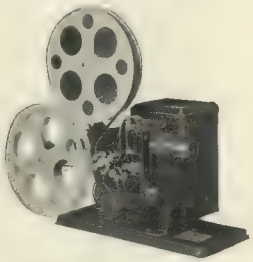
NEW YORK

WHY

Q·R·S
16 mm.
Toy Projectors

Have Found a Ready Market:



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and

Kiddie Film:

$7.50 TO $35.50 RETAIL

Interchangeable with all 16 mm. home movie equipment on the market regardless of how high priced.

Precision movement—super illumination—guarantees steady and well illuminated projection.

Your market is every man, woman and child—display and demonstration will insure volume sales.

Kiddie film—non-inflammable—complete subjects—individually titled and boxed—from 60 cents up at retail.

The Musical Toy Sensations:

CLAROLA—$2—RETAIL **PLAYASAX—$3—RETAIL**

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NEW YORK Toy Show Room, 200 Fifth Ave.

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Novel Sturdily made Beautifully colored Snappy items that are profit builders for toy and game departments. Priced to move quickly. Pull toys individually packaged in colorful lithographed container. Send for 1930 illustrated catalogue

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Better Building Toys
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4. Ready to Fly Aeroplanes, $1.00 to $10.00

For real satisfaction order Broadfield's extensive line. Send for prices and catalog

BROADFIELD AEROPLANE COMPANY
Established 1919
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WATCH FOR IT
The new combination of pastel colors in FULTON TOYS. It's the livest and most attractive note ever struck in the toy game. Be sure to send for the new FULTON TOY catalog with all new colors and many new numbers. Pastel Shades in FULTON TOYS will add new life to your sales. They are fast and different.

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PATENT NOVELTY COMPANY, Inc.
FULTON ILLINOIS

The "Beauty" Play Pony
A Great Seller

Aluminum alloy body, 29 in. high, 44 in. long, finished in 6 bright, natural colors. A year-'round seller. Send for circular.

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ST. GENEVIEVE, MO.

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Favorites since 1914
Made by
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Evanston Ill. U S A
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BULLS EYE STEEL AIR RIFLE SHOT

The Best Way to Sell Air Rifle Shot

DON'T sell air rifle shot in bulk—it is too untidy and wasteful. The most profitable way is to sell Bulls Eye Steel Shot, in the handy nickel tube, convenient for you and the customer. BULLS EYE Steel Shot now recommended for use by makers of lead air rifles. Order from your jobber or for full particulars write

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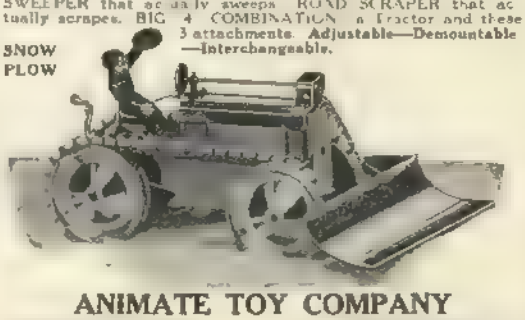
BULLS EYE AIR RIFLE SHOT

Climbing Tractor and Accessories
SNOW PLOW that plows snow, sawdust or sand. ROAD SWEEPER that actually sweeps. ROAD SCRAPER that actually scrapes. BIG 4 COMBINATION a Tractor and these 3 attachments. Adjustable—Demountable—Interchangeable.

SNOW PLOW



ANIMATE TOY COMPANY
200 FIFTH AVENUE NEW YORK CITY

ARRANBEE

1930 Doll Line of Profit Makers Has Some Winning Numbers

NEW HEADS
SNAPPY DRESS CREATIONS
ORIGINAL LINES AND COLORS

Send for Samples

ARRANBEE DOLL COMPANY
894-900 Broadway, New York City, Algonquin 8057

Holds the Tree Steady as a Flagpole

The Northland

The heavy wide spread iron braces afford safety. There's no assembling. May be used also as a flower stand. Bronze lacquered cup, full quart size acts as a drip pan. Finished in green and bronze. Packed 6 to a carton. Shipping weight, 18 lbs. per carton.

TWIN CITY IRON AND WIRE CO.
21 to 35 West Water St. Saint Paul, Minnesota

BLOCK HOUSE, Inc.

239 Fourth Ave (19th to 20th St.), New York

Feature as Exclusive Lines:

RICHTER STONE BUILDING BLOCKS
Famous for Three Generations of American and European Families.

"ELASTOLIN"
Soldiers, Fire & Mer-of-War, Farm Sets, Nativity Sets, Noah's Ark, Animals, Horses and Wagons, Indians and Cow Boys, Railroad Figures, Animal Cages.

HAUSSER'S Party and Kindergarten Games, etc.

"LASCA" Dr. Emanuel Lasker's Brilliant New Game.

EXCLUSIVE DOMESTIC TOYS
We Are Exclusive Distributors for Such Lines as Jaton Washing Pools, Electric Trains, Signals, Playground, Gymnasium Equipment, Archery, Outdoor Beach and Other Toys.

The N. D. CASS COMPANY

Manufacturers of Wooden Toys

Salesroom: 200 Fifth Avenue, New York City
Factory: Athol, Mass.

Popular Priced Lines of

BLACKBOARDS	HIGH CHAIRS	LAUNDRY SETS
BASSINETTES	KITCHEN CABINETS	TRUNKS
BUNGALOWS	REED FURNITURE	TOOL CHEST
CHAIRS AND ROCKERS	TABLE-SETS	TOY FURNITURE
CRADLES	DESK SETS	CEDAR CHESTS
		TEN PINS

Write for Catalog and Prices

"GOLD MEDAL" TOYS

Embroidery and Sewing Sets
To Retail at 25c Up

Kitchen Kabinets
Full of Aluminum Dishes
To Retail at 50c, $1.00, $1.50, $2.00 and Up

White, Red and Green Tissue Paper and Holly Paper in Packages

Coloring Outfits
To Retail 25c to $5.00

Garden Sets
10c to $1.00

"Gilt Edge" Nested Holiday Boxes

GIFT BOXES

White Embossed Boxes

SEND FOR SAMPLES

TRANSOGRAM CO., INC.
Factories: Bush Terminal, Brooklyn, N. Y., and Easton, Pa.
NEW YORK OFFICE: 200 FIFTH AVENUE

SOMETHING NEW!

THE announcement line of Atlanta Playthings Company consists of forty unique and attractive numbers of soft dolls and stuffed animals. These items are priced so attractively that they appeal strongly to Toy Departments, Jobbers and Chain Store Buyers.

Write for samples, prices and complete information

Atlanta Playthings Co.
53 Mangum Street
Atlanta - - Georgia

BAKER WHEELED TOYS

are profit makers for dealers. All wheeled toys are built for safety to the child. Only the best materials are used in their construction.

Write for Catalog

THE W. J. BAKER COMPANY
1028 SARATOGA STREET NEWPORT, KENTUCKY

SEE THE BRINKMAN LINE

New Doll Houses—Pool Tables
Bowling Alleys—Two Sizes, 2′ and 4′
Baby Rack—Shooting Games
Telephones, Etc.

Write For Illustrated Catalogue

THE BRINKMAN ENGINEERING CO.
300 Kiser Street Dayton, Ohio

10,000,000 CONSUMERS Reached Through ARCADE National Advertising

17 Newspapers | **3** National Magazines | **6** Trade Papers

Be prepared to meet the demands in your community created for Arcade cast iron Toys by the 1930 Arcade National Advertising campaign.

When the dealer considers the record of Arcade Toys for the past, present, and future, he will find that:

1st They will please the parents.
2nd Are in demand by the children.
3rd Have been nationally advertised for years.
4th Are accurate miniatures of every day items.
5th They are made from high grade castings.
6th Cannot be broken easily.
7th Will withstand the hard usage of sand piles.
8th Are attractively finished in colors.

He knows, too, that:

1st They are manufactured by a reputable company.
2nd Who will cooperate with the dealer.
3rd The Arcade Toys display effectively on counters.
4th Counter displays, electros, and mats are furnished free.
5th The toys are known by their trade mark.
6th Will sell over the counter the year round.

ARCADE CAST IRON **TOYS**

"They Look Real"

New York.....200 Fifth Ave. J. T. Rowntree
Chicago. .....553 W. Randolph
San Francisco Denver
Los Angeles Seattle
Boston
A. T. Otis.....111 Summer St. Salt Lake City Portland
Dallas Winnipeg, Canada
D. D. Otston, Inc. Santa Fe Bldg. J. F. Christie...120 Phenoix Bldg.

ARCADE MANUFACTURING COMPANY
FREEPORT, ILLINOIS

WOOLNOUGH

WIRE HAIRED TERRIERS, FOX AND SEALYHAM CHOWS POLICE AIRDALES TOWZERS ST BERNARDS CATS COWS HORSES DONKEYS RABBITS MONKEYS ELEPHANTS TEDDY BEARS

IS THE "BUY" WORD FOR

ANIMALS

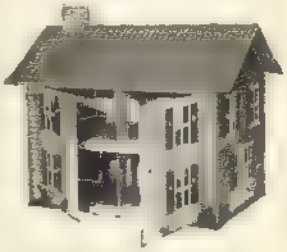
"Lifelike Masterpieces in Plush"

F. W. WOOLNOUGH CO.
INCORPORATED
45 East 17th Street New York
Room 314

DOLL HOUSES

For 99c and Up Retailers

A beautiful and appealing toy sturdily constructed of heavy fibre board—handsomely decorated in realistic style, with green shrubs and shutters white window frames and red tile roof. Stock this fast selling toy by ordering now, or write for samples, prices and further information.



BUTLER BROS. CO.
New York Baltimore
Chicago St. Louis
Minneapolis Dallas
San Francisco

FARR MFG. CO.
Fort Wayne, Indiana

"Our Pet" DOLLS

Ask Us About the "Pet" Surprise of 1930

The Latest Import Specialties
Now on Display

STRAUSS-ECKARDT CO., Inc.
45 East 17th St. (Cor. Fourth Ave.) New York

KAZOOS

Many Protected by Patents

No. 19—The Old Reliable

Always a Favorite and a Big Money-Maker Now Offered in Handsome 2-Color Combinations and Imitation "Finger Notes"

Originators of Kazoo Instruments, Horns, Noise Makers, Advertising Novelties and Games
Ask Your Jobber About These Items—Write for Prices
KAZOO CO., Inc. Off.: 535 E. Utica St., Buffalo, N. Y. Factory: Eden, Erie Co., N. Y.
Oldest and Largest Kazoo Mfrs. in the World

BELLPHONES

CHIMES, REINS, RATTLES, IRON and STEEL TOYS

+ + +

THE N. N. HILL BRASS CO.
27 Skinner St.
East Hampton Connecticut

Representatives
RIEMANN, SEABREY CO.
215—4th Avenue, N. Y.

The Standard Toy Agencies
718 Mission St., S. F.

TRADE MARK

"Tak-it-esy" Tables

ALREADY a sales leader Show them and you'll sell them

A Toy that is a Utility . . . a Utility that is a Toy.

The Lewis's
421 Bulkley Building
Cleveland, Ohio

Universal Toy & Novelty Mfg. Company

2327 Third Avenue New York City

MANUFACTURERS OF

Toy Painting Outfits — Kindergarten Sewing Outfits — Game Specialties

Something New! Movie Picture Photo Cards
40 Different Styles
Size: 5"x7"
Retails for 1c

Christmas Surprise Boxes Give-Away Items

Also manufacturers of paper novelties such as doll cut-outs, furniture cut-outs, transfer pictures, booklets, matching cards, strip pictures, etc.

Send for details of our line

"RICH TOYS"

Spell More Profit

Many new numbers have been added to our 1930 line—"rich" in sales possibilities. Each one attractively packaged and ranging in price from $1.00 to $16.50. A wonderful line of wood pull toys. See them at the Chicago Toy Fair, Hotel Morrison—Room 725.

RICH BROS. MFG. CO.
Morrison, Illinois

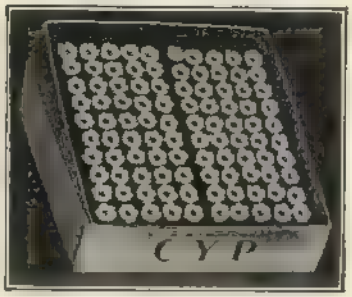
Headquarters for American Toy Lines

BAKER & BENNETT CO.

873 Broadway — Direct Factory Agents — New York

C-Y-P "QUALITY"

Birthday Cake Candle Holders



Mr. Wholesaler and Retailer

Here is the Candle Holder with "All" the Improvements.

"The Quality Line"

Made in 2 sizes

CYPRESS NOVELTY CORP.
2912 Atlantic Avenue
Brooklyn, N. Y.
Edw'n E. Besser

Send for the NEW 1930 SILVER ACE Catalog

SHOWING new, low-priced, *flying* scale models by America's leading manufacturer of Model Aircraft.

The SILVER ACE Flying Squadron is the most complete and fastest selling line of model airplanes today.

New Low Prices—Fascinating New Models now assure SILVER ACE dealers of even greater volume and quicker profit in 1930.

The outdoor flying season is here. Send *today* for this 32-page catalog of airplanes, construction sets, kits and accessories.

AERO MODEL COMPANY
Dept. A-26
111 North Wacker Drive — Chicago

STUFFED

ANIMALS

of Quality and Distinction

Continental Toy & Novelty Co., Inc.
11 East 17th St. — New York

Represented by
Direct Toy Sales Corp.
215 Fourth Ave., New York
Jacobs & Kassler
53-59 E. 25th St., New York

MASKS

PAPER HATS
SANTA CLAUS OUTFITS
HORNS—BLOWOUTS—NOISE MAKERS—
LANTERNS—MASQUERADE HAIR GOODS

Imported and Domestic

DESSART BROTHERS, Inc.
LARGEST MASK MANUFACTURERS IN THE WORLD
503 Metropolitan Avenue — Brooklyn, N. Y.
Factories: Brooklyn, N. Y., and Sonneberg, Germany

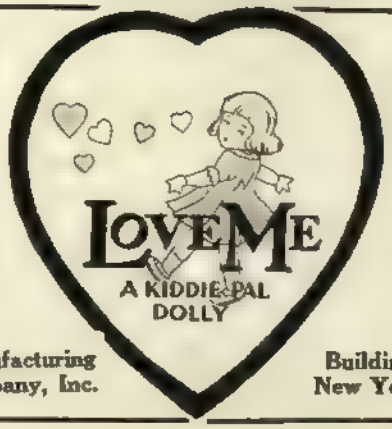
IMPORTED

DOLLS & TOYS

FAVORS—NOVELTIES
BASKETS

LANGFELDER, HOMMA & HAYWARD, INC.
915 Broadway — New York

REGAL DOLL



FIFTH AVE

Manufacturing Company, Inc.

Building New York

Mention TOYS AND NOVELTIES When Writing to Advertisers

TOY RANGES

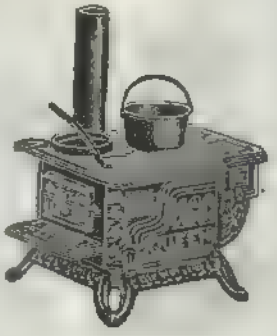
HOME

Cast iron, polished and nickel plated. Equipment—kettle, skillet, lid lifter and 1 length of pipe.

Per Doz

No. M3—Length 5 ins; height 3½ ins; width 5 ins.....$12 75

One-third doz in cardboard box; wt per doz 25 lbs.



QUEEN

Cast iron, semi-gloss black lacquer finish with gold bronze decoration. Perfect model of a large cook stove. Equipment—kettle, skillet, lid lifter and 1 length of pipe.

Per Doz

No. M5—Length 6¼ inches; height 4 ins; width 4½ ins$14 25

One-third doz in cardboard box; wt per doz 26 lbs.

BLUE BIRD
COMBINATION COAL AND GAS RANGE

Cast iron, enameled blue finish, trimmings nickel plated.

Equipment—skillet, kettle, lid lifter, coal hod and shovel.

Per Doz

No. M130—Height 7¾ ins; length 7 ins; width 4⅝ ins...$39 00

One in cardboard box; wt per doz 82 lbs.

BLUE BIRD
COMBINATION COAL AND GAS RANGE

Cast iron, enameled blue finish, trimmings, nickel plated.

Equipment—enameled stew pan and skillet, lid lifter, shaker, coal hod and shovel.

Per Doz

No. M150—Height 12 ins; length 9¼ ins; width 5¾ ins ...$78 00

One in cardboard box; wt per doz 150 lbs

BLUE BIRD
COMBINATION COAL, GAS AND ELECTRIC RANGE

Cast iron, enameled blue finish, trimmings, nickel plated.

Equipment—kettle, stew pan, skillet, lid lifter and shaker. Two rear burners are equipped with miniature electric lamps, overlaid with tinted composition which gives a realistic imitation of a fire, operated by keys at front of stove. Current is supplied by a dry cell which fits in receptacle at back of stove.

Battery Not Included With Range.

Per Doz

No. M160—Height 13 ins; length 11 ins; width 6¾ ins..$126 00

One in cardboard box; wt per doz 177 lbs

TOY RANGES

ARCADE

Cast iron white lacquer finish, black trimmings. Resembles a gas range. Made with broiler, oven and warming closet. The doors open, the drawer slides and the grates are removable. Equipped with toy spider and kettle.

Per Doz

No. M611—Height 6¼ ins; length 5⅞ ins; depth 3⅛ ins $25 50

One in cardboard box, one doz in carton; wt per doz 45 lbs

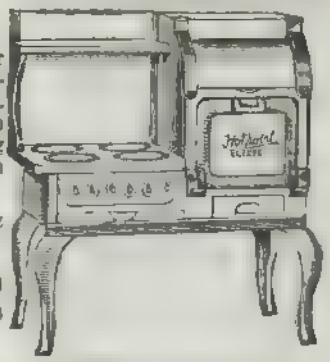
ARCADE

Cast iron, white lacquer finish, black trimmings. Resembles an Electric Range. Made with oven doors that open and a warming oven with sliding door and removable grease pan below burners.

Per Doz

No. M614—Height 6¼ ins; length 5¾ ins; depth 2¾ ins $25 50

One in cardboard box, one doz in carton; wt per doz 72 lbs.



EMPIRE, ELECTRIC

Japanned sheet steel construction; two side ovens, white enamel doors and back panel, nickel plated heating plate, top panel, door frames and legs. Complete with 6 feet of cord, separable attachment plug and 4 aluminum cooking utensils.

Each

No. M27—Height 15 ins; width 15 ¼ ins; depth 6¼ ins $24 00

One in carton; wt each 14 lbs.

EMPIRE, ELECTRIC

Large oven to accommodate two good size toy baking utensils. Complete with set of four aluminum miniature cooking utensils consisting of lipped sauce pan, frying pan, bread pan and round cake pan. Body made of sheet iron, black japanned, riveted; legs, top, shelf and hinges made of steel, nickel plated and polished. Heating elements wound on steel frames of special resistance wire. Complete with six feet of cord and detachable plug. Wattage 400, voltage 110 to 120, A. C. or D. C.

Each

No. M26—Height 16½ ins; width 11 ins; depth 6 ins.. $16 50

One in carton; wt each 10 lbs.

TOY SAD IRONS

Per Doz

No. M28—Plain polished; gold and silver bronzed top and handle; length 2¾ ins.....$2 40

Two doz in cardboard box; wt doz 6 lbs.

Per Doz

No. M33—Polished base; length 3¾ ins. Duplicate of Mrs Potts iron; detachable hardwood handle.....$6 30

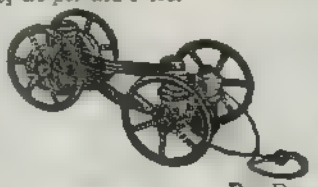
One doz in cardboard box; wt per doz 10 lbs.

PULL TOYS

PULL-A-WAY
Chime-A-Way.

Hardwood axle and knobs, enameled in bright colors; mounted on metal wheels, with bell in center which rings when drawn across the floor. Per Doz

No. 975—Width 6 ins; diam wheels 4½ ins $12 00
One in cardboard box; wt per doz 9 lbs.



Three-Merry-Men, Chimes.

Hardwood, men mounted on metal frame, enameled in bright colors. Men turn somersaults and bell on rear axle rings when drawn across the floor.

Per Doz

No. 995—Length 11½ ins; diam wheels 4½ ins. $25 50
One in cardboard box; wt per doz 16 lbs.

Sambo, Chimes.

Hardwood horse and driver, enameled in bright colors; mounted on metal frame; horse gallops and two bell ring as it is drawn along. Per Doz

No. 965—Length over all 13½ ins; diam wheels 4½ ins $25 50
One in cardboard box; wt per doz 16 lbs.

Row-A-Way-Four

Hardwood boat, white enameled, trimmed in red; mounted on wood rollers; four wooden men with metal oars move in perfect action when drawn across the floor.

Per Doz

No. 985—Length boat 16 ins; height 4 ins $24 00
One in cardboard box; wt per doz 11 lbs.

Fly-A-Way.

Hardwood body and wheels; metal wings, tail piece, propellers and bell, finished in bright colors. Propellers turn and the bell rings as it is drawn along. Per Doz

No. 925—Length over all 13½ ins; wing spread 11½ ins $25 50
One in cardboard box; wt per doz 13 lbs.

AEROPLANE CONSTRUCTION SETS

Fly-A-Way

Hardwood body and wheels; metal wings, tail piece, propellers and bell; finished in bright colors.

Bolt and nut construction permits taking apart and building 10 different model planes. Propellers turn and the bell rings as it is drawn along.

(One of the 10 Models)

Per Doz

No. 950—Length over all 13½ ins; wing spread 11½ ins $25 50
One in carboard box K. D.; wt per doz 13 lbs.

AEROPLANE CONSTRUCTION SETS

METALCRAFT FLYER

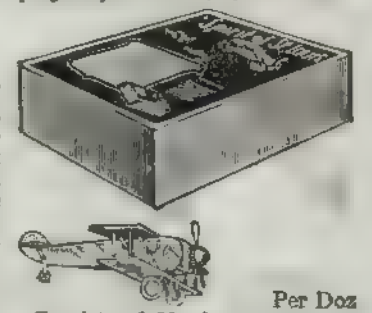
Aluminum and duraluminum parts. Builds a large plane **that actually flies, loops the loop, barrel rolls, takes off the ground, flies straight and does various stunts.**

Easily assembled with nuts and bolts. Complete with instructions for assembling. Per Doz

No. 955—Wing spread 24 ins $27 00
One in cardboard display box; wt doz 9 lbs.

METALCRAFT ALL METAL

These Models Do Not Fly.



All parts are steel, satin nickel finish. Many different model aeroplanes can be built with these sets. All sets will build the "Spirit of St. Louis" and the "Bremen". The larger sets resemble almost any plane that flies.

Per Doz

No. 80—Builds 5 models. Consists of 80 pieces: 27 major parts and 53 nuts and bolts; packed in attractive display box 11¾x10¼ ins; wt per doz 19 lbs $25 50

No. 951—Builds over 25 models. Consists of 120 pieces: 40 major parts, 80 nuts and bolts and a combination screw driver wrench; packed in attractive display box 14x8¼ ins; wt per doz 26 lbs 39 00

No. 952—Builds over 100 models. Consists of 170 pieces: 60 major parts, 110 nuts and bolts and a combination screw driver wrench; packed in attractive display box 18¼x12¼ ins 78 00
Half doz in carton; wt per doz 44 lbs.

No. 953—Builds over 250 models. Consists of 270 pieces: 95 major parts and 175 nuts and bolts; a splendid book on aviation engineering written by an aviator of wide experience is included in each set; packed in beautiful display box 19½x13¼ ins 126 00
One quarter doz in carton; wt per doz 76 lbs.

ZEPPELIN CONSTRUCTION SETS

METALCRAFT
Builds 8 Models, Does Not Fly.

All metal parts, enameled in red and yellow. Per Doz

No. 960—Builds Zeppelins 8x9 ins $27 00
One in cardboard display box; one doz in carton; wt per doz 12 lbs.

METALCRAFT
Does Not Fly.
Builds Over 20 Models.

All metal parts, finished in realistic gray enamel with rust-proof silvered trimmings.

Set consists of 45 major parts and 140 bolts and nuts.

Easily assembled. Complete with instructions for assembling and illustrations of the different models. Per Doz

No. 961—Builds Zepplins and dirigibles 18 ins long $39 00
One in cardboard display box, one doz in carton; wt per doz 26 lbs.

WOOD PULL TOYS

TOY KRAFT BUNNY

Hardwood, enameled in attractive bright colors. Mounted on easy rolling wood rollers.

Per Doz

No. 1102—Size 7x5½ ins. $6 30

Half doz in cardboard box; wt per doz 6 lbs

ELEPHANT

Hardwood, enameled in attractive bright colors. Mounted on easy rolling wood rollers.

Per Doz

No. 1103—Size 8x6 ins. $6 30

Half doz in cardboard box; wt per doz 6 lbs.

HORSE

Hardwood, enameled in attractive bright colors. Mounted on easy rolling wood rollers. Per Doz

No. 1104—Size 8x6½ ins. $6 30

Half doz in cardboard box; wt per doz 6 lbs.

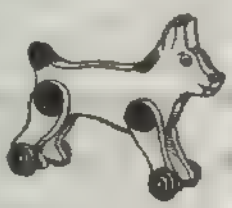
PUP

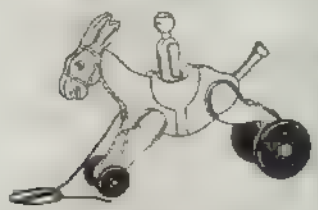
Hardwood, enameled in attractive bright colors. Mounted on easy rolling wood rollers.

Per Doz

No. 1105—Size 7x6½ ins. $6 30

Half doz in cardboard box; wt per doz 6 lbs.





RUNNING MULE

Hardwood mule and jockey, enameled in attractive bright colors. Offset rear axle gives mule a galloping motion when drawn across the floor. Mounted on easy rolling wood rollers. Per Doz

No. 1211—Size 10x7½ ins. $12 75

One in cardboard box; wt per doz 1¾ lbs.

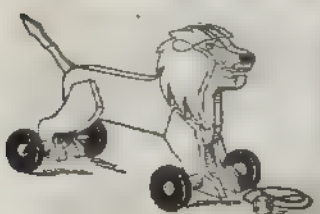
CIRCUS HORSE AND RIDER

Hardwood horse and rider, enameled in attractive bright colors. Mounted on easy rolling rollers.

Per Doz

No. 1710—Size 9x8 ins. $12 75

One in cardboard box; wt per doz 14 lbs



CIRCUS LION

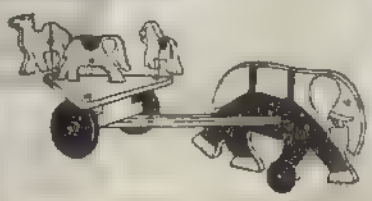
Hardwood, enameled in attractive bright colors. Removable head and movable tail. Mounted on easy rolling wood rollers. Per Doz

No. 4002—Size 11½x9 ins. $24 00

One in cardboard box; wt per doz 25 lbs.

ELEPHANT WHIRLER

Hardwood, enameled in attractive bright colors. Consists of 3 small animals mounted on small platform that whirls when elephant and cart is drawn across floor. Mounted on easy rolling wood rollers.



Per Doz

No. 515—Size 17x6½ ins. $24 00

One in cardboard box; wt per doz 18 lbs

WOOD PULL TOYS

Life-like in action, these Toys readily appeal to all youngsters and prove rapid sellers to all Dealers. Nothing to break or get out of order.

Three-ply wood construction with solid hardwood wheels attractively finished in bright colors with chip-proof enamels and lacquers.

KANGAROO TODDLER

The off-set wheels cause this toy to hop along in real kangaroo fashion. Interesting and amusing. Furnished with pull cord.

Stands 20 inches high; 18½ inches long.

Per Doz

No. 216—Wt per doz 45 lbs. $25 50

One in cardboard box.

QUACKIE TODDLER

Not only does this toy have the original wobble of a duck but also clasps its bill and throws out a loud quack that truly represents the live fowl. Furnished with 2 ft. push rod.

Height 10 inches; length 15 inches. Per Doz

No. 219—Wt per doz 38 lbs. $25 50

One in cardboard box.

BULLIE TODDLER

A good reproduction of a goring bull. Its movements are similar to that of a real beast. Furnished with 2 foot push rod.

Height 10¼ inches; length 22½ inches.

Per Doz

No. 222—Wt per doz 42 lbs. $25 50

One in cardboard box.

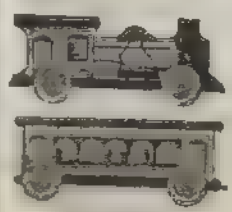
ENGLISH BULL DOG TODDLER

This toy is a knock-out. The legs are fitted with swivel casters that give it a true image of an English Bull Dog. The body is of 1⅜ inch solid Pine. Furnished with red leading strap.

Height 10 inches; length 13½ inches. Per Doz

No. 221—Wt per doz 48 lbs. $37 50

One in cardboard box.



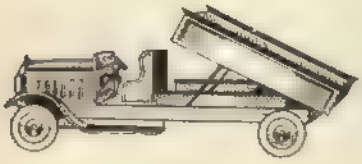
TODDLER TRAIN SET

Hardwood, enameled in attractive colors of bright red, green, black and orange. Mounted on easy rolling wood rollers. Equipped with metal coupler and attractive colored pull cord. Per Doz

No. 32—Length over all 27¼ ins; height 6¼ ins; width 4½ ins. $25 50

One set in cardboard box, three sets in carton; wt per doz 36 lbs.

ILLUSTRATIONS FOR TOY DEALERS



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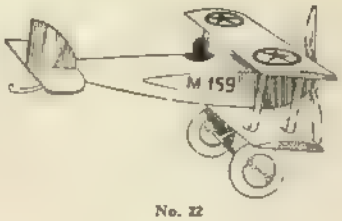

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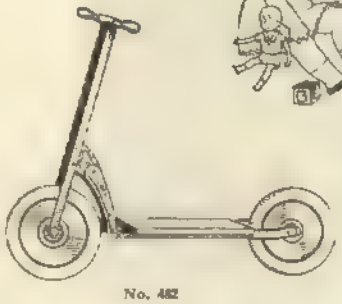

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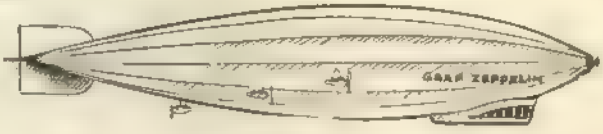

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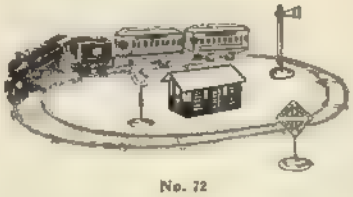

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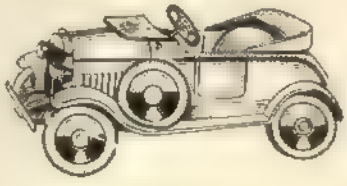

No. 482

PLAYTHINGS

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Enclosed find $....., for which send the following, postage prepaid:

. ... .. Mats, Nos. . . . .

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Name . . . .

Street and No. .....

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Use These Cuts For Children's Day

PRICES *Postage Prepaid*

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Less than 4..	$1.25 each
4 or more	1.10 each
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Single Mats—either size....	$ .35 each
4 or more Mats.....	.25 each

Prices will be quoted on other sizes, also on special designs drawn to order.

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A Successful line for Successful Buyers!

ROOM 412

TRADE MARK EEGEE DOLLS MADE IN U.S.A.

FIFTH AVENUE BUILDING
(Gramercy 6072)

Mr. Silas Berlin will be pleased to show you our new line during Summer Toy Week

MAMA DOLLS—BABY DOLLS

Bigger values, prettier costumes, snappier styles—in a word, the line with that extra margin of quality you have been looking for

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REPEATING CAP PISTOL

An Interesting and Instructive Toy
Takes Apart Easily and Easy to Put Together

NOTHING LIKE IT ON THE MARKET

Appeals to Children and Grown-Ups Too

The Popular 25-50 Repeating Cap Pistol Refined and Improved
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BABY WALKER

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Made from high-grade steel finished in attractive colors.

Also Joy Riders, Scooters, Porch Gates and Folding Canvas Beach or Camping Carriages

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"Hansel and Gretel House"

America's Most Beautiful Doll Houses

Nothing like them on the market. Exquisite creations of a famous architect. You can earn liberal profits on this line.

We also have two Kitchen Cabinet numbers, retailing at $7 50 and $15

PLAYROOM EQUIPMENT CO.
Tribune Tower, Chicago

When You Finish

reading this copy of Toys and Novelties, pass it along. It will help your assistants. It will profit your organization to let them read it.

New ideas stimulate effort, efficiency and sales.

PLAYSKOOL SANDIE

Retails at 88.50 Including sturdy non-tip bench

The "Learning While Playing" Version of the Ever-Popular Sand Box —A Modern All-Year Sand Table

Introduce it now in your educational department for profitable summer sales. These unique features make an instant appeal to parents and youngsters alike!

1. Combines the educational benefits of sand play with modern ideas of preschool training.
2. Blocks and pegs, in the shape of trees and houses, make sand play more colorful—more instructive.
3. With cover on, Sandie makes an ideal play table.
4. Cover may be used independently as a large smooth writing surface.
5. Playskool Sandie may be used indoors or out, is easily moved about, sand cannot leak out.
6. When empty, sand compartment may be used for storing other playthings.

A Sensation at Two Toy Fairs

At both New York and Chicago, Playskool Institute Products won the enthusiastic endorsement of prominent buyers. Many of them plan to build their educational departments around Playskool. The Home Kindergarten and other Institute Products. Write today for new illustrated catalog

Pacific Coast Representatives
Erlach-Lee Co., 718 Mission St., San Francisco, Cal.

PLAYSKOOL INSTITUTE
594 COMMERCE ST. MILWAUKEE, WIS.
A DIVISION OF JOHN SCHROEDER LUMBER COMPANY

JEFFERSON TRANSFORMERS keep train customers satisfied

EXPERIENCED toy buyers know that every complaint not only eats into the sales profit but often loses a good customer. Take electrical trains for instance. Their satisfactory operation is assured by the consistent reliability of Jefferson Toy Transformers.

Jefferson Toy Transformers are made by specialists in small transformers, and guaranteed to give complete satisfaction with any train outfit. They provide the highest degree of safety—are ruggedly built to give long service under rough usage—deliver the secondary voltages in small uniform steps, controlling the speed of trains perfectly without the use of a separate rheostat.

Four Jefferson Transformer models operate all makes of electrical trains. This reduces the amount of stock necessary to carry, and to simplify matters for salespeople each carton tells which train outfits that transformer will operate. Stock Jeffersons for profit.

JEFFERSON ELECTRIC COMPANY
1502 South Laflin Street • Chicago, Illinois

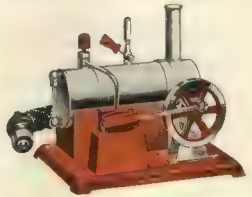
JEFFERSON
UNIVERSAL TOY TRANSFORMERS

(A-10128)

Two Fisted

Double Action

Empire Electric Steam Engine



NEW ENGINE ACCESSORY

Boys are always looking for something new in the way of engine accessories, preferably a miniature model of the *real thing*, which is fascinating to watch and operate.

This Empire Ferris Wheel stands 8" high—has eight swinging carriages—and is finished in bright red duco with nickel plated trimmings.

It runs like any big Ferris Wheel in an amusement park—and sells at a price which can give you a large volume of sales—at a substantial profit. Send the coupon.

THIS year Metal Ware adds an entirely new model to the famous Empire line of electric steam engines.

A new Double-Action engine with special cylinder design which applies power on both the outward and return stroke of the piston.

And like all other Empire Electric Steam Engines, it has a patented electric heating element to create steam, which operates on any standard light socket.

Send for the new folder showing the complete line of Empire Electric Steam, Battery, Magnetic, Turbine and Hot Air Engines. They're the finest, fastest selling engines on the market—and exceedingly profitable to handle.

METAL WARE CORPORATION

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EMPIRE

Strobel-Wilken Co., Inc. John H. Graham & Co., Inc.

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Have You Seen the New Empire Colored Ranges?

Please send me the colored folder showing the complete line of Empire Miniature Electric Ranges, Electric Steam Engines and Accessory Toys.

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The New

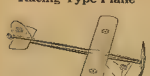
BABY DIMPLES

A NEW baby doll of Horsman quality. She's all smiles and dimples. Lovable from the tip of her dainty bonnet to the hem of her beautiful baby dress. Just the sort of doll to win the heart of any little girl.

Doll Buyers who appreciate quality and anticipate the great demand which consumer advertising will create are now placing their quantity order.

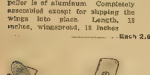
E. I. HORSMAN CO. INC.
MAKERS OF FINE DOLLS
200 FIFTH AVENUE, NEW YORK

Silver Arrow Racing Type Plane



NX8983—RACER—Made of selected Grade A Balsa Wood and braced throughout with aluminum. The propeller is made of shim stock and when wound will fly the plane across the room. Completely assembled except for slipping the wings into place. Length, 13 inches; wingspread, 18 inches..... Per doz. 16.00

NX8984—RACING SILVER ARROW—A bright silver bronze plane, attractively decorated and made of selected Balsa Wood, braced throughout with aluminum. Propeller is of aluminum. Completely assembled except for slipping the wings into place. Length, 13 inches, wingspread, 18 inches ..... Each 2.67

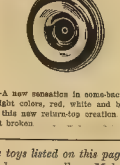


NX8985—SILVER ARROW PLANE—This big plane tears off the ground and soars through the air with all the ear marks of a life size plane. Very stable in the air and constant in its flight. A bright silver bronze plane made of Balsa wood and braced throughout with aluminum. Propeller is of aluminum. Equipped with dual rubber control. Length, 22 inches, wingspread 33 inches ..... Each 4.00

Parachute

NX8215—PARACHUTE—A toy that will prove fascinating to any boy. Silk body and celluloid ribs. Operates by means of a spring. The parachute is shot into the air and unfolds, lighting down gracefully like a real parachute. Size of parachute, 9½ inches..... Per doz. 7.50

"O-Hi-O" Musical Top



NX5761—MUSICAL TOP—A new sensation in some-buck tops. Made of metal enameled in three bright colors, red, white and blue. Spins to its own music. Capitalize on this new return-top creation. Diameter, 2½ inches. Packed two dozen, not broken ..... Per doz. 1.50

Flying Zeppelin

NX3962—ZEPPELIN—A smooth gold finish life-like model of the Graf Zeppelin. Four screw propellers that powerful motor driven it along the floor. Simply by the pressure of the front legs converts it into a glider. Its height from the floor as it runs gives it the appearance of floating through air. Length, 21 inches ..... Each 4.07

Silver Arrow Cabin Type Plane

NX8966—SILVER ARROW—A beautiful model plane with all metal body and propeller and wings of selected Balsa. Wings are bright gold with attractive red decorations. Body is gleaming silver. Patented features enable the packing of the plane completely assembled, ready to fly. When packed it is taken from the box. Length 21 inches, wingspread, 32 inches ..... Each 3.34

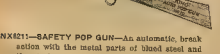
NX5967—ACE—Large Miniature reproduction of a man-made sky hawk. A model plane with the body and propeller entirely of metal. Wings are painted in gold with red decorations. The body is gleaming silver. Packed, it comes assembled, ready to fly. Length, 20 inches wingspread, 26 inches. ..... Each 4.34

Pop Gun

NX8210—BREAK ACTION POP GUN—Embodies all the recent improvements in pop guns. Operates with an easy break action and shoots a cork with a loud noise. Instead of a one-piece trigger, this gun has a separate trigger and trigger guard like the big gun. Stock is finished in bright red enamel. Length, 17 inches ..... Per doz. 4.00

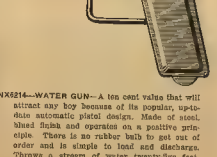
All the toys listed on this page are good spring and summer sellers. Make a summer toy window display and watch your profits mount

Automatic Safety Pop Gun



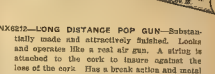
NX821—SAFETY POP GUN—An automatic break action with the metal parts of blued steel and the stock of walnut finish. This gun operates on an entirely new principle, using a spring controlled poppet valve at the muzzle end. Instead of a cork, a leather valve is used, providing longer life, positive action and extra loud noise. The gun loads automatically. Length, 18 inches ..... Per doz. 4.00

10-Cent Water Pistol



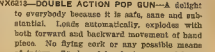
NX5214—WATER GUN—A ten cent value that will attract any boy because of its popular, up-to-date automatic pistol design. Made of steel, blued finish and operates on a positive principle. There is no rubber bulb to get out of order and is simple to load and discharge. Throws a stream of water twenty-five feet. Length, 6 inches. Packed one dozen, not broken ..... Per doz. 1.60

Long Distance Pop Gun



NX8213—LONG DISTANCE POP GUN—Substantially made and attractively finished. Looks and operates like a real air gun. A string is attached to the cork to insure against the loss of the cork. Has a break action and metal parts of blued steel. Handle is walnut finished. Length, 22 inches ..... Per doz. 8.00

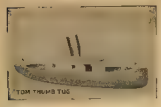
Rapid Fire Pop Gun



NX8213—DOUBLE ACTION POP GUN—A delight to everybody because it is safe, sane and substantial. Loads automatically, explodes with both forward and backward movement of hand piece. No flying cork or any possible means of injury. Stock and hand piece are of beautiful walnut finish and the metal parts are of blued steel. Length, 27 inches ..... Per doz. 13.50

Speed Boats

Tug Boat



NX8587—**TOM THUMB TUG BOAT**—This model will float and has flat bottom so that it also may be used as a pull toy. It is finished in vermilion, yellow and black. Equipped with brass rails, portholes and brass chocks and also has a cast iron anchor. Length, 11¾ inches. Height, 6¾ inches ..... Per doz. 16.00

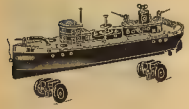
Airplane Carrier

NX8508—**LIBERTY AIRPLANE CARRIER**—The Libertator is an exact miniature of the big airplane carriers now afloat on the high seas. Cabins and gun turrets set to one side to allow airplane take-off space full length of deck. Four glider type planes may be actually released from deck by means of catapult. Scale model. Length, 24 inches. Equipped with "Liberty" launch, Sam's carriers, "Lexington" and "Saratoga." Has two spring motors, twin propellers and rudders, nickeled handrail, masts and periscope. Detachable wheels enabling boat to be used on land or water. Length 24 inches ..... Each 16.00

Mystery Ship

NX8793—**MYSTERY SHIP**—Because of its mysterious, thrilling, realistic action, the mystery boat is creating a sensational interest among every red blooded American boy. Just a glimpse of the motor reveals the secret. Powered by a real 2-cycle gas-gal ound of a big motor boat arouses the curiosity and interest of every youngster. There are no springs or parts in the mystery boat, the moving power being derived from a small boiler which uses canned heat (Sterno) for fuel. A teaspoonful of fuel will operate the mystery boat for 15 minutes. Ideal for use in the bath tub, indoors or out, summer or winter. It always brings amusement and instructive pleasure. The year-round sales features have made it the talk of the toy world. Attractively finished in bright enameled colors ..... Each 1.20

Fire Boat



NX8506—**NEW LIBERTY FIRE BOAT**—Closely follows the design of the powerful fire boats that guard the ships and buildings of our metropolitan harbors. A durable pumping mechanism, concealed in the hull and operated by the center plunger, draws in the water through a suction line and throws a stream a distance of 25 feet through the nozzle mounted on the front deck. This nozzle may be turned in any direction. Detachable wheels enabling boat to be used on land or water. Length, 22 in...Each 10.00

Destroyer

NX8505—**NEW LIBERTY DESTROYER**—The response to this "miniature watchdog of the seas" will be immediate and enthusiastic. A perfect replica of Uncle Sam's Submarine Destroyer. The long, low lines, the revolving gun turrets, the four funnels indicating great speed—these are appeals which no boy will be able to resist. A reel torpedo tube operated by a lever sends wooden missiles thru the water. Detachable wheels enabling boat to be used on land or water. Length, 26 inches ..... Each 13.32

Liberty Scooter

NX8191—**LIBERTY SEA SCOOTER**—This miniature scooter is full of fun and fast and has the appearance and gives the thrill of a large one going a mile a minute. It has a heavy motor that propels it through the water making it one of the speediest of model craft. Finished in bright red and blue colors. Length, 14½ inches. Packed one in a box. ..... Each 3.34

Liberty Tug and Scow

NX8902—**LIBERTY TUG AND SCOW**—The fruit of weatherproofed veneered wood and metal lithographed red, blue, and yellow. Scow is made of wood, enameled blue. Length of tug, 17 inches; of scow, 18 inches. Packed one in a carton ..... Each 4.66

Airplanes

Invader

NX8709—**INVADER**—Cabin type monoplane made of balsa wood with landing gears and wheels of celluloid. Decorated in bright colors. Length, 14 inches. Wing spread, 24 inches. Packed in individual boxes ..... Each 4.00

NX8721—Complete set of materials for making Invader model ..... Per doz. 16.00

Monarch

NX8713—**MONARCH**—A junker type plane with a cabin. Made of balsa wood with silk covered adjustable and demountable wings. Length, 24 inches. Wing spread, 36 inches. Packed in individual boxes ..... Each 13.32

NX8720—Complete set of materials for constructing the Monarch model ..... Each 8.66

Pacemaker

NX8715—**PACEMAKER CONSTRUCTION SET**—An airplane designed for indoor flying. Kit contains complete parts for building an indoor tractor type of plane. Parts are made light in weight in order to obtain the greatest possible duration. Only the finest materials are used. Complete instructions in every detail so that a boy can easily construct the entire plane correctly ..... Per doz. sets 16.00

Meteor

NX8711—**METEOR**—Built for duration with feather-weight twin propellers. Has wood frame and Japanese paper wings. Length, 42 inches. Wing spread, 39 inches. Packed in individual boxes ..... Each 10.00

NX8718—Complete set of materials for making the Meteor model ..... Each 3.34

Loafer

NX8717—**LOAFER CONSTRUCTION SET**—In making test of this model several of the test planes passed out of sight and were lost after being in the air over 21 minutes. All parts are die cut including the wheels, with large hubs, also formed propeller and each step of assembly is explained in the instruction book. Body is 24 inches long. Flying weight, including rubber, about 1¾ ounces. Kit contains formed wire parts, best wood propeller as well as propeller blank for carving in order to enter contests, large can of glue, dope, special paper for wing covering, rubber motor and winder. Each 4.66

HUBLEY

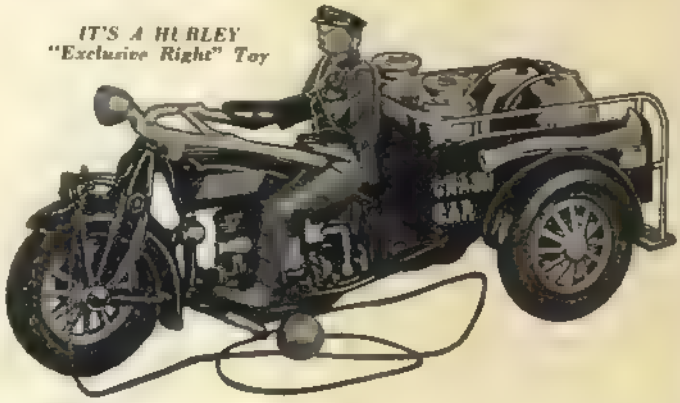
CAST IRON TOYS THAT SELL

THREE NEW HUBLEY TOYS THAT WILL HELP YOU DOUBLE YOUR TOY SALES

THE three toys shown here will be very fast makers because they enable you to make double sales of HUBLEY TOYS. Every boy who owns one of our famous "Exclusive Right" Harley Davidson or Indian Motorcycles will want these new motorcycle toys. Girls with auto toys will want the transport. They will sell singly or in units.

The Crash Car at the right—Hubley Toy No. 27—is 11½" long. Has rubber tires, steering suitable rider, and motor click. It carries a hose reel with hose and nozzle, gasoline can, first aid box and a removable axe on each side. The front part is a copy of the latest Indian model.

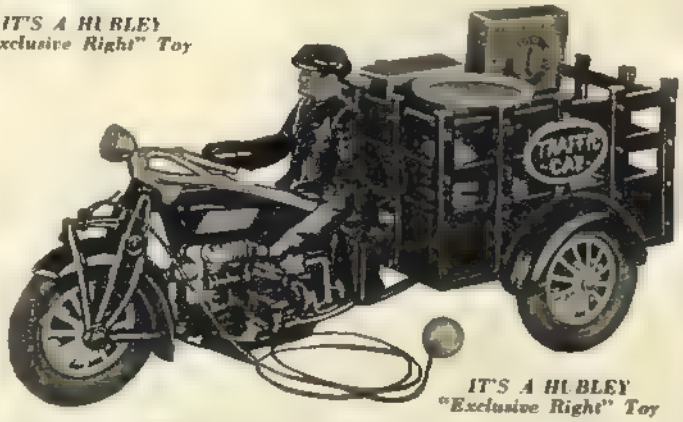
IT'S A HUBLEY "Exclusive Right" Toy



IT'S A HUBLEY "Exclusive Right" Toy

Hubley Toy No. 26—Traffic Car—is 12" long. Its front section is the newest Indian model. The car section is loaded with removable objects. Rubber tires, motor click, and demountable rider add to its realistic appearance.

Hubley Toy No. 776—Mecar Transport—is in two parts measuring 16" overall. Both car and trailer are rubber tired. Comes complete with a load of four cars as shown, all of which can be easily loaded and unloaded. You can sell other small toys with this toy and increase your profits.



IT'S A HUBLEY "Exclusive Right" Toy

These three "Exclusive Right" toys prove that HUBLEY TOYS are modern and up-to-the-minute in novelty. They are well made and brightly colored. Your jobber will be glad to tell you more about them. Ask him Today.

They're Different

THE HUBLEY MANUFACTURING COMPANY

LANCASTER, PENNSYLVANIA

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116 Bedford St., Boston, Mass.

C. E. Dalton Co.
49 Fourth St., San Francisco, Cal.
747 Warehouse St., Los Angeles, Cal.

The $1.00 Tank

Each

G6760—Tank operates just like any other BIG-BANG except that it may be fired by stepping on the igniter. Finished in gray and black, total length 8 inches..... 1.34

Safety Noise Makers

Belching Flame and Curling Smoke

That's the BIG-BANG Toy—the Big Noise—loudest, most realistic shooting toys, yet absolutely harmless.

The gun can't explode. An over-charge merely gives a smaller report. A lighted match will not ignite Bangsite in ammunition case.

Navy Gun Boat

Each

G6752—NAVY GUN BOAT—A realistic miniature. Heavy metal finished in gray and black. Has two movable gun turrets of two guns each, the rear one of which covers the ammunition case. Fires through bow when firing rod in stern is removed, fitted with flangside, replaced, and turned. Length, 8 inches... 2.68

Per doz.

G6763 BANGSITE—The noisy ammunition in tubes. Set these extra tubes with each cannon. Packed one dozen in a box, not broken..... 2.40

Per doz.

G6754—SPARK PLUGS—The emery sparker that puts the guns in action. Packed one dozen in a box, not broken..... 1.60

Field Artillery

Each

G6735—NEW JUNIOR FIELD CANNON. An exact reproduction of regular field cannon. All metal barrel. Two red wheels. Length from end of barrel to firing 7½ inches..... 2.00

Heavy Artillery

Each

G6751—HEAVY ARTILLERY—A big noise maker, operating on the harmless Bangsite principle. An exactly proportioned black metal barrel, 10¾ inches long, is mounted on a heavy gun carriage with four red wheels, 3 inches in diameter. An ammunition case attached to the left side holds reserve Bangsite, a small amount of which is placed in the spoon rod attached to the breech block. The block is then replaced and turned—BANG! Length, 13 inches, height, 6 inches..... 4.00

G6750—JUNIOR FIELD CANNON—An exact reproduction of the guns used on the Western front. All metal barrel, 8 inches long, mounted on a carriage frame with two red wheels, diameter 4 inches. Ammunition case at the end of the drag hook holds a supply of Bangsite. The breech block contains the regular Bangsite firing mechanism. Length, 15 inches..... 3.00

G6759—MAJOR FIELD CANNON—Same as G6750 except length 17 inches..... 5.00

G6761—SIEGE FIELD GUN—Same as G6750 except length, 28 inches..... 7.34

Big Bang Pistol

Each

G6762—SAFETY PISTOL—A real pistol in appearance but perfectly safe. Black metal. Holster supplied. Length 8 inches..... 2.68

Breech Blocks

Per doz.

G6763—For G6760 Tank..... 2.00
G6764—For G6750 Cannon and G6753 Gun Boat.. 2.00
G6765—For G6759 Cannon and G6761 Cannon..... 2.00
G6766—For G6751 Cannon..... 2.00
G6767 For G6765 Plane..... 2.00
G6769—For G6762 Safety Pistol..... 2.00

Ro-To Top

NX8397—RO-TO TOPS—Colorful tops with various designs on cast iron disc. Operates with string like ordinary tops but spins much longer according to how hard the string is pulled. Three colors, red, blue and green in an assortment of one dozen, not broken..... Per doz. 2.40

Bombing Plane

Noise Maker

G6758—BOMBING PLANE—Another Big Bang toy sure to please. Body is of tan colored cast iron with maroon, carmine or green wing, propeller and tail. This toy can also be rolled around on the floor. Length, 15 inches..... Each 4.65

Ball Game

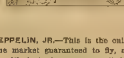
KAN-U-KATCH BALL GAME—A wire basket 4 inches wide holds the ball until released by the gun. A lively sport for two or more, indoors or out. Packed one gun and one ball in a lithographed box.

G6128..... Per doz. 4.00

Silver Eagle

NX8224—SILVER EAGLE PLANE—Flies in a wide circle when suspended by a string from the hand or when fastened to the ceiling. Made entirely of aluminum. Clock spring motor. Wing spread 9¼ inches. Length, 11¾ inches..... Per doz. 8.00

Graf Zeppelin Jr.



Per doz.

GRAF ZEPPELIN, JR.—This is the only Zeppelin on the market guaranteed to fly, and it will meet with instant success, as it is designed after the famous trans-atlantic air liner we read about daily. Of metal throughout, with a powerful clock spring motor, and flexible unbreakable propeller. It will fly in a wide circle when suspended by a string in the hand or from the ceiling. Packed in individual boxes.

NX8225—Length, 10 inches..... 6.00
NX8226—Length, 16 inches..... 16.00

Hydro Plane

NX8223—HYDRO PLANE—Runs only on water. Body is of polished aluminum with brass propeller. Has a wing spread of 13 inches. It has a tiller and steering wheel to guide it when used as a hydroplane and a very strong spring motor which will carry it 100 feet in the water. Length 13½ inches..... Per doz. 16.00

Beautiful black and gold setting for Horsman dolls

There's a distinctive artistry in doll display—Acy Lehman and Fred Stark saw that Horsman dolls secured a worthy setting in their recent Chicago Fair display at the Morrison Hotel

hair, karamu, velour and duvetyn are used as materials in their rabbits, cats, dogs elephants, etc.

FLORIDA PLAYTHINGS, INC.

Wood toys and lawn ornaments, with a price range from 25 cents to $3 are the products of this comparatively new concern in St. Petersburg, Florida. Painted wooden animals—either to pull or to push —would appeal to the small child. Miss Leora D. Lewis, representative

FULTON SYLPHON CO.

Make hand laced, assorted stuffed animals and a steam engine with a patented bellows to produce mechanical action Company is located in Knoxville, Tennessee

FULTON SPECIALTY CO.

The "Artistamp" toy is made at Elizabeth, New Jersey A new box arrangement shows the child just what can be done with the rubber stamps

GIER MFG. CO.

The Gier Mfg. Co., Conrad, Iowa, makes a line of wooden toy furniture called "Tom Thum" suites, which are designed to "dovetail" when the child is through playing with them and be put away.

GIFFORD TOY CO., INC.

A. F. Anderson was in charge of the Gifford's "Bed Time Pals," made by the Gifford Toy Co., Inc., at Fall River, Massachusetts.

GOODYEAR TOY CO.

"My Darling" kapok-stuffed dolls are featured by the Goodyear Toy Co., New York City, retailing from $1 to $5. Peggy Ann is the best number. She is a fully jointed composition doll dressed in "Everfast" materials Jesse Morris and Larry Lipshutz, representatives

THE HATTAN COMPANY

The Hattan Co., Kansas City, Missouri, makes a game of parlor basketball called "Pango." The object is to shoot goals by tapping sticks which shoot the ball toward the goals at each end. It is played under practically the same rules as basketball and is good as an adult, as well as juvenile, number F. A. Behrens, representative.

HOLGATE BROS. CO.

Building bricks, Holgate and Junior blocks, "Jerry" blocks and a barn with animals are the new numbers of this Kane, Pennsylvania, company. Products are approved by leading nursery schools L. H. Pool, representative

HUTTIG SASH AND DOOR CO.

This St. Louis company makes an indoor tennis table in two sizes, which can be folded across center to half length They also make juvenile lawn or porch furniture—straight or rocking chairs and settees

IDEAL BOOK BUILDERS

Improvement play outfits are made by this Chicago firm. Games, books and bird or animal cut-outs are their specialties. R. H. Garman and E. F. King in charge of the exhibit

JINGLBLOX MFG. CO.

Manufacturers, in Cincinnati, Ohio, of hollow blocks containing jingle bells. The construction of these blocks is safe and durable for the child

KELMET CORP.

The Kelmet Corp., New Haven, Connecticut, have two new numbers, a treasure chest and an electric vacuum cleaner William D. Perry, representative

LANGSON MFG. CO.

"Harlan's Harmless Paper Buster" is a noisy 50 cent item for the Fourth shown by the Langson Mfg. Co., Chicago. Paper rolls are the only ammunition. A Ten-Pin bowling alley with an automatic device for resetting the pins after they have been knocked down is another popular number. The company also makes a small electric iron, ironing board and "Play-Movie-Tones" for the toy trade

LIVE LONG TOYS

"Corky," Skeezix' baby brother, an Indian and a cowboy, have been added to the line of soft stuffed washable dolls and animals made by the Live Long Toys The Benoliels will show this line in Room 1428 of the Merchandise Mart, Chicago

LUBBERS & BELL MFG. CO.

Puzzle-Peg and Blox-O are made by these people in Clinton, Iowa

MARTIN METAL BED CO.

Steel metal tables with porcelain tops having painted animal figures were attractive numbers of this Cleveland firm M. J. Kotz was also showing doll beds with mattresses, bassinets and juvenile coat racks

MARVIN TOY CO.

Unbreakable dolls in various sizes, to wholesale at $1, are shown by Max Adelson The Marvin Toy Co. is located in New York City

MAXEY-BARTON ORGAN CO.

Wooden animals and juvenile furniture at a price range of $1 to $5 are offered by the Maxey-Barton Organ Co., of Oshkosh, Wisconsin. Dan Barton and Miss H. Malicki were in charge of the exhibit at the Chicago Toy Fair. Small animal pull toys, the "Krazy Zoo" and a rabbit wheelbarrow are additional items

MECCANO CO. OF AMERICA, INC.

This company, located in New Haven, Connecticut, announces a new selling and advertising policy, a new merchandising plan, and intend to make every set of their outfits a feature New numbers are the Apprentice outfit, the Junior Engineer's outfit, Super-Power outfit with electric motor, motor car outfit, electric hoisting outfit, Master Engineer's outfit, four new sets of building blocks, a transformer and an electric hoist W. J. Schmitt and R. L. Gallaudet, representatives

METAL-ART MINIATURE CO.

Lead figures of Indians, cowboys, soldiers of every country and even a football player dressed in the various officers colors were shown by this Chicago concern. Sets of six retail for 50 cents, $1 and $2. Loose figures retail at 10, 15 and 25 cents. The hollow casting, blown

The New

BABY DIMPLES

A NEW baby doll of Horsman quality. She's all smiles and dimples. Lovable from the tip of her dainty bonnet to the hem of her beautiful baby dress. Just the sort of doll to win the heart of any little girl.

Doll Buyers who appreciate quality and anticipate the great demand which consumer advertising will create are now placing their quantity order.

E. I. HORSMAN INC.
MAKERS OF FINE DOLLS
200 FIFTH AVENUE, NEW YORK

You Want Values!

THE KRAZY ZOO

Elephant, Camel, Zebra and Keeper, made of wood, covered with brightly colored lithographed paper. The heads, arms and legs are interchangeable. Thousands of grotesque and comical characters can be made. Mounted in display box. Box cover in seven colors.

Retail Price $1.50

BUNNY TABLE AND CHAIR SET

Made of hardwood stock. Mortise joints. Finished in SIX colors. Table 24″ long, 15″ wide, 17″ high; Chairs 22″ high, 12″ wide, 12″ deep. Table folds.

Retail Price $5.00 the set

JUMPING JACK RABBIT WHEEL BARROW

Made of hardwood stock. Finished in bright colors. 31″ long, 16″ high, 13″ wide.

Retail Price $1.50

ON DISPLAY DURING SUMMER TOY WEEK —JUNE 9 TO 15

HOTEL McALPIN—ROOM 461

DAVID T. WEINBERG, Representative

TOY DIVISION

MAXCY-BARTON ORGAN COMPANY

Factory
OSHKOSH, WIS.

Permanent Display
MALLERS BLDG., ROOM 1511 CHICAGO, ILL.

Acrobatic Doll Blocks

Interlocking

THE "JO-JO" Constructional Doll combines in one toy all the essentials of both and ADDS balancing and interlocking features which give it a real place among construction toys. No limit to its appeal.

A bright colored character doll having 6 major interlocking and balancing points. Unlimited combinations. Made of compressed fibre. Packed in colorful boxes, retailing at

$1, $2, $3

NOTICE—"Jo-Jo" Interlocking, Balancing Blocks fully covered by patent; all infringers will be prosecuted.

JO-JO TOY COMPANY

510 BATTERY STREET — — SAN FRANCISCO, CALIF.

A Successful Line for Successful Buyers!

ROOM 412

TRADE MARK EEGEE DOLLS MADE IN U.S.A.

FIFTH AVENUE BUILDING
(Gramercy 6072)

Mr. Goldberger and Mr. Berlin will be pleased to show you our new doll line when you visit New York during Summer Toy Week

MAMA DOLLS—BABY DOLLS

Bigger values, prettier costumes, snappier styles—in a word, the line with that extra margin of quality you have been looking for

E. GOLDBERGER (FACTORY) 307 Richardson Street BROOKLYN, NEW YORK

"THE GOOD SCOUT DELIGHT" LINE (patented). HANDCUFFS KIDDYCOP COMBINATIONS. ALL SEASON SHOVELS AND MANY NEW NUMBERS

+ + +

GARDNER SCREW CORPORATION
GARDNER, MASSACHUSETTS

+ + +

CHILDREN'S FIBRE ROCKERS
BASSINETTES
CRADLES
BOUDOIR CHAIRS
WARDROBES
PASTRY SETS
BUILDING BLOCKS
WAGONS
STROLLERS
KITCHEN CABINETS
WOOD CHAIRS AND ROCKERS

Two Complete Lines

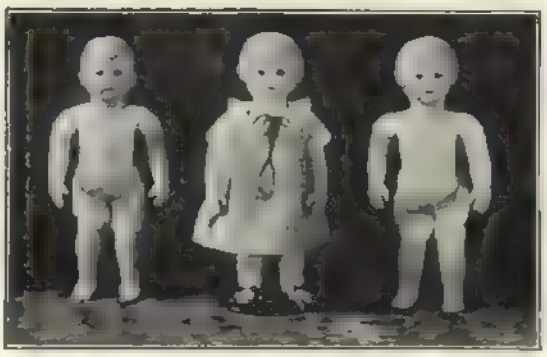
BALDWIN FIBRE CORPORATION
GARDNER MASSACHUSETTS

The Chase STOCKINET DOLL

Supreme Among

QUALITY DOLLS

And Producing a Splendid Margin of Profit for the Country's Leading Retailers

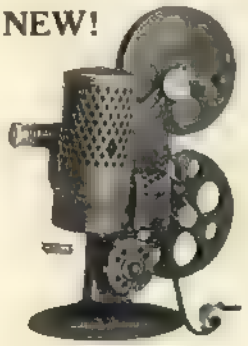


The "Glorified Rag Doll." Made of the finest materials possible to procure by workmen who are master craftsmen. The Chase Stockinet Doll is loved by children everywhere and passes from mother to daughter, to granddaughter, in the manner of other fine old treasures. Best of all, a size to fit each purse.

Write Us Today

M. J. CHASE
PAWTUCKET — — RHODE ISLAND

NEW!



KEYSTONE KINESCOPE
FOR 16 MILLIMETER FILM
$7.50 to $46.50

"FOLLOW THE KEYSTONE LINE"

KEYSTONE HEAVY STEEL TOYS
KEYSTONE MOVIEGRAPH
KEYSTONE KINESCOPE
Regular Standard Gauge Film
16 Millimeter Film
KEYSTONE RADIOPTICAN

KEYSTONE MOVIEGRAPH

KEYSTONE MANUFACTURING COMPANY

288 A St., Boston, Mass.

New York Show Room
200 Fifth Avenue

KEYSTONE RADIOPTICAN

GUND ANIMALS

ARISTOCRATS!

GUND MFG. CO.

J. Swedlin, Inc., Successors

See Them at Our Only Showroom

40-46 W. 20th St.
NEW YORK

G. E. DALTON CO.
San Francisco and Los Angeles Representatives

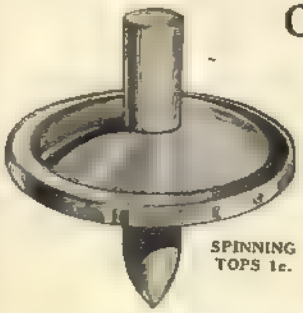
A NEW KIRCHHOF Profit-Maker

GIANT FROG Cricket

(Photograph actual size)

Furnished in assorted lithographed designs, in attractive colors. Can also be furnished in solid enamelled colors—red, blue, green and yellow, assorted, and for Hallowe'en in bright solid orange. Packed 5 gross to a shipping case. Has a deep, unusually resonant sound. Pleasing to youngsters. Has a wide sales appeal.. To retail for 5c.

Other Fast-Selling Kirchhof Toys and Novelties



SPINNING TOPS 1c.

THE NEWEST KIRCHHOF KAZOO. Finished in Beautiful Sanitary Gold Lacquer with 3 keys and screwtop in assorted colors. Sells for 5c. A record breaking all-year seller.

No. 25—DANCE AND CARNIVAL JUMBO RATTLERS. A 10c SELLER.

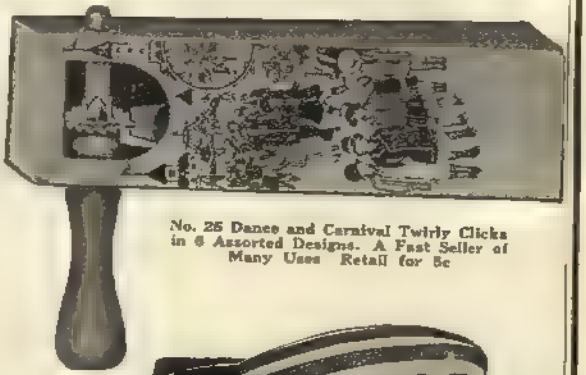
Jobbers

~

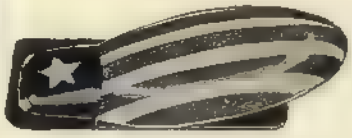
Send for Complete Price List

~

Ask About Our Special Limited Try-Out Assortment



No. 25 Dance and Carnival Twirly Clicks in 6 Assorted Designs. A Fast Seller of Many Uses Retail for 5c



No. 15 Old Glory Crickets in Red, White and Blue for July 4th and All Patriotic Holidays—Also Dance and Carnival Crickets. 1c in 7 Attractive Designs

THE KIRCHHOF PATENT COMPANY

60-64 Union Street Dietze Building Newark, N. J.

SCHOENHUT TOYS

Made in the U. S. A.

Toys with Exceptional Educational Possibilities

Fifty-Eight Years of Toy Making

SCHOENHUT'S TOY PIANOS, LEADER ON THE MARKET FOR 58 YEARS

OUR LINE

Toy Pianos
Toy Piano Players
Toy Piano Stools
Metallophones
Xylophones
Toy Ukuleles
Ukulele-Banjos
Wooden Construction Toys
Auto-Build "5-1"
Train-to-Build
Build-A-Village
Aeroplane Builder
Dirigible Builder
Hollywood Home Builder
Community Store Builder
Little Tot's Building Blocks
Colored Play Blocks
Nested Blocks
Alphies-A.B.C. Blocks
Roller Chimes
Choo-Choo-Push
Stick Horses
Anchor Quoits
Big Game Hunter
Ski-Jumper
Submarine Game
Wooden Pistol Set
Rolly-Dolly Toys
Wooden Sailboats
Kitchen Cabinets
Doll Houses
Doll House Bungalows
Doll House Furniture
Bassinets
Humpty-Dumpty Circus Toys
All-Wood Dolls
Composition Dolls (special)

New Additions to our 1930 line

Look for these new goods at the Toy Fair

NEW LARGE DOLL HOUSES.

FOLDING ROOMS. Furnished or unfurnished. Made to fit together in combination.

DOLL FURNITURE. Various combinations.

Fine line of NOAH'S ARKS.

Unique BOWLING ALLEYS.

TOY MILK and BREAD WAGONS. Very handsome.

SPECIAL 12" COMPOSITION DOLL.

RING-A-PEG. A new game.

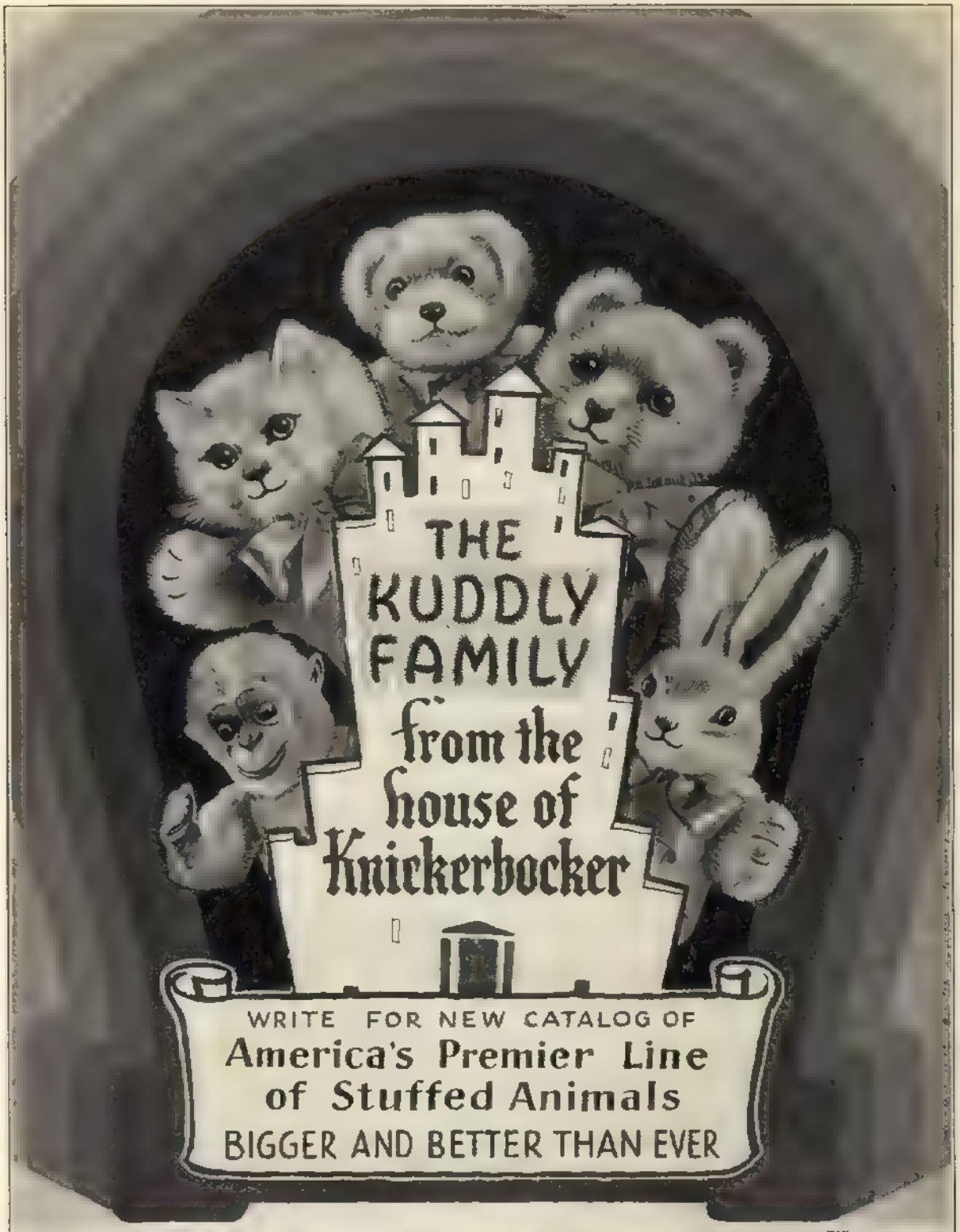
A new large line of NURSERY and KINDERGARTEN TOYS. An entire new innovation of Educational Toys.

NOTICE! *Children's Day, June 31st. Don't forget to make liberal display of Schoenhut's Sail Boats—Roller Chimes—Choo Choo Push—Hooked Rug Sets and many others.*

The A. SCHOENHUT COMPANY

Sole Manufacturers **Established 1872** **Philadelphia, Penna., U. S. A.**

New York Sales Office: 215 Fourth Avenue, New York City


THE KUDDLY FAMILY
from the house of Knickerbocker
WRITE FOR NEW CATALOG OF
America's Premier Line of Stuffed Animals
BIGGER AND BETTER THAN EVER

Knickerbocker Toy Co., Inc.

LEO. L. WEISS, *President* — I. COWEN, *Vice President*

85 FIFTH AVE, NEW YORK, N.Y.

The PARKER GAMES

The most famous and largest selling games in the world

Left to right: Mr. Francis T. Hunter, Vice-President of American Ping-Pong Association, of which the Metropolitan Association is a Branch, presenting cup to Marcus Schussheim, Champion of New York; Mr. E. B. Rose, Exploitation Manager of Parker Brothers, Inc., and Officials of Parker Brothers, at the five day Tournament held recently in New York

The Biggest Ping-Pong Tournament Ever Held

Moving Pictures of the Tournament are now being distributed through the entire country by PATHE and UNIVERSAL NEWS REELS.

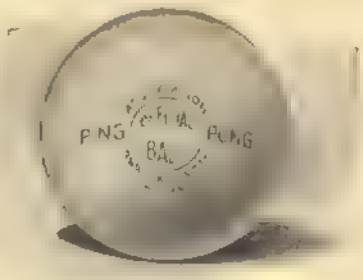
OFFICIAL BALL

Used Exclusively in the Tournament

Send for complete illustrated circular and price list

PARKER BROTHERS, Inc.

Sole Owners and Makers of Ping-Pong



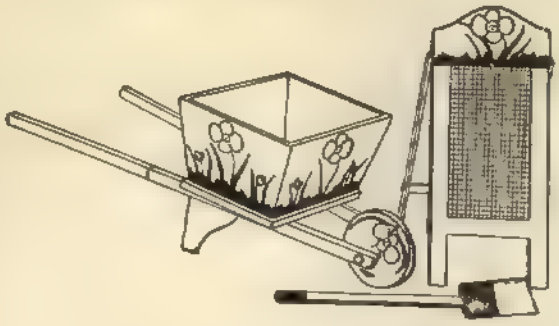
THE NEW OFFICIAL BALL

Adopted by the American Ping-Pong Association and All its Branches. THE ONE PERFECT BALL. Officially approved. Accurate in WEIGHT, MEASURE, RESILIENCY and STRENGTH. Price $14.40 per Gross

PARKER BROTHERS INC.

FLATIRON BUILDING NEW YORK — FACTORIES, SALEM, MASS.

Published monthly at 139 N. Clark St., Chicago, Ill., by Porter, Spofford, Langley Corp. $2.00 a year in U. S. A., $2.50 in Canada; $3.50 in foreign countries. Entered as second class matter, December 21, 1914, at the post office at Chicago, Ill., under the Act of March 3, 1879.



TOY KRAFT

HAND PAINTED WOODEN TOYS FOR THE SUMMER

SAND PAILS . . . WHEELBARROWS . . . PULL TOYS . . . CARTS

UNIQUE IN DESIGN . . . RICH IN COLOR . . . STURDILY BUILT

IDEAL OUTDOOR PLAYTHINGS FOR LITTLE CHILDREN

During Summer Toy Week come and see samples of Toy Kraft's entire line in their New York Showroom

THE TOY KRAFT CO.

Factory and studio: WOOSTER, OHIO

NEW YORK SHOWROOM
Room 417 — 200 5th Ave.

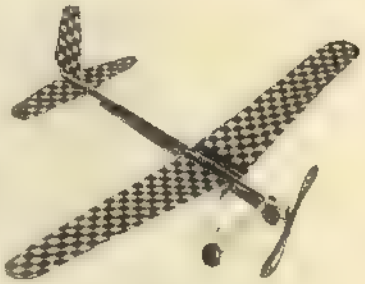
Catalog and other information sent upon request.

Wilder's Lone Eagle Airplanes

FLYING SQUADRON 2.00
Strong Construction
Great Bargain
Five (5) Flying Airplanes for $2.00 That Perform Like the Real Thing!
ALL FIVE (5) FOR $2.00
Wilder Mfg. Co.—Aircraft Model Div.

Will Carry You to New Heights In Profits!

THE natural consumer sales appeal of this line will be intensified during 1930 by a great national advertising campaign (see sample ad using five juvenile magazines with a circulation of over 25,000,000 and a reader circle of 25,000,000. **Cash in on this campaign.** The boys in your city will want Wilder *LONE EAGLE* planes.



Lone Eagle Airplanes break all endurance records! The non-breakable wings and special construction keeps them in the air. *Popular priced: 5c to $1.00.*

Summer Toy Week—June 9th to 14th
Fifth Ave. Bldg. — Ad. J. Saxe, V.-P., in charge

San Francisco Repr.:
McClellan & Sidebottom
833 Market Street

New York Repr
Ad. J. Saxe, Vice-P.
Fifth Ave. Bldg

Aircraft Model Division

WILDER MANUFACTURING CO.

701-7 No. Main St., St. Louis, Mo.

DOLLS

Over 300 Numbers

And Everyone A Seller

This is the line for buyers who like to see plenty of Variety before making their selections. But we offer you **more** than just Variety—each of our more than 300 numbers has a reason for its existence—it's a real seller and a moneymaker. Let us show you the Dolls you want at prices that assure more than the usual profit margin Drop in to see us—or write for samples.

PLAN NOW TO CALL AT OUR SHOWROOM DURING SUMMER TOY WEEK—
JUNE 9TH TO 15TH

REISMAN, BARRON & CO.

200 FIFTH AVE. NEW YORK

1870 to 1930—And Selling Better Than Ever!

M. REDGRAVE'S NEW IMPROVED ORIGINAL

PARLOR BAGATELLE

Made in Seven Sizes

Pegatelle

Redgrave's Bagatelle is one of the few games that you played as a boy that continues to keep pace with today's best selling games. It is as necessary to the game department as sugar and coffee to the grocery store. Each game is individually packed in eye-catching display boxes and retails at prices well within the reach of everybody.

And an Entirely New Game Hit

"PEGATELLE"

To Retail at $3.00

Here is a new hilarious fun producer consisting of a large red, white and blue clown with an opening in his throat to admit balls skilfully tossed by the players. A series of wooden pegs down the entire front of the figure introduces the element of chance in determining the amount scored. Any number can play. Packed in individual display boxes.

Look Us Up When in New York During June Toy Week.

M. Redgrave's Bagatelle Co.

Mfrs. of Original Bagatelle Since 1870

5 Lienau Place Jersey City, N. J.

Cash in on the "Outboard" Craze

Outboard motorboating has taken the country by storm. And here's the toy for tying in. The Liberty No. 10 Sea Scooter —speedy, powerful, brightly-colored, a replica of a modern outboard craft.

Rush through your order for No. 10's now. You'll be surprised to see how easily public interest can be turned into summer toy boat sales. . . . And warm weather profits.

Liberty Playthings, Inc., Niagara Falls, New York

Liberty Playboats

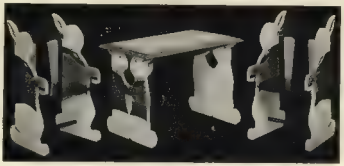
Display Cards for Your Counter and Windows

New window-counter card sent free with each dozen No. 10's. Holds model of Sea-Scooter in realistic racing pose. A real silent salesman!

Liberty Playthings can also be seen at New York Office, 106 Reade St., Mr. Charles G. Street; Chicago Office, 312 South Clark St., Mr. J. F. Bridges, or at Strobel Wilkin Co., 7 E. 17th St., New York

THE KRAZY ZOO

THE KRAZY ZOO—Elephant, Camel, Zebra and Keeper, made of wood, covered with brightly colored lithographed paper. The heads, arms and legs are interchangeable. Thousands of grotesque and comical characters can be made. Mounted in display box. Box cover in seven colors. **Retail Price $1.50.**



BUNNY TABLE AND CHAIR SET

Made of hardwood stock. Mortise joints. Finished in SIX colors. Table 24″ long, 15″ wide, 17″ high; Chairs 22″ high, 12″ wide, 12″ deep. Table folds.

Retail Price $5.00 the set

Send for Catalogue

Toy Division, MAXCY-BARTON ORGAN COMPANY

Factory
OSHKOSH, WIS.

Permanent Display Room
1511 MALLERS BLDG., CHICAGO, ILL.

Lincoln Bricks Can Now Be Used with Construction Toys

During the Chicago Toy Fair Marshall Field & Company had a special display of toys. This coincided with their regular Spring vacation exhibit which has been conducted for many years. Among the items featured were Lincoln Logs and Lincoln Bricks as shown in the illustration herewith. This was the first showing of the new log and brick display racks which have been specially designed for counter use as they occupy only a small space on the counter and bring the various models to the height of the customers' eyes making them more conspicuous than if they were simply displayed on the counter.

Two additional uses have already been discovered for Lincoln Bricks during the short time they have been on the market. One is in connection with steel construction toys as illustrated herewith. This follows out the same plan used in modern skyscraper construction; that is, the steel framework is made first and the brick and stone work filled in later.

Another use is for making toy furniture. The same mortar which is used for fastening the bricks when building houses and walls is used to fasten them together in making the furniture. The mortar holds the bricks together securely but, if desired, they may be broken apart and placed in warm water which quickly dissolves the mortar, making the bricks available for further building operations.

J. L. Wright, Inc., who have originated both Lincoln Logs and Lincoln Bricks are now working on a set of logs and bricks combined in one package which will make possible even more extensive building operations than heretofore. The bricks are made of wood, covered with a waterproof paint so that no damage results when the mortar is washed off.

The home office of J. L. Wright, Inc., is now located at the west end of the 14th floor of the new Merchandise Mart in room 1443.

The sets were originally intended to make up cabins duplicating those in which Abraham Lincoln lived, but have expanded so that now a large number of toy items can be made. Some of these are corn cribs, fences, barns, bridges, light houses, log chairs, boats, etc. Non-toy items include waste baskets, plant hanging baskets, office desk stands and envelope holders and bird houses.

Showing how Lincoln Bricks make toy furniture

New display rack for Lincoln Logs and Bricks as it appeared in Marshall Field's toy department, Chicago

The Sturdy Corporation Takes Over Sturditoys

It was announced at Providence, Rhode Island, on May 23 that a new corporation had been formed to take over the manufacture of 'Sturditoys,' formerly made in Pawtucket, and "Prairie" Window Ventilators, made in Providence. The new corporation has also announced to the trade a radical decrease in the Sturditoy price schedule with new prices averaging about one-half previous quotations.

Sturditoys have been known for several years in the toy trade broadly and favorably for their rugged construction and realism. Their previous price range has been from $5 to $16. Their higher priced numbers include an American-LaFrance Water Tower—a most realistic reproduction of the original American-LaFrance fire-fighting apparatus and an extremely popular number in the line.

The new corporation will also engage in the manufacture and distribution of 'Prairie' Window Ventilators, which have been known for some years. The facilities and resources possessed by the new corporation are such as to make practical new manufacturing and distribution methods, which in turn account for the new price levels at which Sturditoys are to be sold.

Among the officials of the Sturdy Corporation is C. I. Bigney, president and director of the C. I. Bigney Construction Co. of Providence, director of the Apco Mossberg Corp. of Attleboro, Massachusetts treasurer and director of the California Housing Corp. of Rhode Island and former treasurer of the Prairie Window Ventilator Corp. Mr. Bigney is vice-president of the Sturdy Corporation.

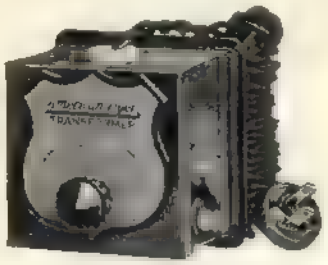
The Sturdy Corporation's secretary treasurer is Alexander R. Fritz, formerly vice president and general manager of the Lester W. Flint Oil Co. of Providence. The president is Victor C. Wetzel, former president and general manager of the Prairie Window Ventilator Corp.

Sturditoys will be exhibited at the New York Toy Show, June 9 to 14, in Suites 401 and 403, McAlpin Hotel, New York City. The complete line of Sturditoys, numbering more than fifteen models, will be exhibited, including their new models and new features.

New "Dyaltype" Transformers Introduce Many Distinctive Features

The American Flyer Manufacturing Co., Chicago, has originated a new type of transformers which operate similar to the turning knobs of a radio. The arrow on the dial knob points directly on the chart to the voltage that the transformer is giving. The speeds can be changed much easier than on the old fashioned switch lever transformers.

Incorporated in this design is the original American Flyer development of "fractional volt steps" by which it is pos-



sible to govern the operation of a train without the necessity of a rheostat. The taps or contacts, which on other types of transformers have always been exposed making them subject to a short circuit, are completely concealed. With the "Dyaltype," the contact points are actually pushed against each other rather than pulled away. This eliminates the possibility of a faulty or insecure electrical contact. They are approved and conform to all requirements of the National Board of Underwriters.

While especially made to operate American Flyer trains, they are equally as good in the operation of other toys. They are guaranteed to deliver full rated capacity, and will easily stand 25 per cent overload.

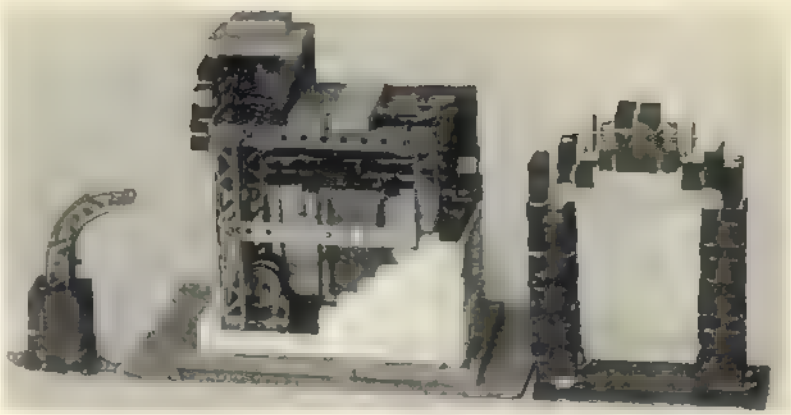
The assortment of transformers American Flyer offers comprises a line from the smallest to the largest, and in all ranges of voltages and cycles. There is no reason for using a transformer other than a "Dyaltype" American Flyer with American Flyer trains.

New Empire Miniature Electric Range That Sells in the Dollar Class

This new model brings Empire Miniature Electric Ranges within the reach of every little girl. It has an oven for baking—a shelf for cooking. And the patented Empire heating unit provides plenty of heat to boil water or do many types of cooking.

The stove is sturdily constructed and

Empire Electric Range



Showing how Lincoln Blocks can be used with construction toys

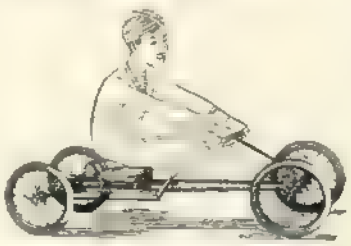
attractively finished with curved legs and white panels. Furnished with three cooking utensils.

They are made by the Metal Ware Corporation, Two Rivers, Wisconsin.

Two Popular New "Fairy" Vehicles

The 1930 Colson catalog of "Fairy" Children's Vehicles includes two new models that are proving decided favorites with younger open-air enthusiasts.

First is the "Fairy" Sport Racer which is claimed to be the world's speediest wheel toy. It is propelled by a hand-operated strap attached to an over-running clutch mounted on the rear axle. Steering is by foot pedals on the front axle. Propelling mechanism is equipped with ball bearings. Standard finish includes a willow green frame and axles with red wheels. An optional finish is red baked-on enamel.



Colson Sport Racer

Next comes the Fairy Chain Driven Velocipede. Its frame is of ¾-inch steel tubing with hand-brazed joints. Wide mud guard is held securely in position by steel braces. Sprockets are completely enclosed. All bright metal parts are finished in extra heavy nickel plate. Handle bar has rubber grips and is provided with a nickel plated bell. Standard finish is willow green with red wheels. Optional finish is a rich wine.

"Fairy" Chain-Driven Velocipede

Both finishes for these new "Fairy" models are beautifully striped with contrasting colors.

The mechanical perfection and beautiful colors of these and other "Fairy" outdoor pals are a constant source of delight. Style means much to modern boys and girls and, when combined with the added charm of durability, it appeals instantly to both parent and child.

New Sand Box Developed by Playskool

Playskool Institute of Milwaukee is offering a new, colorful sand box, built along scientific lines, and suitable for use either indoors or out.

"Playskool Sandie," as it is called, was designed as an educational product to aid in the child's pre-school training. It includes colored blocks and pegs in the shape of trees and houses, to be used in the sand. A cover, which comes with the sand box, converts it into a writing table or desk.

This product is finished with light green enamel and is easily kept clean. Sturdy, well braced legs are bolted on and the box is constructed so that it cannot leak.

Playskool Sandie

WOOLNOUGH

WIRE HAIRED TERRIERS, FOX AND SEALYHAM CHOWS POLICE AIRDALES TOWZERS ST BERNARDS CATS COWS HORSES DONKEYS RABBITS MONKEYS ELEPHANTS TEDDY BEARS

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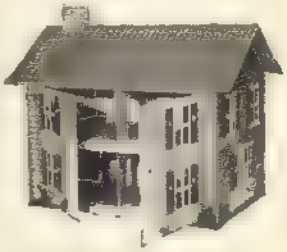
For 99c and Up Retailers

A beautiful and appealing toy sturdily constructed of heavy fibre board—handsomely decorated in realistic style, with green shrubs and shutters white window frames and red tile roof. Stock this fast selling toy by ordering now, or write for samples, prices and further information.



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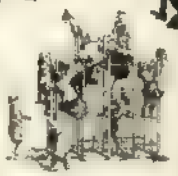

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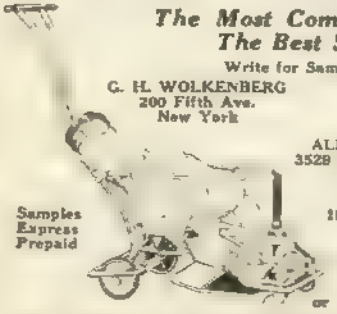

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will widen your scope of selling because it has all the essentials of good appearance—the size—the finish and richness of color to which we add the eye appeal of scintillating jewels, and this addition is that last bit of finish to make a perfect whole.

Patented 1929 By ROHDE-SPENCER COMPANY

JEWELED FOUNTAIN PENS are an over-sized model, well balanced, nicely finished barrels with Solid Gold Nibs, Iridium pointed, Medium fine smooth writer, Golden trimming—Ball pointed clip, embedded bands and spring self-filler lever. The Synthetic Jewels are set above the clip in an artistic engraved design traced in White; attractive, yet neat and pretty. **Ladies' Model** with Ring in End.

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Toy Models of World Famous Air Planes

"Build-it-Yourself" Construction Sets; A Mechanical Revelation for the Air Minded Boy

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VEGA EXPRESS AIROPLANE, toy model Spread of wings 14 in Made of metal throughout, "Build it Yourself" construction set. Beautifully painted. An exact reproduction in the miniature of this famous world's Express Airoplane. Furnished as a Pull Toy or fitted with Gyro motor, which when wound will run this little Airoplane for a distance on the floor. These models are not made to fly. They are so beautiful in general outline and finish that they will delight the heart of any lad and furnish an unlimited amount of interesting study in the act of putting these airplanes together. Each model comes apart carefully packed in carton with instructions of building it.

No. 5511 VEGA as Pull Toy Doz	8.00	Each	.70
No. 5512 VEGA fitted with Gyromotor. Doz	12.00	Each	1.10

"CURTIS ROBIN" AIROPLANE, Spread of wings 25 in Made entirely of metal, and painted in beautiful colors. This is a "Build it Yourself" construction set and an exact copy in miniature of the **"CURTIS ROBIN"** duration plane, and complete in every detail of parts and finish. Each plane is put up in carton with instruction chart of how to assemble. Furnishes a wonderful construction lesson to the lad who is "air minded" in that it shows the various parts with names and in the manner that they are put together. As a gift proposition for merchants who handle supplies for young lads, it would be a wonderful business pulling idea. Furnished as Pull Toy and with Gyromotor, not made to fly.

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Throws Penetrating Beam of WHITE Light. A Push on Button Gives RED or GREEN Light.

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Fits in Pocket — Light in Weight—Has ADJUSTABLE STRAP—Hangs Anywhere.

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Finished in BLACK, RED, BLUE or GREEN.

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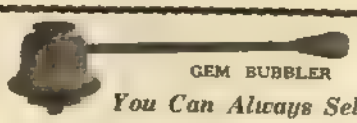

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4 Numbers: 5c., 10c., 10c., and 25c.

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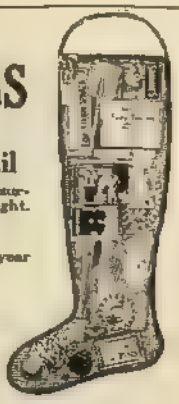

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BIG-BANG

is dedicated to the right of all boys to celebrate the Birth of the Nation, and other events, in safety . . . and still enjoy the glamour without which a celebration is only half a celebration.

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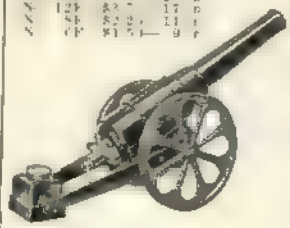

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No gunpowder
No matches

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Instant appeal in displays of

BIG-BANG

Put half a dozen No 10F Cannon in your window, flank them with a showing of other BIG-BANG models and watch them coax customers into your store. Little boys . . . big boys . . . grown-up "boys" . . . from six to sixty . . . are drawn to BIG-BANG like steel to a magnet.

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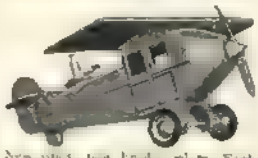

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Fast-Selling, Long-Spinning

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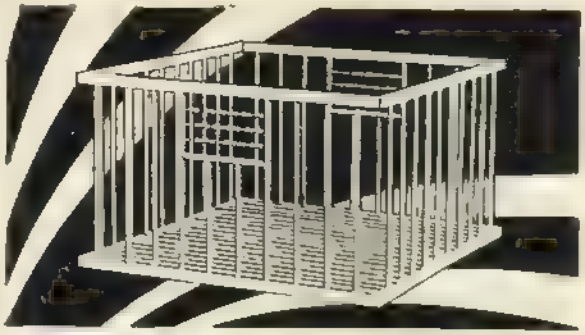


Profit by MASON

THE Mason Play Yard, like many other items in your stock, is a modern improvement of an old idea. But if you have ever worked with the Mason name behind a product you will know what it means . . . sturdy construction . . . beautiful finish . . . practical design . . . excellent profit.

The Mason No. 648 Child's Play Yard is 24″ high by 40½″ square. The platform of slats folds up neatly inside when the frame is collapsed. Two finishes, equally attractive and colorful, are obtainable—either a restful green, which is suggested for outdoor use, or a rich ivory that harmonizes well with all furnishings. The beads, set in on two sides, are of various colors, stimulating to the child's imagination.

Packed one in a carton and priced to retail at about $8.00.

. . . this is only one of the many items in the 1930 Mason line. Write for your copy of our new illustrated catalog.

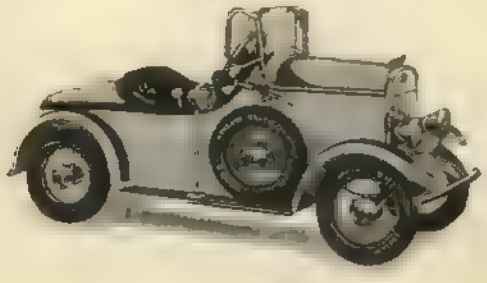
THE MASON MANUFACTURING COMPANY

South Paris, Maine

New York Show Rooms 200 Fifth Avenue

The Toledo Metal Wheel Company takes great pleasure in announcing that Mr. Mark Harris will have charge of their Eastern office at 215 Fourth Avenue, New York.

Mr. Harris will enjoy welcoming his friends to his new office where a complete sample line of Blue Streak Children's Vehicles is on display.



653-P

The TOLEDO METAL WHEEL CO.

Toledo, Ohio

"DISTINCTIVE CHILDREN'S VEHICLES SINCE 1887"

new improved
FIVE FIFTEEN
LIMITED
ELECTRIC TRAIN

Unprecedented in Electric Train history—and at a price the lowest ever made in America. Fully guaranteed.

SEE US AT CHICAGO TOY FAIR
ROOM 740—PALMER HOUSE

LITTLE DYNAMO

Equally phenomenal in price and performance. Fully guaranteed.

Write for catalogue.

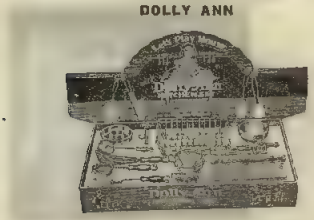
No. 521 TRANSFORMER

HENRY KATZ & CO., Inc.
manufacturers
215 FOURTH AVE. NEW YORK

Start your letter right: "I saw your ad in PLAYTHINGS."

ANDROCK KITCHEN SETS

DOLLY ANN



Contents: 1 egg beater, 1 rolling pin, 1 cake turner, 1 pastry board, 1 man cookie cutter, 1 tea strainer, 1 bowl, 1 colander, strainer, 1 ring mold, 1 batter beater, 1 dish mop, 1 dish drainer, 1 cook book.

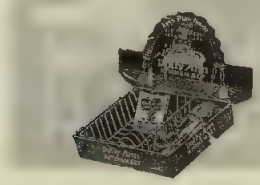
NO.	Lbs. Doz.	DOZEN
11	24	$28.00

One-half dozen in a carton.

Contents: 1 spoon, 1 egg beater, 1 cake turner, 1 tea strainer, 1 bowl strainer, 1 spatula, 1 masher, 1 cook book.

NO.	Lbs. Doz.	DOZEN
8	22	$14.75

One-half dozen in a carton.

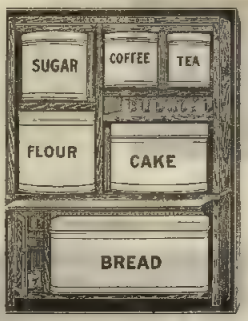


Contents: 1 dish mop, 1 vegetable brush, 1 dish drainer, 1 cook book.

NO.	Lbs. Doz.	DOZEN
4	9	$7.00

One dozen in a carton.

PANTRY SETS



Child's Play Empeco

consists of:—Tea canister, size 1x1⅞ in. coffee canister, size 1⅞x1⅞ in. Sugar box, 1⅝x1¾ in. Flour box, 2⅞x2⅞ in. cake box, size 2½x1¾ in. bread box, 2½x4x2 in.

NO.	Wt. lb Doz.	DOZEN
2	12	$6.60

Each set is packed in an individual display carton.

TOY WAFFLE IRONS

Cast iron, wood handles. Really bakes waffles.

NO.	Diam. In.	Ht. In.	lb Doz.	DOZEN
8	3¾	1	25	$8.40

G DOLL FURNITURE

DOLL BASSINETTES

Play-Maid

Steel framed, with steel link fabric spring, steel disc wheels and steel axles, assorted colors, Ivory, Pink, Green or light blue.

NO.	Color	Size In.	Lb. Ea.	DOZEN
100I	Ivory	14x26	150	$63.00
100P	Pink	14x26	150	63.00
100G	Green	14x26	150	63.00
100B	Lt., Blue	14x26	150	63.00

Hardwood throughout. Cretonne mattress. Assembled with screws. Finished in blue, pink and ivory. Pads are extra.

NO.	Color	Size In.	DOZEN
103B	Blue	15x27½	$55.00
103P	Pink	15x27½	55.00
103W	Ivory	15x27½	55.00

Attractively finished in ivory, pink or green enamel with decorated panels in ends and sides. Equipped with 6 inch rubber tire wheels. Furnished with cotton felt mattress.

NO.	Size In.	Lbs. Ea.	EACH
106M	26x15x22	10	$3.65

One-half dozen in a crate.

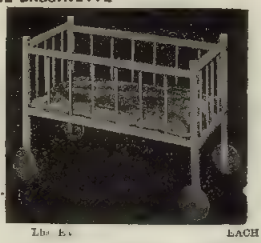
DROP-SIDE DOLL BASSINETTES

Attractive bow-end bassinette finished in ivory, pink or green with decorated panels in ends and sides. Equipped with improved kickplate and 6-inch rubber tire wheels. Furnished with cotton felt mattress.

NO.	Size In.	Lbs. Ea.	EACH
102M	27½x15x22	10	$3.95

One-half dozen in a crate.

DOLL BASSINETTE

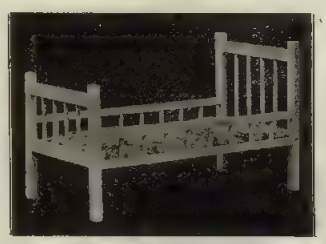


Beautifully finished in ivory enamel and equipped with blue disc wheels. Furnished with cotton felt mattress.

NO.	Size In.	Lbs. Ea.	EACH
818	18x12x17	4	$1.50

Packed one dozen in a crate knocked down.

DOLL BEDS



Hardwood throughout. Cretonne mattress. Assembled with screws. Finished in blue, pink and ivory. Pads extra.

NO.	Color	Size In.	DOZEN
102B	Blue	15x27½	$47.00
102P	Pink	15x27½	47.00
102W	Ivory	15x27½	47.00

CRADLE

Reed, finished in pink, blue an ivory.

NO.	Color	Size In.	DOZEN
500P	Pink	7 x18	$21.00
500B	Blue	7 x18	21.00
500I	Ivory	7 x18	21.00
501P	Pink	8½x12	31.50
501B	Blue	8½x12	31.50
501I	Ivory	8½x12	31.50

ROLY RIDERS

The Season's Big Hit—a New Safe Riding Toy

There are four different Roly Rider models, Rocket, Horse, Jack Rabbit and Coach, selling at only $4.75 each. Wingy Bird, especially attractive at the set's price, $5.75.

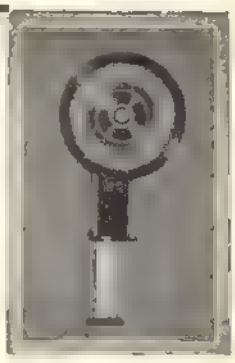
The bright colors of Roly Riders are sure to attract the children to the counter and your sales. New [illegible] Any child can operate the Roly Rider seat and will want one. It's especially new and thrilling motion like the canter of a pony or the swooping of an airplane. It delights the youngster [illegible] parents, as they see at once that it is a SAFE toy. The Roly Rider seat [illegible] the child can move it easily, but [illegible] there is no danger of the swing rocking. The Roly Rider is light, easy to move, and [illegible] Write today for circular, prices and dealer's terms. Address Dept. 100, Janesville, Wisconsin. Roly Riders are a product of the Spring Swing Toys.

See to it that you have Roly Riders in stock. We have inquiries for them coming from all parts of the U. S., and we send customers to many dealers. Write for circular, prices and dealer's terms. Distributors wanted

JANESVILLE PRODUCTS CO.
Dept. 100, Janesville, Wisconsin

Factory Sales Representatives
OSCAR R. SEITZ, 200 Fifth Ave., New York City

We are the makers of the famous Janesville Ball Bearing Coaster Wagons, both wood and steel bodies. This is the world's finest product of its kind. We have attractive terms to distributors in unoccupied territory.



Don't Miss Our Doll House
Furniture and Miniature Novelties

Individual pieces and in sets, perfectly manufactured, faithful in detail, with dark mahogany finish. Not only quick selling toys, but also distinctive and useful as favors. These numbers range from 85c to $17.80 a dozen. Chairs, gate-leg tables, clocks, cabinets and even cushioned and over-stuffed furniture. Also bedroom pieces can be had in pastel shades.

Our metal novelties and miniature electrical doll house novelties are positively unique and sure to make profits for you.

Complete Lines of Hallowe'en, Thanksgiving and Christmas Novelties Now on Display

When in New York come in and see us or write for catalog

E. L. SOMMERS & CO., Inc.
915 BROADWAY, NEW YORK
Corner 21st Street

Christmas Stockings
Santa Claus Bags

Filled With Toys

G. E. M. LINE
IS ALWAYS DEPENDABLE

Bright colored worth-while toys of exceptional values make G. E. M. line the most popular on the market. Sizes 10c to $5.00 each.

GEO. E. MOUSLEY, INC.
502-04-06 Ranstead Street
PHILADELPHIA, PA.

"JUNE FAIR"—Room 461, Fifth Avenue Building

THE STAGE IS SET
Flash the Orchestra!

No. 902—$1.00 Retailer
No. 902A*—$1.50 Retailer

Then raise the cover on this newest

ARTISTAMP

production. The setting is an alluringly colored platform depicting graphically the possibilities of these sets. The platform and box label were evolved by Artrio and surpass anything on the market.

No. 932—$1.00 Retailer
No. 932A*—$1.50 Retailer

There's a void in your lineup if these sets are missing. Try a dozen assorted—the discount is 40%.

The A sets contain a Sign Writer in addition to the picture stamps

FULTON SPECIALTY COMPANY

200 Fifth Avenue, New York, N. Y. **Elizabeth, N. J.**

TOY ELECTRIC IRONS

Cold rolled steel base, stamped steel top, nickel plated; steel handle frame, with wood handle. Heating unit distributes the heat evenly over the ironing surface. Complete with 53 inches cord and attachment plug. Size face 4x2⅝ inches.

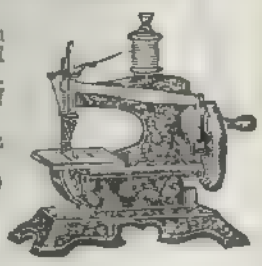
Per Doz

No. M800—Voltage 110; wattage 60; wt each 1 lb..... $28 50

One in cardboard box.

TOY SEWING MACHINES

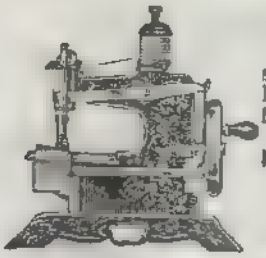
Black enameled metal body with floral lithographed design; polished nickel wheels; operated by hand. Complete with handle and spool of thread.



Per Doz

No. M45—Height 7 ins; width 6 ins; depth 3½ ins..... $39 00

One in cardboard box; wt per doz 18 lbs.



Black enameled metal, with gold scroll decorations. Complete with handle, spool of thread and clamp for fastening to table.

Per Doz

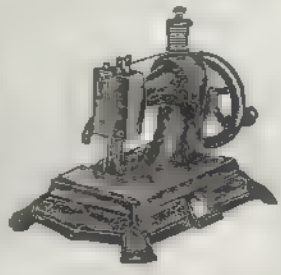
No. M50—Height 7¾ ins; width 7 inches..... $72 00

One in cardboard box; wt per doz 24 lbs.

Black enameled body decorated with lithographed designs, nickel trimmings. Operates with hand by turning wheel. All mechanism is entirely closed.

Sews short or long chain stitches and will sew perfectly on any material whether thick or thin.

Complete with oil can, screw driver, hemmer, gauge, spool of thread and three extra needles.



Per Doz

No. M60—Height 8 ins, length 9½ ins..... $156 00

One in carton; wt per doz 108 lbs.

SEWING SETS

KIDDY

Consists of 8 assorted color skeins, 1 pair of hoops, 2 doilies, 1 thimble and 1 needle.

Per Doz Sets

No. 1—Wt doz sets 3 lbs..... $6 30

One set in attractive box.

SEWING SETS

D 7

LITTLE GIRL

Consists of 12 assorted color skeins, 1 pair hoops, 4 doilies, 1 thimble and 1 needle

Per Doz Sets

No. 2—Wt doz sets 6 lbs..... $12 75

One set in attractive box.

CROCHET AND SEWING SETS

Set consists of 1 pair of embroidery hoops, thimble, 1 package of gold eyed needles, four spools of embroidery thread, 1 pair scissors, 8 skeins of floss, and 4 stamped doilies.

Per Doz Sets

No. 23—Size box 15¼x 12¼x1⅞ ins deep..... $24 00

One set in cardboard display box; wt per doz 9 lbs.

SAND PAILS AND SHOVELS

One piece galvanized steel shovel and pail with wide band bail. Assorted red, blue and orange.

Per Doz

No. M69—Height 4½ ins; diam 4¼ ins $2 40

One doz in pkg; wt per doz 2½ lbs.

One piece galvanized steel shovel and pail with wide band bail. Assorted colors: red, blue and orange.

Per Doz

No. M73—Height 5¼ ins; diam 5¼ ins $4 05

One doz in pkg; wt per doz 4½ lbs.

Heavy tin shovel and pail with heavy wire bail. Enameled outside, gold lacquer inside.

Per Doz

No. M114—Height 5 ins; diam 5⅛ ins. $6 30

Four doz in carton; wt per doz 6 lbs.

SAND SETS

Set consists of one decorated sand pail, one all-metal shovel, lacquer finish and two sand moulds, size 4⅛x5½ inches.

Per Doz

No. 82—Wt per doz sets 21 lbs..... $12 75

One set in cardboard box; 12 sets in carton.

SPRINKLING CANS

Body red outside, gilt lacquer inside. Gilt spout; handles and bail soldered to body.

	Per Doz
No. M11—Capacity 1 qt; depth 4¾ ins; diam 4 ins	$6 75

One doz in carton; wt per doz 6½ lbs.

AUTOMATIC SAND TOYS

SANDY ANDY SEE SAW

Sheet steel; decorated with silhouette designs. When hopper is filled with sand the "See-Saw" will dump it automatically into the can as long as there is sand in the hopper. Furnished with sand scoop and can of white sand. The carton opens flat forming a tray.

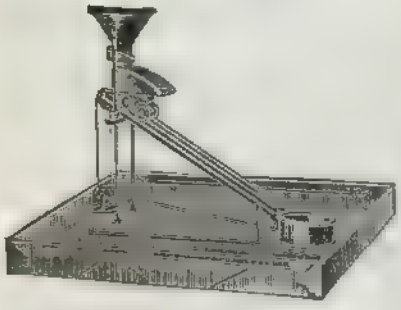
	Per Doz
No. 61—Height set up 9⅛ ins	$12 75

One in cardboard box; wt per doz 12 lbs.

SANDY ANDY

Sheet steel; decorated in attractive colors. Sand is poured into the hopper, the car travels up and down the incline automatically, dumping the sand, and remains in motion as long as there is sand in the hopper.

Complete sand scoop and can of white sand.

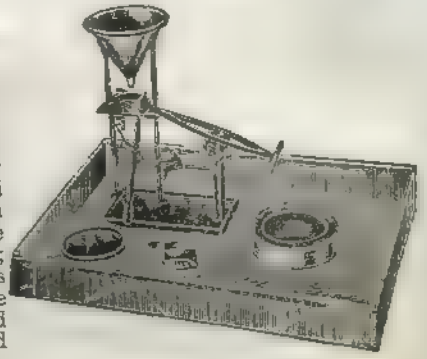


Nos.	60	76	101
Height set up, ins	12	13½	17½
Wt per doz, lbs	22	27	40
Per Doz	$18 45	27 00	33 00

One in carton.

SANDY ANDY SAND CRANE

Sheet steel; decorated in attractive colors. When the hopper is filled with sand and the toy is started the shovel arm swings around in a semi-circle, the engineer swings in his seat and with a life like pull on the cord dumping the sand into the tray; continuing as long as sand remains in the hopper. Furnished with sand scoop and can of white sand.



	Per Doz
No. 104—Height set up, 14½ ins	$33 00

One-twelfth doz in carton; wt per doz 58 lbs

AUTOMATIC SAND TOYS

SANDY ANDY, MERRY MILLER

Heavy gauge sheet steel enameled in attractive bright colors.

Roof raises and the sand is poured in this, causing mill wheel to turn while the miller and his dog move back and forth trying to get into the house. Furnished with can of white sand.

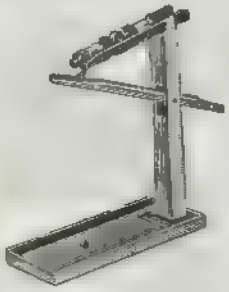
	Per Doz
No. 77—Height over all 12 ins	$25 50

One in cardboard display box; wt per doz 15 lbs.

AUTOMATIC MARBLE TOYS

SANDY ANDY "BIZZY ANDY JUNIOR"

Sheet steel; decorated in attractive colors. The action is quick and continues to operate as long as there are marbles in the chute.



	Per Doz
No. 58—Height set up 7 ins; furnished with 8 marbles	$6 45

One in carton; wt per doz 5 lbs.

SANDY ANDY BIZZY ANDY TRIP HAMMER

Sheet steel, decorated in attractive colors. When marbles are placed in the chute it will start the busy hammer pounding away on the anvil.

	Per Doz
No. 56—Height of toy set up, 10½ ins; furnished with six marbles	$12 75

One in carton; wt per doz 14 lbs.

SANDY ANDY PANAMA PILE DRIVER

Sheet steel, decorated in attractive colors.

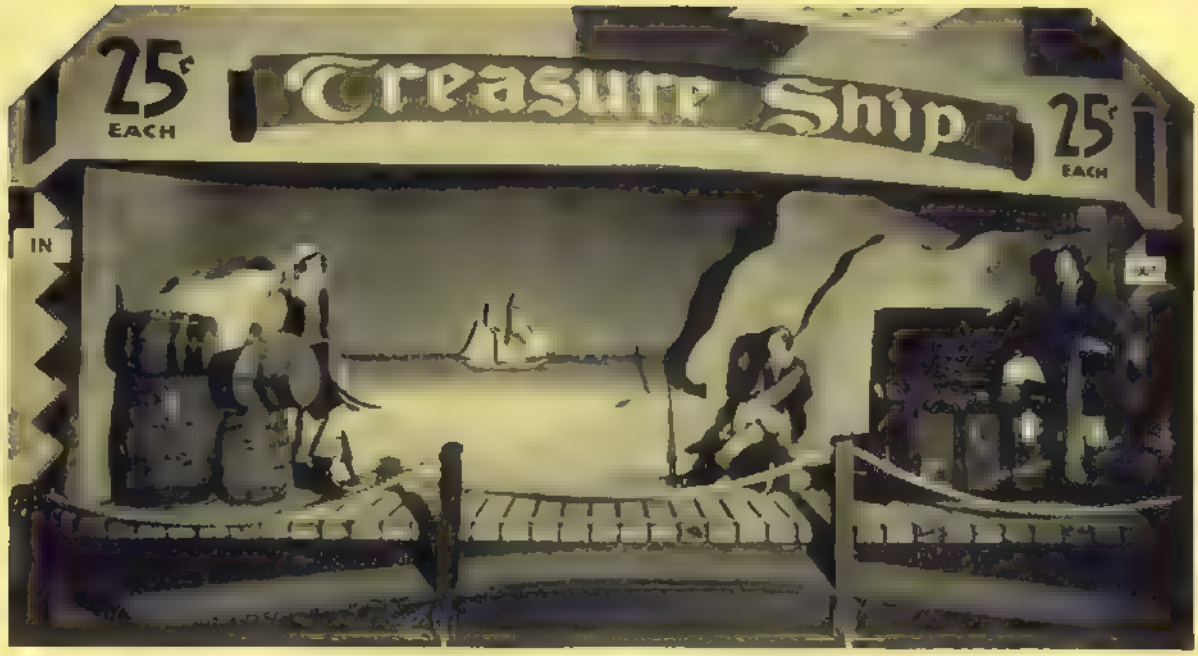
Operates automatically by the weight of 12 steel marbles. The hammer moves up and down and the engineer rides up and down the track as long as there are marbles in the chute to keep it in motion.

	Per Doz
No. 54—Height of toy set up 16¾ ins; furnished with 8 marbles	$32 25

One in carton; wt per doz 28 lbs.

THE EMPORIUM, SAN FRANCISCO

That a touch of humor helps immensely to gain attention for a display was demonstrated very effectively by this toy window, one of a series installed by the Emporium, 835 Market Street, San Francisco. The center piece was a comic little figure with baggy "Charley Chaplin" suit. Its neck contracted and expanded in astonishing Jack-in-the-Box fashion and the accompanying jingle bemoaned his sad state in the language of Mother Goose



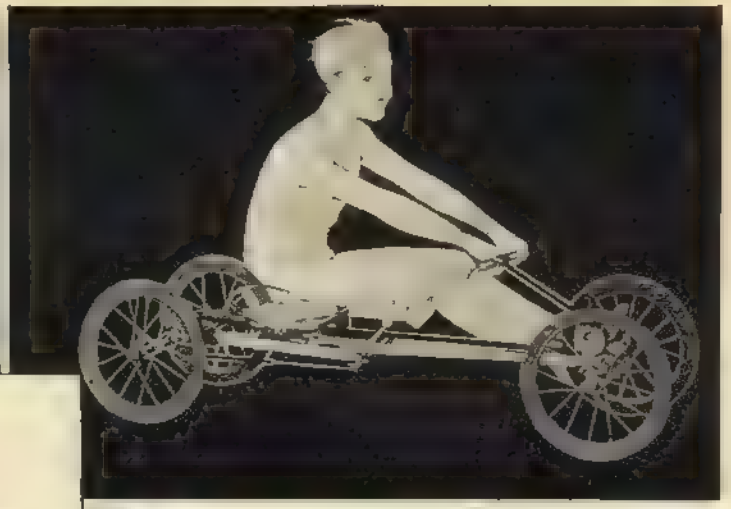
Robert Simpson & Co., Ltd., Toronto, Canada, give little visitors the chance to "walk the plank" and find out what a treasure ship really looks like. See the story in this issue

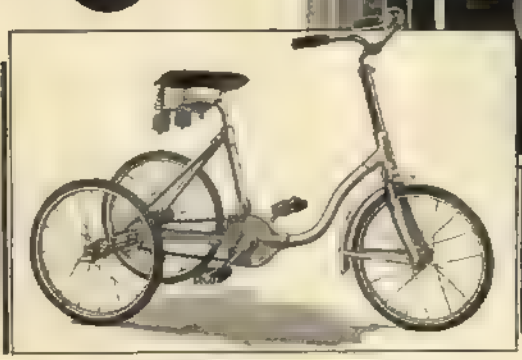
Where Santa held court at Simpson's in Toronto. A beautiful setting for the King of Toys. Note how cleverly the "houses" resemble faces and how they are lighted up by the "block" chandelier

Down the Aisle of Dolls at Robert Simpson & Co., Ltd. Color pictures and prose decorate the walls and the pillars are ornate and curious. This picture was taken of the Christmas Toy Town

Virtuous paths are narrow, but it must be admitted that the wide, long, straight aisles at Simpson's are ideal for the toy department that can afford the space

Fairy





The *Fairy Sport Racer*, illustrated above, is the world's speediest wheel toy. If you are not stocking this fast selling number, investigate it at once.

At the left is shown the *Fairy Chain-Driven Velocipede*. It is an exceptionally fine, quality vehicle in which to interest the younger outdoor enthusiast.

"De Luxe Flyer" Motor Bike
Model No. B-928

Speed Bike for Girls
Model No. 31

Baby Bike
Model No. 41

Coaster Brake Discooter
Model No. 19

Offers a *Distinctive* Vehicle to *Every* Boy and Girl

THE mechanical perfection and beautiful colors of "Fairy" Children's Vehicles are a constant source of delight. Style means much to modern boys and girls and, when combined with the added charm of durability, it appeals instantly to both parent and child.

The great range of the "Fairy" line enables a dealer to satisfy the most discriminating buyer — pleasing every purse and preference. Write for our attractive new 1930 "Fairy" Catalog.

THE COLSON COMPANY

ELYRIA, OHIO, U. S. A.

Distributing Warehouses and Sales Offices in Principal Cities

A TOY Department Manager will find, during the summer months, that every Vacationist wants a Madmar "Interlox" Puzzle or two for diversion.

Also that most of his fellow citizens are Vacationists sometime during the summer months and that they thoroughly enjoy Madmar Puzzles.

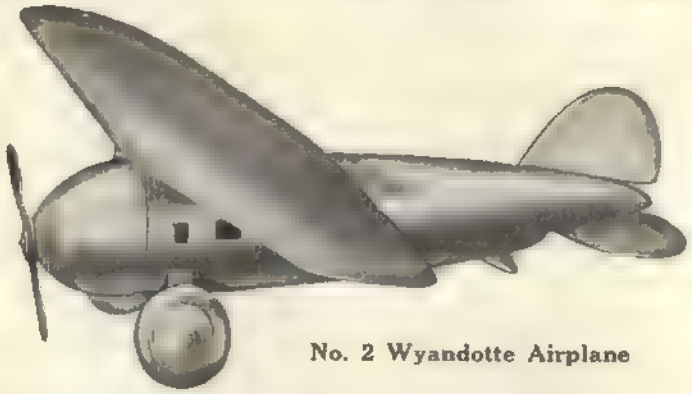
Write us about a small assortment. 50 Pieces to 1000 Pieces.

MADMAR QUALITY CO.

Box 473

UTICA — — NEW YORK

WYANDOTTE'S LATEST 25c TOY



No. 2 Wyandotte Airplane

Airplane reproduction of Lockheed Vega. Wings, body and propeller twenty gauge metal, two wooden wheels. Propeller revolves. Wing spread 18 in., body 12½ in. long Assorted colors: green and orange, blue and red, orange and black.

Complete line of Pop Guns and Airplanes shown during
MIDSUMMER TOY WEEK IN NEW YORK CITY
June 9th to 14th

Manufactured by
ALL METAL PRODUCTS COMPANY, Wyandotte, Michigan, U. S. A.

SUMMER TOY WEEK—JUNE 9th to 14th

Be Sure to Inspect

The AMICO Line

OF

Christmas Stockings

and NOVELTIES

10c, 25c, 50c and $1.00 Retail

AMICO STOCKINGS always have and always will be filled with real high grade toys. This is the reason why our sales are constantly increasing.

"AMICO" TINY TOYS

In transparent net packing are year round sellers.

"AMICO" Line Will Satisfy the Most Critical Buyer

AMMIDON & COMPANY

THE 54 YEAR OLD HOUSE

31 S. FREDERICK ST. BALTIMORE, MD.

New York Selling Agents

Baker & Bennett Co., 873 Broadway — Owens-Kreuser Co., 45 East 17th St.

The Ball with the BOUNCE

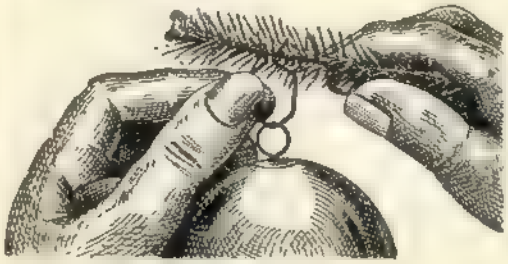
To The Trade—

We are now located in our new office and showroom in New York City

FIFTH AVE. BLDG.
ROOM 556

Where we will display the complete lines of

The Nation's Most Popular Rubber Ball



E-ZEE Tree Clips

Are the most practical and best selling articles of their kind. Make a note now to get your 1930 order in early.

WEAVER'S HEALTH BALLS
AND
E-ZEE TREE CLIPS

C. B. WEBB COMPANY
200 FIFTH AVE. NEW YORK

Something New and Different

A new toy line that offers great profit possibilities. . . . Supreme in interest and fascination. . . . Sells rapidly wherever displayed. . . . Appeals alike to boys and girls. . . . A new idea in Toydom, where popular prices insure quick results.

Write for Full Information

THE WARREN TOY COMPANY
WARREN, OHIO

Watch Our Ads for Further Announcements

New York Representative—Leo Levy, Room 407, 200 Fifth Avenue

TRANSOGRAM COMPANY

INCORPORATED

"GOLD MEDAL" TOYS & GAMES

"GOLD MEDAL" TOYS & GAMES

OUR SALES OFFICE 200 FIFTH AVENUE

"GOLD MEDAL"

TOYS AND GAMES

We Extend a Cordial Invitation to All to Come to the Coming Toy Fair

IN

JUNE

The Month of Weddings

Gold Medal Toys And Games Are Wedded To Sales Made of Honor—Groomed For Profits

Ushered Down Many An Aisle of Progress
Beautiful Decorations Designed For The (AF)Fair
(B)Ride With The Best Man(ufacturer)

Come To The Service Where Sales and Profits Are United

TRANSOGRAM COMPANY, Inc.

200 FIFTH AVE., NEW YORK

Factories: Brooklyn, N. Y., Easton, Pa., Newport, Me.

SAALFIELD BOOKS FOR CHILDREN

Appropriate for your Toy Department. Sell right along with Toys, and bear as high a percentage of profit. . . . We offer you the finest and largest assortment published by any one house—every style of book for the child retailing from five cents to two dollars.

Akron
Ohio

THE SAALFIELD PUBLISHING CO.

Fifth Ave. Bldg.
NEW YORK
Room 415

We will appreciate your courtesy in mentioning PLAYTHINGS

ALLCOCK'S BAITS AND SPECIALTIES

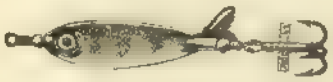
No. 7315 TRUEFORM

No. 7315 TRUEFORM Baits are made in imitations of all the most popular fish baits—Minnow, Trout, Roach, Shiner or Smelt, Dace, Gudgeon, Goldfish, etc.

Made in all sizes suitable for Trout, Bass, Salmon, etc.
Packing: Each bait in a box, six in a carton.

	Per Dozen
Size 1½ inch	$18 00
Size 2 inch	21 60
Size 3 inch	24 00

ALLCOCK'S TIT-BIT BAITS



No 7323

No 7323 "True-Form" Tit-Bit, curved from tail into shape of a small fish revolving on a bar, which gives a rapid spin. Colors: Blue, Brown, Green

	Per Dozen
Sizes 1¼ inch	$19 20
Size 2½ inch	21 60
Size 3¼ inch	24 00

ALLCOCK'S DEVON BAITS

(With four Treble Hooks mounted on Twisted Gut)

Metal Bodies: All Silver

Devon Minnows are packed one in a box, six in a carton.

	Per Dozen
Size 1½ inch	$12 00

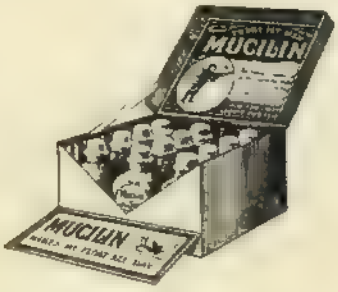
ALLCOCK'S DOUBLE TAPERED FLY LINE

The "King Eider" Superior Oil Dressed Silk Lines. Bronze brown color. Made from the very best silk obtainable, braided absolutely solid, waterproofed by a special process. Very durable, soft and pliable. Double tapered H. E. H.

	Each
"King Eider" Silk Line; 30-yard	$9 00

"MUCILIN"

LINE AND FLY DRESSING



Mucilin is the best preparation for adding to the buoyancy and durability of Lines and for making Flies float. It will not injure the most delicate materials and is the only safe preparation for use on the surface of high-grade Fly Lines.

The solid is intended for Lines and the liquid for Flies, but many anglers find the solid all right for both purposes.

"MUCILIN," per dozen bottles or cans ..... $ 8 00

SNOW SHOES

TUBB'S SEBAGO

Nos. S70 and S71.

No. S79.

These shoes are made from straight grain, second growth northern ash. They will give perfect satisfaction. They contain a good grade of filling and are finished with special waterproof finish and guaranteed to give satisfactory service.

Maine Model for Men.

No. S70. Size 12x48 Inches. Wt. pr. 5 lbs. . Pair $10 00
No. S70. Size 13x48 Inches. Wt. pr. 5½ lbs. . Pair $10 50
No. S70. Size 14x48 Inches. Wt. pr. 6 lbs. . Pair $11 00

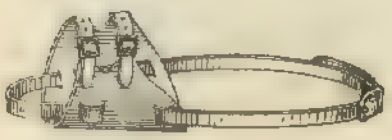
Maine Model for Women.

No. S71. Size 12x42 Inches. Wt. pr. 4 lbs. . . . . Pair $9 50

"Bear Paw" Model for Men.

No. S79. Size 14x30 Inches. Wt. pr. 4 lbs. . . . . Pair $11 25

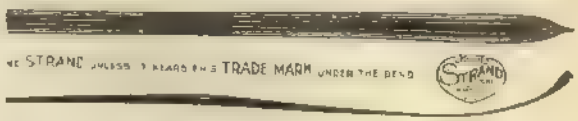
SNOW SHOE BINDINGS



Made of black harness leather with buckle strap for adjustment. This is the best snow shoe binding on the market. Wt. pair, ¾ lb. . . . . Pair $2 75

SKIS

STRAND



EDGE GRAIN YELLOW PINE

Made of the best quality selected quarter-sawed Yellow Pine, finished in natural wood with several coats of waterproof varnish, and have fancy stripes; supplied with leather straps with Conway buckles, and rubber foot rests

No. 4EP. 4 feet long. Wt. pr. 4½ lbs. . . . . Pair $1 50
No. 5EP. 5 feet long. Wt. pr. 5 lbs. . . . . Pair $2 25
No. 6EP. 6 feet long. Wt. pr. 5½ lbs. . . . . Pair $3 00
No. 66EP. 6½ feet long. Wt. pr., 5¾ lbs. . . . . Pair 3 25
No. 7EP. 7 feet long. Wt. pr., 6 lbs. . . . . Pair 3 75
No. 76EP. 7½ feet long. Wt. pr., 6½ lbs. . . . . Pair 4 25

MAGNOLIA

Made of the best quality selected hardwood stock in a beautiful mahogany finish, with fancy grooved white stripes; supplied with leather straps with Conway buckles, and with corrugated rubber foot rests.

No. 6MM. 6 feet long. Wt. pr. 6 lbs. . . . . Pair $3 25
No. 66MM. 6½ feet long. Wt. pr., 7 lbs. . . . . Pair $4 00
No. 7MM. 7 feet long. Wt. pr., 8 lbs. . . . . Pair 4 50
No. 76MM. 7½ feet long. Wt. pr., 8½ lbs. . . . . Pair 5 25

QUARTER-SAWED WHITE ASH

Made of the very best selected quality edge grain white ash, cut especially out of small, tough trees; finished in a rich brown color, with fancy grooved white stripes; supplied with leather straps with Conway buckles, and corrugated rubber foot rests.

No. 7AB. 7 feet long. Wt. pr., 8 lbs. . . . . Pair $6 25
No. 76AB. 7½ feet long. Wt. pr. 8½ lbs. . . . Pair $7 00

SECOND GROWTH HICKORY

Made of the very best quality straight grained second growth hickory, finished in a rich brown color with fancy grooved white stripes; supplied with leather straps with Conway buckles, and with corrugated rubber foot rests.

No. 7HB. 7 feet long. Wt. pr. 8 lbs. . . . . Pair $6 75
No. 76HB. 7½ feet long. Wt. pr. 8½ lbs. . . . . Pair $7 75
No. 8HB. 8 feet long. Wt. pair 9 lbs. . . . . Pair $8 00

SKI POLES

Bamboo. Very substantial and light; made with silverite flexible washer. Wt. ea., 12 ozs. . . . . Each $1 65

ALPINE STOCKS

Handle made of hickory with metal ferrule and 4 inch steel point; length, 5¼ ft. Wt. ea. 2¼ lbs. . . . . Each $1 25

SKI BINDINGS

STRAND

No. A Adjustable. Best leather re-enforced with rawhide, double stitched. Interlocking teeth on side irons. Binding adjustable to any ski boot. Tightening clamp on heel quickly fastens or unfastens binding, a very desirable feature. Illustration shows view of side iron adjustment. Wt. pr. 2½ lbs. .....Pair $3 50

No. 1. Has been used extensively abroad and in this country for years. Best quality leather strengthened by double-stitched rawhide re-enforcing. Side irons held by bolts through mortise in ski. Tightening clamp on heel strap by which binding is quickly fastened or unfastened. Wt. pr. 2 lbs. .....Pair $3 00

No. 2. Made of black harness leather, with three buckles for adjustment, and side irons with bolts. Wt. pair, 1½ lbs. .....Pair $2 50

SKI WAX

A tube of ski wax should always be in your pocket when skiing. By applying it to the running surface it will stop soft snow from sticking

Ski Wax. Wt. doz., 1 lb. .....Each $0 30

TOBOGGANS

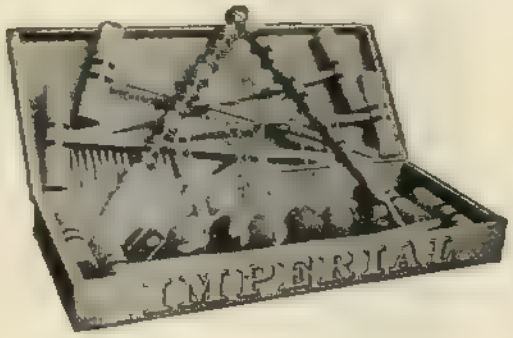
STRAND

Natural Color

Made of hardwood, finished in natural wood with one coat of shellac on top. As the cross section above the toboggan cut shows, the middle and two outside slats are thicker than the other four. This adds greatly to the strength of the toboggan, and as it decreases the running surface on an iced slide, it will increase the speed and also make it a great deal easier to steer in the snow. Note the long graceful bend, which enables it to take a bump without a jar and also makes it run easy in deep snow. They are supplied with heavy rope, fastened with leather loops.

6 Foot. Wt. ea. 16 lbs. .....Each $ 8 50
7 Foot. Wt. ea. 18 lbs. .....Each 10 50
8 Foot. Wt. ea. 20 lbs. .....Each 12 00

CROQUET SETS



No. 00—Maple, Polished, Four Ball Set. All turned by hand, highly finished with genuine white shellac and lathe polished; mallets eight inches long; short handle; large black bands in center of mallet; select fancy striped balls; two large beaded four colored stakes, with heavy galvanized arches. Wt. set, 19 lbs. .....Set $6 50

No. 00X—Eight Ball Set. Same as above. Varnished box with nickel plated handle. Wt. set, 36½ lbs..Set $11 50

No. 2—Professional Four Ball Set. Turned by hand; neatly painted, eight-inch long mallets, finely striped; short maple handles, selected; polished three striped balls; two large beaded eight color stakes; heavy galvanized arches. This set is much preferred by professional players. Wt. set, 18½ lbs. .....Set $6 25

No. 2X—Eight Ball Set. Same as above. Wt. set, 29 lbs. .....Set $8 00

No. 5—Four Ball Set. Cheap professional; full varnished and striped balls, handles and stakes; eight-inch long mallets and short handles painted and striped; galvanized arches. Wt. set, 17 lbs. .....Set $4 50

No. 5½—Six Ball Set. Otherwise same as No. 5. Wt. set, 22¼ lbs. .....Set $6 00

No. 5X—Eight Ball Set. Otherwise same as No. 5. Wt. set, 27½ lbs. .....Set $7 00

No. XA—Eight Ball Set. All parts varnished; mallets painted; two eight color stakes; ten polished arches. Wt. set, 20 lbs. .....Set $5 00

No. 6—Four Ball Set. Rock maple balls and stakes painted and varnished; plain beaded mallets, with handles painted; ten polished iron arches, and small dove-tailed box with hinged cover. Wt. set, 12½ lbs. .....Set $3 25

No. 7—Six Ball Set. Same quality goods as in No. 6. Wt. set, 17½ lbs. .....Set $4 00

No. 8—Eight Ball Set. Same quality goods as in No. 6. Wt. set, 20 lbs. .....Set $4 50

All croquet sets packed one set in a box. Book of instructions included.

D 8

TUDOR PLATE

GUARANTEED FOR 25 YEARS

"Tudor Plate" is made by the same designers and same manufacturers who make the world famous Community Plate Although not as heavily plated as Community Plate it is guaranteed for 25 years. The patterns as illustrated above express beauty and charm, and instantly create a desire of ownership.

Queen Bess *Duchess* *Mary Stuart*

QUEEN BESS

This truly popular pattern is a masterpiece of artistic designing, exquisitely beautiful in outline, ornamentation and finish. It is smart looking and wherever used expresses good taste and refinement. It's tremendously large past sales are evidence of the great desire for this lovable pattern.

DUCHESS PATTERN

For more than 6 years this unusually charming pattern has met the appeal of the most fastidious and discriminating public. The carefully balanced handles with their delicate yet attractive designing give to this ware an effect that makes it strikingly attractive and individual.

MARY STUART PATTERN

A masterpiece of artistic designing, beautiful in outline and ornamentation. Lovely as the queen after whom it was named, Mary Stuart. A pattern that ever possessor is happy to have. The slim tapered handles make the Mary Stuart a pattern of great popularity and delight.

ONEIDA COMMUNITY MADE "TUDOR PLATE" SILVERWARE

GUARANTEED FOR 25 YEARS

See Page 2125 For Illustration of Patterns.

ALL PATTERNS BRIGHT BUTLER FINISH

SPOONS

TEA SPOONS. Length 5 inches.

	Per Doz
No. 30602—Mary Stuart	$6 60
No. 29602—Queen Bess	
No. 36602—Duchess	

One doz in cardboard box; wt per doz 9 ozs.

DESSERT SPOONS. Length 7⅛ inches.

	Per Doz
No. 30603—Mary Stuart	$13 20
No. 29603—Queen Bess	
No. 36603—Duchess	

One doz in cardboard box; wt per doz 12 ozs.

TABLE SPOONS. Length 8⅛ inches.

	Per Doz
No. 30605—Mary Stuart	$13 20
No. 29605—Queen Bess	
No. 36605—Duchess	

One doz in cardboard box; wt per doz 16 ozs.

SOUP SPOONS. (Round Bowl). Length 8⅛ inches.

	Per Set of Six
No. 30604—Mary Stuart	$6 60
No. 29604—Queen Bess	
No. 36604—Duchess	

One doz in cardboard box; wt per doz 16 ozs.

KNIVES

All knives have French steak shaped blades. Length of dinner knife 9¾ inches, dessert 7⅞ inches.

DINNER, HOLLOW HANDLE, PLATED BLADES

	Per Doz
No. 30611—Mary Stuart	$38 45
No. 29611—Queen Bess	
No. 36611—Duchess	

DINNER, HOLLOW HANDLE, STAINLESS STEEL BLADES

	Per Doz
No. 30664—Mary Stuart	$41 40
No. 29664—Queen Bess	
No. 36664—Duchess	

DINNER, EMBOSSED HANDLE, PLATED BLADES

	Per Doz
No. 30615—Mary Stuart	$14 73
No. 29615—Queen Bess	
No. 36615—Duchess	

DINNER, EMBOSSED HANDLE, STAINLESS STEEL BLADES

	Per Doz
No. 30594—Mary Stuart	$25 62
No. 29594—Queen Bess	
No. 36594—Duchess	

One doz in cardboard box; wt per doz 1¾ lbs.

DESSERT, EMBOSSED HANDLE, PLATED BLADES

	Per Doz
No. 30616—Mary Stuart	$14 73
No. 29616—Queen Bess	
No. 36616—Duchess	

One doz in cardboard box; wt per doz 1¼ lbs.

FORKS

All forks have flat handles.

DINNER. Length 7⅛ inches.

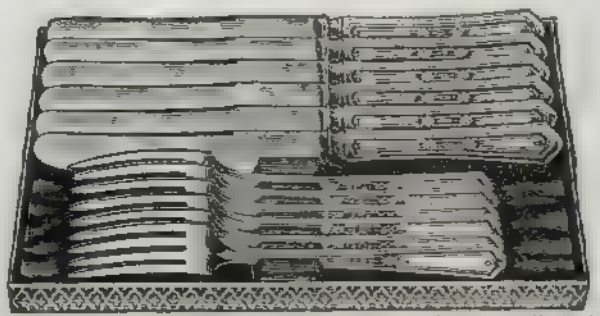
	Per Doz
No. 30607—Mary Stuart	$13 20
No. 29607—Queen Bess	
No. 36607—Duchess	

DESSERT. Length 7 inches.

	Per Doz
No. 30606—Mary Stuart	$13 20
No. 29606—Queen Bess	
No. 36606—Duchess	

One doz in cardboard box; wt per doz 1½ lbs.

KNIFE AND FORK SETS



All knives have French steak shaped blades. All forks have flat handles. Length of knives 9¾ inches; length of forks 7½ inches.

DINNER, HOLLOW HANDLE, STAINLESS STEEL BLADES

Set includes 6 knives and 6 forks.

	Per Set
No. 30698—Mary Stuart	$27 27
No. 29598—Queen Bess	
No. 36598—Duchess	

DINNER, EMBOSSED HANDLE, STAINLESS STEEL BLADES

Set includes 6 knives and 6 forks.

	Per Set
No. 30597—Mary Stuart	$19 32
No. 29597—Queen Bess	
No. 36597—Duchess	

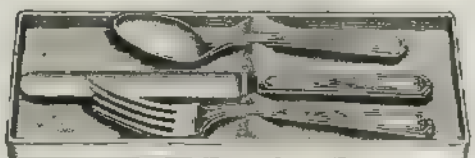
DINNER, EMBOSSED HANDLE, PLATED BLADES

Set includes 6 knives and 6 forks.

	Per Set
No. 30803—Mary Stuart	$13 95
No. 29803—Queen Bess	
No. 36803—Duchess	

One set in cardboard box; wt per set 2⅞ lbs.

CHILD'S SETS



THREE PIECE SET. Knife, fork and spoon. With flat handles. Length of knife 7½ inches.

	Per Set
No. 30737—Mary Stuart	$3 78
No. 29737—Queen Bess	
No. 36737—Duchess	

One set in cardboard box; wt per set 8 ozs.

beautiful...

!

. . . . with a gold mine of sales possibilities packed beneath its polished luster.

!

UNCLE SAM

goes

CHROMIUM

Ready for Immediate Shipment . . . . in Handsome Gift Boxes
Order Now and Get Your Share of This NEW Business

NEW!

RADIO

QUESTIONNAIRE

Retails for $1.50

New — Mysterious — Profitable. No wires, no trouble. Satisfaction Guaranteed. Works by electricity with bulb and battery furnished. Hundreds of entertaining and educational questions on colored cards, answered by flash of bulb. Jolly pastime for entire family. Attractively boxed

UNBEATABLE combination! The THRIFT urge, linked up with BEAUTY! Uncle Sam's nationally famous Register Banks now appear in gleaming, flashing CHROMIUM . . . so distinguished and so eye-compelling that ANYONE will be proud to use them as ORNAMENTS in any room! We've always told you that we stand for CONSTRUCTIVE business . . . and here is additional proof. Where you've been doing a steady business, based on the practical, educational appeal of a very fine line of merchandise, you can now step up your sales through the power of DISPLAY . . . merely setting out, where they can be seen, these handsomest of savings banks. All the features of the original UNCLE SAM line you and your public know so well . . . plus a CONCENTRATED sales value that will swing you forward to new volume and profit heights! Ask your jobber.

CHROMIUM 3-Coin Model, Illustrated Above, to Retail at . . . $5.00
Also Single Coin Chromium Models, Dime Bank, Nickel Bank . . . and Cash Store Registers and 2 in-1 Register and Bank

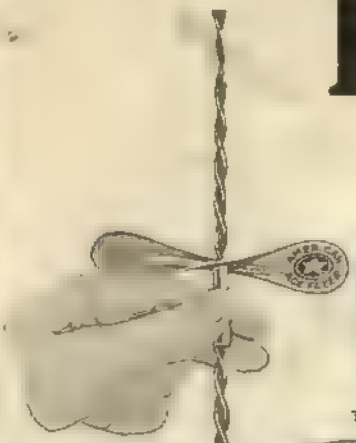
DURABLE TOY & NOVELTY CORP.

220 Fourth Avenue New York City

Established in 1907 H. H. Payson, President

KIRCHHOF

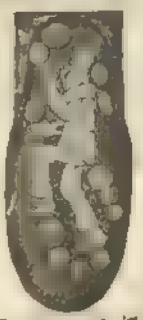
Quick Selling Toys and Novelties Give You a Wide, Profitable Line to Offer Your Customers



American Ace Flyer in lithographed bright colors. Retails for 1 cent. A popular toy with wide consumer appeal.

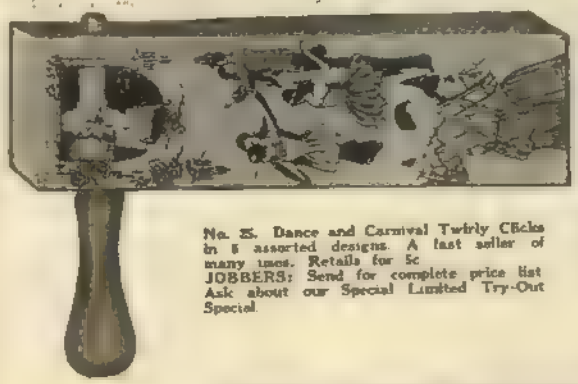
THE NEWEST KIRCHHOF KAZOO. Finished in Beautiful Sanitary Gold Lacquer with 3 keys and screwtop in assorted colors. Sells for 5c. A record breaking all-year seller.

Screamer Whistles, 1c.



Dance and Carnival Crickets, 1c., in 7 attractive designs. Also Old Glory Crickets for Patriotic Holidays.

SPINNING TOPS 1c.



No. 25. Dance and Carnival Twirly Clicks in 5 assorted designs. A fast seller of many uses. Retails for 5c
JOBBERS: Send for complete price list Ask about our Special Limited Try-Out Special.

Miniature (3-piece) Garden Tool Set

A substantial inexpensive plaything for the Kiddies See the "L" reinforcement — A SET TO RETAIL AT 1 CENT

THE KIRCHHOF PATENT CO.

60-64 Union Street Dietze Building Newark, N. J.

The Public is Sold on THRIFT....
HELP 'em save....by selling them

3-COIN
REGISTER BANK

Takes nickels, dimes and quarters (also pennies, but without registering them). Other models for one coin only . . . pennies, nickels, dimes or quarters alone. Stock the complete line. NOW is the time to sell them!

UNCLE SAM'S
REGISTER BANKS

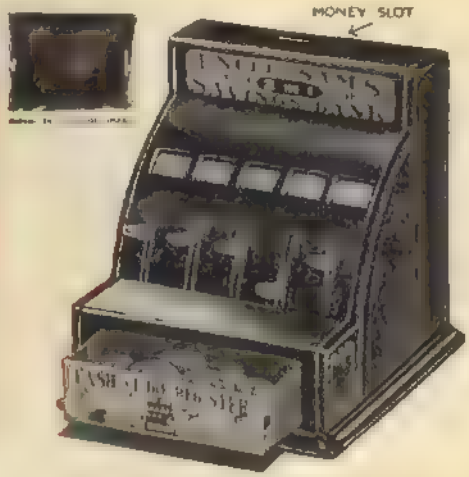
LOW resistance selling is always the most agreeable selling. Riding with the tide is much easier than bucking it. Here's a national movement in behalf of THRIFT . . . children and their parents alike eager to SAVE . . . and UNCLE SAM'S famous BANKS, made to order for their requirements. See how much easier it is to sell these high grade, PROFITABLE banks NOW! No work to it . . . just keep your stocks up to date and be sure to DISPLAY all the different UNCLE SAM models. Three-coin and single-coin models . . . you'll sell them ALL in this great era of thrift propaganda! Have you a complete stock TODAY? Have you our latest catalogue?

The Complete UNCLE SAM Line Will Be on Display at the Chicago Toy Fair

April 28-May 10

in the Foyer of Hotel Morrison

Mr. H. L. Bates in charge



2-IN-1 CASH REGISTER
and SAVINGS BANK

Looks and acts like a real cash register! Lock and key in back enables children to lock up money in "safety vault" at night. Play money furnished with each register.

The Improved
RADIO QUESTIONAIRE
Retails for $1.50

No wires, no trouble . . . this modern game answers hundreds of questions by the flash of a bulb! Mystifying, educational, fascinates old and young. Red and blue metal hands, colored question and answer cards, packed in handsome, re-inforced 4-color box.

With this 22-Year-Old Line You Are Assured of a Steady Volume that Cannot Be Affected by Temporary "Depressions"! Going Bigger Than Ever TODAY!

NEW . . . and a success from the initial showing. Beautiful chromium-plated Banks and Cash Registers that draw the customer clear across the store and make SALES and PROFITS for you. Be sure to see them!

DURABLE TOY & NOVELTY CORP.

220 Fourth Ave., New York

Established in 1907 H. H. PAYSON, President

Start your letter right: "I saw your ad in PLAYTHINGS."

TOOL CHESTS

UNION

STEEL COVERED WOOD

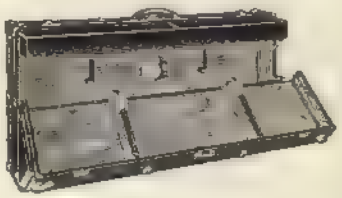
Made of three thicknesses of Douglass fir glued together with waterproof glue, the grain of the center ply running at right angles to the outer surfaces; cannot split or check and is many times stronger than solid wood; lock corners; tops and bottoms securely nailed on with cement coated nails; covered with olive green enameled sheet steel, enamel baked on; corners, catches, clamps and locks are heavily plated and attached with rivets, not nails or screws; corner bindings made of steel, black enameled and lacquered, and riveted on; locks are single change suitcase style with one key.

SHOULDER

Equipped with a reinforced leather ring handle; saw block in the cover holds three 26 inch saws.

No. GI-432. Size 32x8x8½ inches. Shipping wt. ea., 12¼ lbs. . Each **$5 35**

STANDARD



Has two saw blocks in the drop front which hold three 26 inch saws, and two brackets in the back for a 30-inch level. A standard sized framing square can stand up in the back of the chest The tray pulls out and always remains horizontal and accessible.

No. GI732. Size 32x7x16¼ inches Tray 30¼x3x2¼ inches. Shipping wt. ea., 20¼ lbs. . . . . Each **$9 45**

TOOL CHESTS

UNION

Quartered white oak, semi gloss finish; lock corner joints; backs are selected ply stock, fitted, glued and nailed into rabbet in frame; drawer sides of hardwood to insure long service; drawer backs, best grade of soft wood tongued grooved and glued to sides; steel drawer bottoms; high grade felt glued to drawer bottoms; reinforced leather handles; corners, catches, etc., are heavy steel, nickel plated and polished; flush ring pulls on drawers; no waste space between drawer fronts and door; solid brass, 100 key change type lock, with two flat keys; doors slide in under bottom drawer.

MACHINISTS'

These chests are equipped with hinged covers that give access to felt-lined tills; 4x5 inch mirror mounted in cover. Short drawers 7x6x⅞ and 7x6x2⅛ inches; long drawers 15¼x6x⅞ and 15¼x6x2⅛ inches; till 16x6¼x3 inches.

No. B17. Outside dimensions 17x7⅝x12⅝ inches. Shipping wt ea., 1[illegible] lbs . . . . . Each **$17 80**

TOOL MAKERS

Designed for mechanics and watchmakers who use small tools Short drawers 8½x7x⅞ and 8½x7x2⅛ ins. long drawers 18¼x7x1⅛ inches, 18¼x7x1⅝ inches, and 18¼x7x2⅝ inches

No. F20. Outside dimensions 20x8¾x12 inches. Shipping wt. each 18 lbs. . . . . Each **$15 50**

TOOL CASES

KENNEDY ALL STEEL

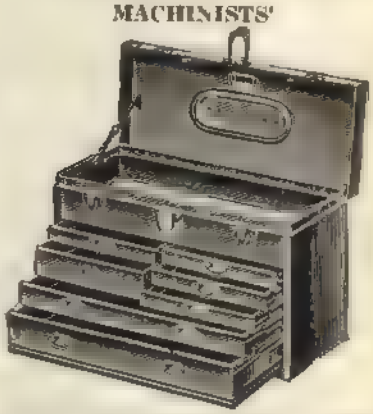
MACHINISTS'

Electrically welded and strongly reinforced, it will withstand much more than usual hard usage. The strong double drawer slides operate smoothly and easily. The drawers are all covered with felt. Equipped with a good strong chest lock and is finished in Kennedy-brown baked enamel. Three drawers 1⅛x7½x18¼ inches; two drawers 2½x7½x18¼ inches.

No. KM20. Size 20x8½x12 inches. Wt. ea., 32 lbs. . . . . Each **$12 00**

KENNEDY ALL STEEL

MACHINISTS'

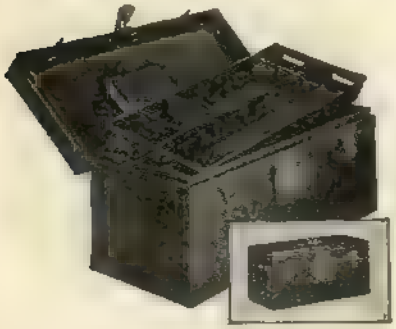


Neither heat nor moisture will affect this case or make it difficult to operate the drawers. The drawers slide easily on double drawer slides that stop the drawers only after they are extended far enough to allow an unobstructed view of the contents. The slides will withstand much more weight than normal hard usage requires. The case is strongly reinforced with boxed ends and drop front and fitted with solid brass multiple change lock and side catches, and finished in Kennedy-brown pine tree enamel Charts in lid showing decimal equivalents, and S. A. E. and U. S. standard screw threads. Till in top 3¾x8¼x20 inches; four drawers 1x7½x8⅝ inches;; one drawer 1½x7½x18¼ inches; one drawer 2x7½x8⅝ inches; one drawer 2½x7½x18¼ inches.

No. 520. Size 20x8½x13 inches. Wt. ea., 35 lbs. . . . . Each **$18 00**

TOOL CHESTS

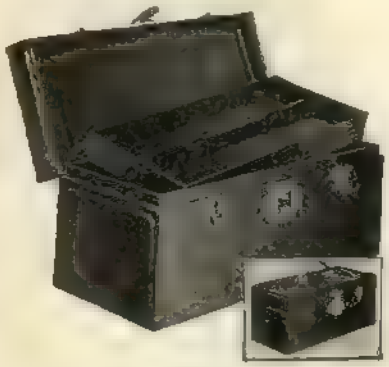
UNION ALL STEEL



GENERAL UTILITY

Heavy gauge cold rolled steel with flush electric welded seams; paneled ends, top and bottom for rigidity and strength; disappearing tray handle and movable tray partitions, adjustable to individual needs. Equipped with two catches and lock with two keys; finished in olive green hard baked enamel.

No. 20C. Length 14 inches, depth 6½ inches, width 6 inches. Wt. ea., 3¾ lbs. .....Each **$1 50**



MECHANICS'

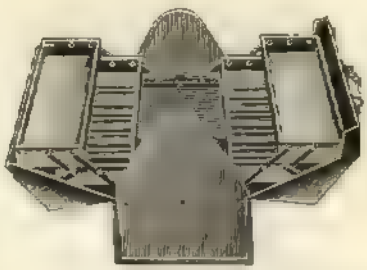
Heavy gauge cold rolled steel with flush lock seams; equipped with two bolt catches and lock with two keys; ends and top panelled for rigidity and strength; leather handle with steel core; tray has partition and convenient handle; olive green hard baked enamel finish; brass plated hardware; length 16 inches; width 7 inches; depth 7 inches.

No. U16. Wt. ea. 5 lbs....Each **$2 25**

TOOL KITS

KENNEDY ALL STEEL

All steel; double seamed ends, rolled edges, and electrically welded connections give strength; baked brown enamel, does not chip, not easily scratched off; steel core reinforced leather handles, brass plated fittings; strong multiple change lock.



GENERAL MECHANICS'

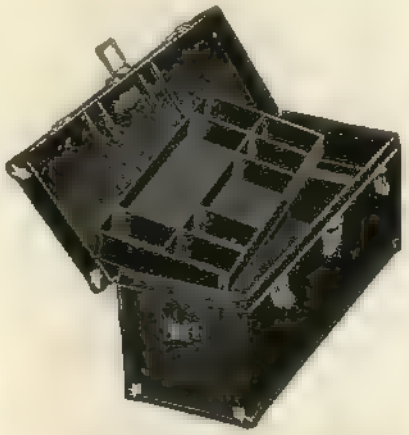
The four trays are linked to the lids and swing out of the kit as the lids are opened. When closed, the top trays fit flush over the lower trays. Kit is equipped with a leather handle, side catches and a multiple change lock.

No. 1018. Size 18x10x12½ in. Wt. ea., 19 lbs.....Each **$8 00**

MECHANICS'

For garage mechanics, repairmen, electricians, etc. Easy to carry and has a handy divided tray for small parts.

No. 118. Size 18x10x13 inches; with handy tray for small tools. Wt., 15 lbs .....Each **$7 00**

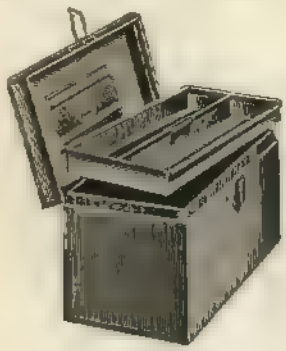


ELECTRICIANS'

Will stand years of hard usgae. The divided tray extends only part of the length of the kit, leaving room in the end of the kit for a blow torch. Especially designed for electricians, linemen and repairmen. The ends of the kit are double seamed; equipped with a strong multiple change lock, side catches and corner irons.

No. 319. 19x8x9 inches. Wt each, 13½ lbs. ....Each **$6 00**

No. 321. 21x8x9 inches. Wt. each, 15 lbs. ....Each **$8 00**



MECHANICS'

A well made kit that sells at a very reasonable price; the ends are double seamed and it is strongly reinforced throughout; the tray may be divided into any size compartments desired by tacking light wooden partitions in place; equipped with a leather handle and a strong multiple change lock.

No. K19. 19x9x8 inches. Wt. each, 12 lbs. .....Each **$5 00**

UNIVERSAL

Chromium Plate Blue Diamond Finish

The graceful dignity of these UNIVERSAL Electric Appliances is enhanced by their unexcelled electrical and mechanical features which place them among the finest table appliances that can be made.

Chromium Plate furnishes a hard surface that will not tarnish or corrode; it requires no polishing and an occasional wiping with a soft cloth will keep it bright and attractive indefinitely. The distinction of these Chromium Plate Patterns lies not only in the beautiful designs but in the brilliant Blue-Diamond Finish.

FONTAINE PATTERN ELECTRIC COFFEE PERCOLATOR SET

Chromium Plate, Blue Diamond Finish Ivoroy Antique Trims with Blue and Silver Silk Cord, Push Button Switch in Cord. Capacity of Percolator, 10 cups Size of Tray, 14½ x 21½ inches.

7G57222	Complete Set	$133.00
7G57223	Percolator Only	65 10
7G57224	Waste	11 90
7G57225	Sugar and Creamer	25 00
7G57226	Tray	28 00

OLD ENGLISH PATTERN ELECTRIC TOASTER

Turn-Easy Type Chromium Plate Blue Diamond Finish, Ivory Antique Casein Handles, Knobs and Feet with Blue and Silver Silk Cord Push Button Switch in Cord.

7G57227 Each $17.40

OLD ENGLISH PATTERN ELECTRIC COFFEE PERCOLATOR

Chromium Plate Blue Diamond Finish Ivory Antique Casein Insulator Handle and Feet with Blue and Silver Silk Cord Capacity, 6 cups.

7G57228 Each $30.10

OLD ENGLISH PATTERN ELECTRIC COFFEE PERCOLATOR SET

Chromium Plate, Blue-Diamond Finish Ivoroy Antique Trim with Blue and Silver Silk Cord. Push Button Switch in Cord. Capacity of Percolator, 9 cups. Size of Tray, 12 x 18 inches

7G57229	Complete Set	$86.10
7G57230	Percolator Only	44 10
7G57231	Sugar and Creamer	21 70
7G57232	Tray	20.30

OLD ENGLISH PATTERN ELECTRIC WAFFLE IRON

Chromium Plate, Blue Diamond Finish, Ivory Antique Casein Trim with Blue and Silver Silk Cord Push Button Switch in Cord Has Heat Indicator which shows when waffle iron is hot enough for the batter. Aluminum Grids, 7½ inches in diameter

7G57233 Each $30.10

PRICES SUBJECT TO REVISION WITHOUT NOTICE

UNIVERSAL

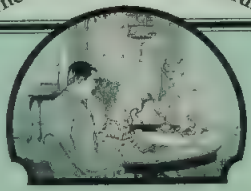
The Electric Ware Beautiful

Jeweled Patterns

ELECTRIC TOASTER

Turn Row Type Base Plated Push Button Switch in Cord Beryline Handles and Feet. Takes slices of bread 5½ x 5¾ inches.

7G57234	Sapphire Blue	Each $11 70
7G57235	Garnet Red	Each 11 70
7G57236	Jade Green	Each 11 70



Beryline Mountings in three colors, Sapphire, Garnet and Jade with Silk Cords and Crystal Tops to match. The treatment of the color idea in this line is original and attractive. It adds life and richness in perfectly good taste, fitting in with popular table decorations of the day. Beryline Mountings are of a composition of solid color throughout and will not fade or lose brilliancy

EMPIRE PATTERN ELECTRIC COFFEE PERCOLATOR

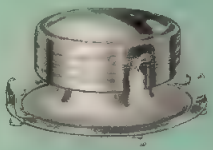
Nickel Plated Beryline Trim with Crystal Top and Silk Cord to Match

		Capacity	
7G57240	Sapphire Blue	4 cups	Each $7 50
7G57241	Garnet Red	4 cups	Each 7 50
7G57242	Jade Green	4 cups	Each 7 50
7G57243	Sapphire Blue	9 cups	Each 10 50
7G57244	Garnet Red	9 cups	Each 10 50
7G57245	Jade Green	9 cups	Each 10 50

EMPIRE PATTERN PERCOLATORS ONLY

As Illustrated in Set

7G57237	Sapphire Blue	Each $25 40
7G57238	Garnet Red	Each 25 40
7G57239	Jade Green	Each 25 40



ELECTRIC WAFFLE IRON

Nickel Plated Push Button Switch in Cord, Beryline Handles and Feet. Has Heat Indicator which shows when Waffle Iron is hot enough for the batter. Diameter of Aluminum Grids, 7½ in.

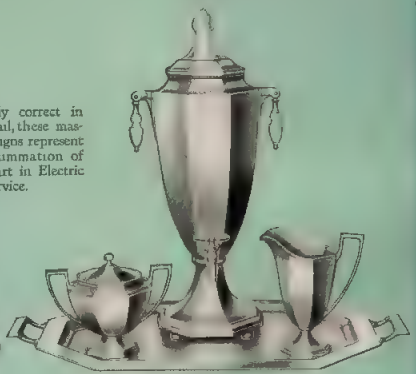
7G57249	Sapphire Blue	Each $23 40
7G57250	Garnet Red	Each 23 40
7G57251	Jade Green	Each 23 40

EMPIRE PATTERN ELECTRIC COFFEE PERCOLATOR SET

Nickel Plated Push Button Switch in Cord, Beryline Trim with Crystal Top and Silk Cord to Match. Capacity of Percolator 8 cups. Size of Oval Tray, 13 x 20 inches.

7G57246	Sapphire Blue	Complete Set $54 90
7G57247	Garnet Red	Complete Set 54 90
7G57248	Jade Green	Complete Set 54 90

Artistically correct in every detail, these masterful designs represent the consummation of creative art in Electric Table Service.



TRIANON PATTERN ELECTRIC COFFEE PERCOLATOR SET

Nickel Plated Push Button Switch in Cord. Capacity of Percolator 9 cups. Size of Tray, 13 x 20 inches.

Ivory Antique Trims with Blue and Silver Silk Cord

7G57252	Complete Set $64 40	7G57254	Sugar and Creamer $16 80
7G57253	Percolator Only 35 00	7G57255	Tray 12 60

Jade Green Beryline Trims with Silk Cord to Match

7G57256	Complete Set $64 40	7G57258	Sugar and Creamer $16 80
7G57257	Percolator Only 35 00	7G57259	Tray 12 60

JEFFERSON PATTERN ELECTRIC COFFEE PERCOLATOR SET

Nickel Plated Push Button Switch in Cord. Capacity of Percolator, 9 cups. Size of Tray, 12 x 18 inches.

Ivory Antique Trims with Blue and Silver Silk Cord

7G57260	Complete Set $31 20	7G57262	Sugar and Cream $13 45
7G57261	Percolator Only 14 10	7G57263	Tray 14 70

Jade Green Beryline Trims with Silk Cord to Match

7G57264	Complete Set $31 20	7G57266	Sugar and Creamer $13 45
7G57265	Percolator Only 14 10	7G57267	Tray 14 70

UNIVERSAL

Chromium Plate
Blue Diamond Finish

The graceful dignity of these UNIVERSAL Electric Appliances is enhanced by their unexcelled electrical and mechanical features which place them among the finest table appliances that can be made.

Chromium Plate furnishes a hard surface that will not tarnish or corrode; it requires no polishing and an occasional wiping with a soft cloth will keep it bright and attractive indefinitely. The distinction of these Chromium Plate Patterns lies not only in the beautiful designs but in the brilliant Blue-Diamond Finish.

FONTAINE PATTERN
ELECTRIC COFFEE PERCOLATOR SET

Chromium Plate, Blue Diamond Finish, Ivory Ar[illegible] Trim with Blue and Silver S[illegible] Cord, Push Button Switch, [illegible] Percolator, 10 cups. Size of Tray, 14½ x 21½ inches

No. 721005	Complete Set	$133.00
No. 7210	Percolator Only	69.10
No. 7210	Warmer	11.90
No. 72[illegible]	Sugar and Creamer	[illegible]
No. 72[illegible]	Tray	[illegible]

OLD ENGLISH PATTERN
ELECTRIC TOASTER

[illegible]

No. 7812 [illegible] $17.40

OLD ENGLISH PATTERN
ELECTRIC COFFEE PERCOLATOR

[illegible]

No. 7516 [illegible]

OLD ENGLISH PATTERN
ELECTRIC COFFEE PERCOLATOR SET

Chromium Plate, [illegible] Blue and Silver Silk [illegible] and Capacity of Percolator, 9 cups. Size of Tray 12 x 18 inches.

No. 724904	[illegible]	$[illegible]
No. 7249	Percolator Only	44.[illegible]
No. 744	Sugar and Creamer	[illegible]
No. 764	Tray	[illegible]

OLD ENGLISH PATTERN
ELECTRIC WAFFLE IRON

Chromium Plate, Blue Diamond Finish, Ivory Antique Casein Trim with Blue and Silver S[illegible] Cord, Push Button Switch in Cord. Has Heat Indicator which shows when waffle iron is hot enough for the batter. Aluminum Grids, 7½ inches in diameter.

No. 7324 Each $30.10

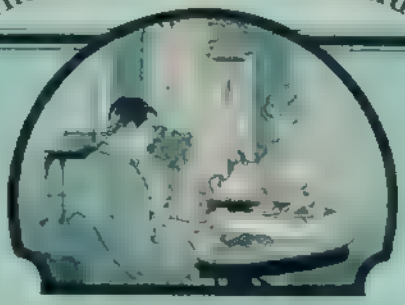
PRICES SUBJECT TO REVISION WITHOUT NOTICE

UNIVERSAL — The Electric Ware Beautiful — Jeweled Patterns

ELECTRIC TOASTER

Turn Easy Type. Nickel Plated. Push Button Switch in Cord. Beryllite Handles and Feet. Takes slice of bread 5½ x 5¼ inches.

No. 94412	Sapphire Blue	Each	$11 20
No. 95412	Garnet Red	Each	11 20
No. 96412	Jade Green	Each	11 20



Berylite Mountings in three colors, Sapphire, Garnet and Jade with Silk Cords and Crystal Tops to match. The treatment of the color idea in this line is original and attractive. It adds life and richness in perfectly good taste, fitting in with popular table decorations of the day. Berylite Mountings are of a composition of solid color throughout and will not fade or lose brilliancy

EMPIRE PATTERN ELECTRIC COFFEE PERCOLATOR

Nickel Plated. Push Button Switch in Cord. Beryllite Trim and Crystal Top and Silk Cord to Match.

		Capacity		
No. 94766	Sapphire Blue	6 cups	Each	$20 30
No. 95766	Garnet Red	6 cups	Each	20 30
No. 96766	Jade Green	6 cups	Each	20 30
No. 94769	Sapphire Blue	9 cups	Each	22 40
No. 95769	Garnet Red	9 cups	Each	22 40
No. 96769	Jade Green	9 cups	Each	22 40

EMPIRE PATTERN PERCOLATORS ONLY

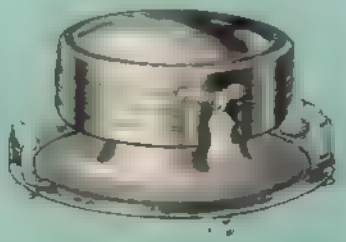
As Illustrated in Set

No. 94718	Sapphire Blue	Each $23 40
No. 95718	Garnet Red	Each 23 40
No. 96718	Jade Green	Each 23.40

EMPIRE PATTERN ELECTRIC COFFEE PERCOLATOR SET

Nickel Plated. Push Button Switch in Cord. Beryllite Trim with Crystal Top and Silk Cord to Match. Capacity of Percolator, 8 cups. Size of Oval Tray, 13 x 20 inches.

No. 9471804	Sapphire Blue	Complete Set $54 90
No. 9571804	Garnet Red	Complete Set 54 90
No. 9671804	Jade Green	Complete Set 54 90

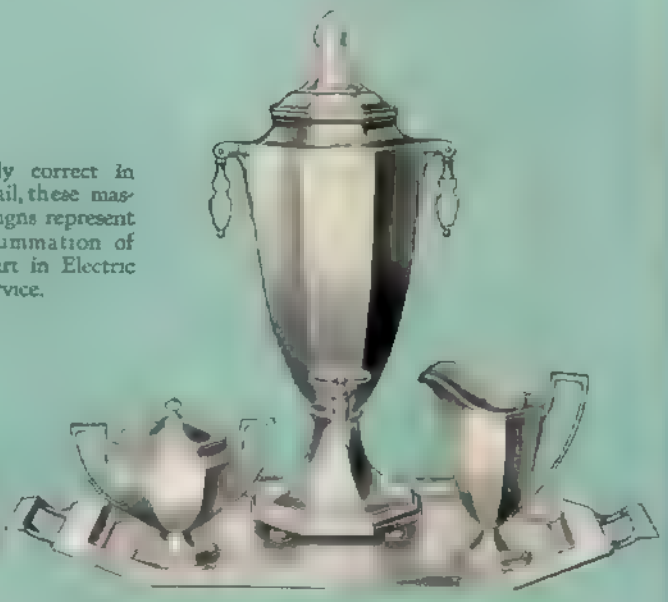


ELECTRIC WAFFLE IRON

Nickel Plated. Push Button Switch in Cord. Beryllite Handles and Feet. Has Heat Indicator which shows when Waffle Iron is hot enough for the best results. Diameter of Aluminum Grids, 7½ in.

No. 9474	Sapphire Blue	Each $23 40
No. 9574	Garnet Red	Each 23.40
No. 9674	Jade Green	Each 23.40

Artistically correct in every detail, these masterful designs represent the consummation of creative art in Electric Table Service.



TRIANON PATTERN ELECTRIC COFFEE PERCOLATOR SET

Nickel Plated. Push Button Switch in Cord. Capacity of Percolator, 9 cups. Size of Tray, 13 x 20 inches.

Ivory Antique Trims with Blue and Silver Silk Cord

9316904	Complete Set	$ 4 4	7620 Sugar and Creamer	$ 4 80
93369	Percolator Only	3 0	7620 Tray	1 60

Jade Green Berylite Trims with Silk Cord to Match

9636904	Complete Set	$ 4 4	7620 Sugar and Creamer	$ 4 80
96369	Percolator Only	3 0	7620 Tray	1 60

JEFFERSON PATTERN ELECTRIC COFFEE PERCOLATOR SET

Nickel Plated. Push Button Switch in Cord. Capacity of Percolator, 9 cups. Size of Tray, 13 x 18 inches.

Ivory Antique Trims with Blue and Silver Silk Cord

9311904	Complete Set	$ 5 5	1900 Sugar and Creamer	$22 40
93119	Percolator Only	3 0	1900 Tray	14 70

Jade Green Berylite Trims with Silk Cord to Match

9611904	Complete Set	$ 5 5	1900 Sugar and Creamer	$22 40
96119	Percolator Only	44 10	1900 Tray	14 70

VACUUM CLEANERS

UNIVERSAL SUPER-VAC

Different and Better. With Thread-Picking, Self-Cleaning Nozzle.

Gets all the dirt; gets none of the rug; the patented thread-picking, self-cleaning nozzle makes the Super-Vacuum the most efficient cleaner. Blunt projections on nozzle prevent sealing to the rug and easily remove all threads, lint and other surface litter while the powerful suction is getting all embedded dirt.

The Pistol Grip Handle may be firmly held without cramping fingers, eliminating awkwardness; switch control is placed at finger tips. 25 ft. of flexible tested cord gives ample radius for all rooms. Handle cord sets rigidly and is approved by National Board of Fire Underwriters. Positive, easily removed bag clamp secures end of bag through which dirt is emptied. Bag made of mercerized sunfast sateen, lined with close screened drilling, prevents escape of dirt. Inner sleeve acts as a valve, preventing dirt falling back into machine or on floor when emptying. Self-Locking Latch is released by the tip of the toe—easily allows the handle to become rigidly fixed to the machine. Used handily in cleaning stairs, carrying unusual classes of dirt. To hold the handle upright, simply rest it against an extended part of the fan case. No springs or wearing parts.

Hinged Handle Terminal eliminates exposed leads from motor to handle; positive wear-proof electric contact. Thumb screw above rear wheel permits raising and lowering of nozzle for cleaning various length rugs and carpets and bare floors. Two places to oil, marked on under side of motor. White vaseline used as lubricant. Wick feed to bearings insures constant, steady oiling. Permanent silver-like finish is due to use of alloy of nickel, silica, copper and aluminum cast in steel dies under 400 lbs. air pressure, instead of usual gravity casting by sand moulds.

No. 7201. Cleaner complete with attachments shown below Net wt., 16 lbs.; packed 30½ lbs...Each **$49 50**

ATTACHMENTS FOR No. 7201 VACUUM CLEANER

Set consists of the following units:

No. 1—8 foot Web Covered Hose.
No. 2—30 inch Extension Tube.
No. 3—7 inch Drapery Nozzle.
No. 4—Utility Nozzle Brush.
No. 5—Radiator Tool
No. 6—Circular Clothes Brush.

Attachments packed in a handy cretonne tool apron which adds greatly to convenience while using cleaner or storing tools.

VACUUM AUTO CLEANERS

UNIVERSAL

For closed cars, stores, offices, clubs, libraries, etc. Picks up threads, hairs, etc. Bristle bar, permanently attached, enables it to whisk up surface clinging debris along with the deeply embedded dust. Perfectly balanced—easy grip handle directly above motor minimizes wrist strain. Sleeve valve in bag prevents and dust from falling back into nozzle. Motor is turned on and off by touching the toggle switch located at the finger tips immediately below handle. Cast aluminum alloy motor case and nozzle. Blue dust-proof bag. 20 feet of connecting cord.

No. E115. Wt. pkd. ea. 8 lbs. Each **$13 50**
One in a carton.

ELECTRIC FANS

COOL SPOT JR

A small, inexpensive fan for home or office. Non-oscillating. All black except blades which are brass.

Cool Spot Jr. Weight packed, ea. 4 lbs. .....Each **$3 95**

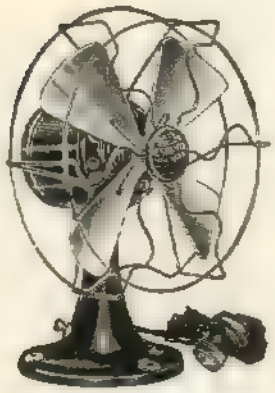
ESKIMO

Equipped with eight-inch blades, self aligning bearings, and swivel joint, but does not have on and off switch. It has a strong, sturdy little motor and the fan positively will not creep. Finished complete in black enamel, it offers for the trade a fan at a price that is within the reach of all. Operates on 110 Volts A. C. or D. C.

No. 5 .....Each **$5 00**

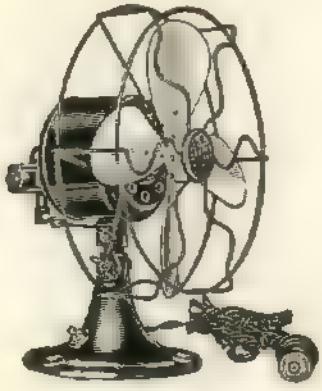
ELECTRIC FANS

ESKIMO



Has full nine-inch bronzed blades with on and off switch mounted in the base, self-aligning bearings and swivel joint and will not creep. It is priced to fill the big demand for a fan at a price everyone can afford. Operates on 110 volts A. C. or D. C.

No. 10 .....Each $6 00



Oscillating.

Two speed 10 inch oscillating. Has a very finished appearance, is guaranteed dependable, runs quietly and will not creep. There is a two-speed toggle switch in a heavy cast base. It has self-aligning bearings, swivel joint and is adjustable to any angle. Operates on 110 volts A. C. or D. C.

No. 20 .....Each $11 00

Oscillating.

Two speed 16 inch oscillating, hard rubber composition blades which overcomes the metallic sing, self-aligning shaft, tobin bronze socket ball bearing, encased in an oiling wick, fast and quiet and gives a large volume breeze. Operates on 110 volts A. C. or D. C.

No. 40 .....Each $17 00

WAGNER

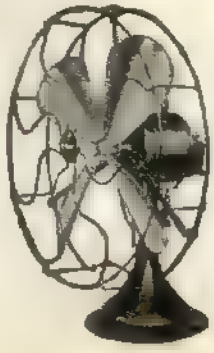
Induction type motor, well insulated and ventilated; cast iron base provides solid and well balanced support; dull black satin "Duco" finish; with blades of polished brass; oscillation release automatically stops fan operation when fan strikes obstruction; gear case cover die cast, sealed in place with screws; worm gears of bronze, shafts of steel makes for small wear and long life; oscillating adjustment permits changing arc of oscillation; oscillation arm gives uniform and jerkless oscillation and oscillation collar permits changing air paths; tilting clamp permits choice of breeze elevation; 8 ft. cord made to rigid specifications and designed for long life; insulated bushing protects cord from sharp edges; rugged guard supports with outside end openings, guard easily removed; front bearings made of bronze; fan blade deliver large volume of air with minimum of buzz or wind noise; 3 speeds, controlled by convenient lever switch in base; tilts backward or forward or converted to wall mounting position; can be rotated 90 degrees at bracket joint.

Alternating Current, 110 Volt, 60 Cycle, Oscillating, Three-Speed.

Size, in	10	12	16
Shipping wt. ea., lbs.	16	37	42
Each $17 50		30 00	35 00

Direct Current, 110 Volt, 60 Cycle, Oscillating, Three-Speed.

Size, in.	12	16
Shipping wt. ea., lbs.	37	42
Each $30 00		35 00



WAGNER VENTILATING

Alternating or Direct Current, 110 Volt.

For removing smoke, dust, or odors: mount in wall or partition, exhausting to outside air. Complete, ready to fasten wherever the necessary opening can be made; standard speed motors; 4 blades.

12 Inch Size. Ring diameter inside, 13 inches, outside 15¼ inches; bolt circle 14½ inches. Shipping wt. each, 38 lbs. .....Each $30 00

16 Inch Size. Ring diameter inside, 17 inches, outside 19¼ inches; bolt circle 18½ inches. Shipping wt. each, 44 lbs. .....Each $33 00

Heavily Silver Plated Articles for Men

Highest quality silver-plated on nickel-silver base (formerly known as Sheffield Plate) the best made and obtainable. Superb construction and faultless finish.
This showing comprises many suggestive articles of the higher grade for men. They serve their particular purpose to a satisfying degree and win decided favor of the recipient. The prices prevailing are correspondingly low.

GIFTS OF UTILITY

COCKTAIL SHAKER
Highest quality silver plate on nickel-silver base (formerly known as Sheffield Plate) the best made and obtainable. Very artistic embossed border. Height 11 ¼ inches. Capacity, 3½ Pints. Rich Butler Gray finish. Heavy weight. Finest workmanship and finish throughout. A real cluster!
No. 7A14X28 Each **$18.50**

COCKTAIL SHAKER
Highest quality silver plated on nickel-silver base formerly known as Sheffield Plate the best made and obtainable. Very artistic embossed border. Height, 12 inches. Capacity, 3½ Pints. Rich Butler Gray Finish. Heavy weight. Finest workmanship and finish. Distinctive
No. 7A14X37 Each **$18.50**

COCKTAIL SHAKER
A neat beveled design, enhanced with a beautiful embossed border. Highest quality silver plated on nickel-silver base formerly known as Sheffield Plate. The best made and obtainable. Height 12 inches. Capacity 3½ Pints. Rich Butler Gray Finish. Finest workmanship and finish
No. 7A14X26 Each **$18.25**

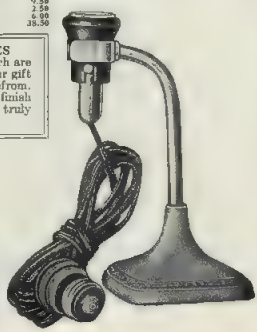
FUNNEL SET
Highest quality silver plated on nickel-silver base formerly known as Sheffield Plate the best made and obtainable. Rich Butler finish. Embossed border. Gold lined. Each set packed in flannel bag.
No. 7A20X35 Per Set. **$5.00**

BEVERAGE SET
This complete ensemble is of such a superior quality it will instantly appeal to the man that wishes the BEST. It is very heavily silver plated on nickel-silver base (formerly known as Sheffield Plate) the best made and obtainable. An artistic embossed band encircles each piece which adds to its beauty and relieves set of its severe simplicity. Is of unusual weight throughout, faultlessly constructed and excellently finished in a lovely Butler Gray.

Priced Each.		
No. 7A14X17A	Shaker, capacity 3½ Pints, each	$18.50
No. 7A14X17B	Ice Tub, diameter 8¾ inches, each	9.50
No. 7A14X17C	Ice Tongs, width 2 inches, each	2.50
No. 7A14X17D	Goblet, height 5½ inches, each	6.90
No. 7A14X17E	Tray, length, 26 inches, each	35.50

COMBINATION ELECTRIC LIGHTER AND ASH TRAY
Novel, practical and serviceable. Highest quality, silver plated on nickel-silver base formerly known as Sheffield Plate) the best made and obtainable. 4 Removable Green Glass Ash Trays. Diameter 6¾ inches. Beautiful embossed border. Rich Butler finish. Equipped with electric lighter, silk cord and plug. 110 volts Alternating current.
No. 7A36X11 Each **$11.00**

OUT-OF-THE ORDINARY GIFT ARTICLES
In this showing there are several articles which are not considered every-day gift items. Make your gift exclusive and distinctive by making selection herefrom. The quality is the BEST and the workmanship and finish are far superior to similar articles. Prices are truly interesting.



SILVER PLATED ELECTRIC LIGHTER
Pictured at right
Performs that right service which the well appointed home demands. Highest quality silver plated on nickel-silver base formerly known as Sheffield Plate. The best made and obtainable. Beautiful embossed border. Rich Butler finish. Height, 7 inches. Complete with silk cord and plug. 110 Volts alternating current.
No. 7A36X13 Complete. Each . . . **$8.90**

GRASS SHEARS

—BLUE GRASS—

Forged from one piece of best quality crucible steel, carefully tempered, set and sharpened. Full polished. Blades and bow 13 gauge steel.

Per Doz

No. B615—Lgth blades 6½ ins; lgth over all 13 ins.... $22 05
Half doz in cardboard box; wt per doz 8 lbs.

—PINE KNOT—

Forged from one piece of steel; full polished; etched blades. Carefully tempered, set and sharpened. Per Doz

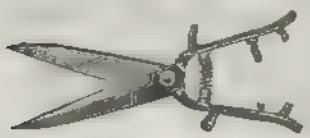
No. PK25—Length blades 5½ ins; length over all 12 ins $12 00
Half doz in cardboard box; wt per doz 8 lbs.

DOO-KLIP
Self-Tensioning and Self-Sharpening.

Heat treated, colored steel blades; green enameled steel handles.

As the blades are closed by pressure of the handles, the main pin projecting through the blades is thrown out of vertical line. A disc, riveted to the pin at the lower end, tips at the same angle, pulling the blades into cutting position. The blades clip with equal facility at all points small and large grass stalks. Per Doz

No. DK-5—Length blades 6 ins, over all 12 ins..... $33 00
One in carton; one doz in shipping carton wt doz 14 lbs.



Crucible steel blades, hardened and tempered; japanned malleable iron handles; tempered steel coil spring between handles; end latch for holding handles together when not in use. Per Doz

No. H9—Length blades 5½ ins; length over all 12 ins... $18 00
Half doz in carton; wt per doz 12 lbs.

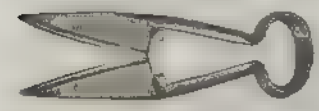
Polished crucible steel blades, hardened and tempered; japanned steel handles; tempered coil spring between handles; self opening spring latch that holds handles together when not in use. Per Doz

No. 09—Length blades 5½ ins; length over all 12½ ins.... $23 55
Half doz in carton; wt per doz 14 lbs.

DISSTON

Blades forged from Disston made steel, hardened, tempered, accurately ground, beveled and riveted to handles. Pressed steel offset handles with trowel shank, thumb and finger hold. The shears are closed by a two-way spring catch that acts as a positive lock and catch that releases automatically when handles are pressed together. Spring tension provided by valute type spring. Per Doz

No. 106—Length blades 6 ins; length over all 13½ ins.... $30 75
Half doz in cardboard box; wt per doz 13 lbs.



Straight blades, shanks and spring, stamped and forged from one piece of steel; shanks and cutting edges polished; spring natural finish.

Per Doz

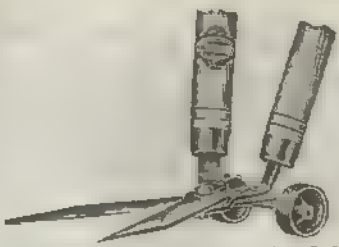
No. 16—Length blades 5½ ins; length over all 12 ins.... $8 70
Half doz in cardboard box; wt per doz 8½ lbs.

Straight blades, shanks and spring, stamped and forged from one piece of steel; natural finish.

Per Doz

No. 15½—Length blades 5½ ins; length over all 12 ins.... $7 95
Half doz in cardboard box; wt per doz 8 lbs.

LAWN TRIMMERS



—BLUE GRASS—

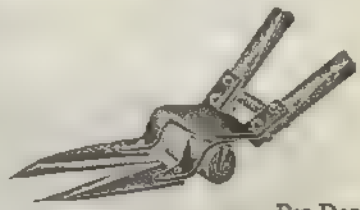
Shears are of steel, carefully ground and tempered, securely fitted into handles and mounted on two steel wheels; handles hardwood, varnished; bright steel ferrules.

Each

No. BG1062—Length blades 9 ins; length handles 36 ins..... $9 00
Packed loose, wrapped; wt each 10 lbs.

N. W.

Shears are of best quality steel, ground and tempered; malleable iron castings; hardwood handles bolted to shanks.



Per Doz

No. 1—Length blades 7 ins; length handles 48 ins..... $57 00
Quarter doz trimmers in wood box, handles loose; wt per doz 60 lbs.

HEDGE TRIMMERS

LITTLE WONDER, ELECTRIC

Steel cutter bar, blade and motor support; wood control grips; snap switch mounted on motor support.

Designed for cutting both top and sides of square, round top and fancy hedges. One person can easily operate the 30 or 40 inch size. The 60 inch requires two persons to operate.

Complete with ⅓₀ H. P. universal type motor, 100 feet of weather-proof extension cord and attachment plug.

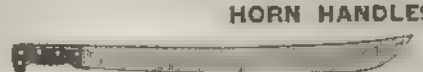
Operates on 110 volt A. C. or D. C. where cord does not exceed 1000 feet in length.

Nos.	LW30HT	LW40HT	LW60HT
Length of cut, ins	30	40	60
Wt each, lbs	28	32	40
Each	✦$276 00	✦$279 00	✦$306 00

One in box.

MACHETES

HORN HANDLES



Extra quality steel blade, hand forged; horn handle securely fastened with five iron rivets.

Per Doz

No. 460-24—Length 24 ins..... $54 00
Two doz in box.

✦F. O. B. Pennsylvania Factory Only.

Improved Class "F" Vertical Engine

This center crank vertical engine is well made throughout. The rods are of steel. The crank shaft of solid forged steel balanced, and the brasses are of phosphor bronze. It is very popular with the manufacturers of cement and concrete-mixers, the majority of mixers in the country being equipped with this engine.

A critical steam test of every Engine is made before it leaves our factory, and the necessary adjustments carefully made, so that the Engine is ready to run the moment it is placed in position and given steam.

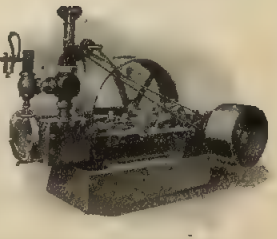
The fittings and fixtures comprise: Fly-Wheel, Pulley, Oil Cups, Sight feed Lubricator, Throttle Valve and Nipples, Governor and Governor Belt. Foundation Bolts and Washers will be furnished when ordered, at an extra cost.

Specifications

Horse-power	5	7	9	11
Size of Cylinder inches	4½ x 5½	5¼ x 7½	6¼ x 7½	7¼ x 7½
Revolutions per Minute	300	250	225	200
Diameter of Steam Pipe, inches	¾	1	1¼	1¼
Diameter of Exhaust Pipe, inches	1	1¼	1½	2
Diameter of Shaft, inches	1 11/16	2⅜	2⅜	2⅜
Diameter and Face of Wheel, inches	20 x 5	24 x 6	24 x 6	28 x 7
Diameter and Face of Pulley, inches	12 x 6	14 x 6⅝	14 x 6⅝	16 x 7½
Height from Floor to Center of Shaft, inches	10½	13½	13½	17¼
Height from Floor to Top of Cylinder, inches	43	54	54	63
Floor-space occupied, inches square	17	20	20	24
Approximate Weight, pounds	550	880	900	1,400
Prices—Regular Trimmings	$347.00	$438.50	$480.50	$537.00

Horse-power	14	18	22	30
Size of Cylinder, inches	7½ x 9	8½ x 10	9½ x 10	10 x 12
Revolutions per Minute	200	200	200	175
Diameter of Steam Pipe, inches	2	2	2½	3
Diameter of Exhaust Pipe, inches	2½	2½	3	3½
Diameter of Shaft, inches	2 15/16	2 15/16	3¼	3¾
Diameter and Face of Wheel, inches	30 x 7	36 x 8	42 x 9	44 x 10
Diameter and Face of Pulley, inches	16 x 7½	18 x 8	20 x 10	24 x 12
Height from Floor to Center of Shaft, inches	17¼	19¼	23½	24½
Height from Floor to Top of Cylinder, inches	67	70	79	88
Floor-space occupied, inches square	24	24	30	36
Approximate Weight, pounds	1,600	2,200	3,300	4,250
Prices	$714.50	$1053.00	$1326.00	$1597.00

Class "L" Horizontal Engine



This engine is suitable for all kinds of work where high speed and smooth running is required. It is correctly proportioned, especial attention having been given to distributing the metal along the lines of strain.

The bed is made with solid bottom and arranged to catch all drippings which are conveyed to an exit which has been provided.

The crank shaft is cut from a solid forging of the best quality of steel and is equipped with counter-balancing weights. The main bearings of the crank shaft are made especially large and strong.

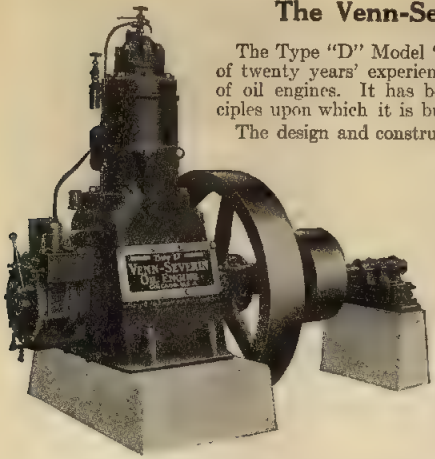
The connecting rod is equipped with extra heavy phosphor bronze boxes at each end. The crosshead end is of the solid end type, while the crank pin end is of the strap type. Both brasses are adjusted by means of wedges.

The crank pin and crosshead pin are long and of large diameter, giving very liberal wearing surfaces.

The fittings comprise. fly wheel, pulley, grease cups, sight-feed lubricator, throttle valve and nipples, automatic governor and governor belt. Foundation bolts and washers will be furnished, when ordered, at an extra cost.

Specifications

Horse-power	15	20	25	30	40
Size of Cylinder, inches	7½ x 9	8½ x 10	9½ x 10	10 x 12	11 x 14
Revolutions per Minute	225	225	225	200	180
Size of Steam Pipe, inches	1½	2	2	2½	3
Size of Exhaust Pipe, inches	2	2½	2½	3	3½
Size of Fly Wheel, inches	40 x 10½	44 x 10½	48 x 12½	52 x 12½	60 x 14½
Size of Pulley, inches	20 x 10	20 x 10	24 x 12	24 x 12	30 x 14
Diameter of Shaft, inches	2 15/16	2 15/16	3¼	3¼	4
Approximate Weight, pounds	1,700	2,100	2,800	3,300	4,700
Prices—Regular Trimmings	$853.00	$1008.00	$1232.00	$1431.00	$1994.00



The Venn-Severin Vertical Oil Engine

The Type "D" Model "M" Venn-Severin Oil Engine is the product of twenty years' experience devoted exclusively to the manufacture of oil engines. It has been most satisfactory in service. The principles upon which it is built are scientifically correct and practical. The design and construction leave nothing to be desired.

Clean Combustion

Combustion is perfect—the fuel is completely consumed—no residue or carbon—the exhaust is clear. That's the first essential of successful, lasting performance.

Low Compression

Operating conditions are the most practical of any oil engine. The cylinder pressures are moderate. The vibration and strains incident to high compression are absent—consequently the Type "D" Model "M" assures greater dependability, fewer repairs and longer life.

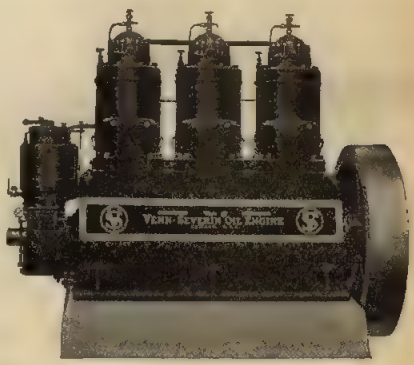
Special Construction

The Type "D" Model "M" incorporates the most modern ideas of engine design and refinement. Indeed, it is the only oil engine, without exception, having a rigid en-bloc frame construction, fully enclosed, yet quickly accessible and which permits inspection of all main bearings while the engine is running.

Nor has any other engine so many important refinements such as pressure-lubrication circulating system, forced-draft air-cooling of bearings, built-in lubricating oil filters and intake air cleaners, full floating piston, a 100% non-reacting governing system to maintain absolutely uniform speed and a leak-proof inflexible frame of the most attractive design, assuring permanent satisfaction.

Economy

The Venn-Severin Oil Engine is the most economical oil engine unit from all standpoints: First cost—maintenance—lubrication and fuel oil consumption—and ability to burn the low priced fuel oils. The fuel consumption guarantees average ½ pound of fuel oil per H.P. hour.



Sizes

B.H.P.	20	30	40	60	60	90	85	100	125	135	200	250	300
R.P.M.	400	400	300	277	400	400	300	360	277	300	300	277	327
No. of cyl.	1	1	1	1	2	3	2	2	2	3	3	4	4

Write for illustrated bulletin and prices.

VIKO ALUMINUM SETS

Child's aluminum 14 piece colonial kitchen set; polish finish, inside sun ray.

NO.	DOZ. SETS
148H	$40.50

Colonial aluminum tea set; thirty pieces; polish finish.

NO.	DOZ. SETS
234H	$29.50

Pastry set; 18 pieces. Aluminum, polished finish.

NO.	DOZ. SETS
118H	$22.50

Aluminum 9 piece Percolator set. Polished finish.

NO.	DOZ. SETS
155H	$18.00

Child's Aluminum Kitchen Set of 6 pieces. Polished finish.

NO.	DOZ. SETS
182H	$12.00

101H

107H

Child's 7 piece aluminum colonial tea set; polish finish.

NO.	DOZ. SETS
101H	$7.50

Child's 7 piece aluminum cooking, baking set; bright natural finish.

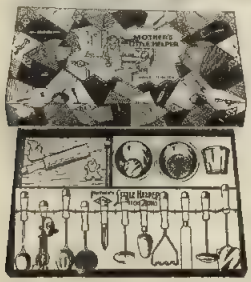
NO	DOZ. SETS
107H	$4.00

G

A & J KITCHEN SETS

Consists of bread board, two cookie cutters, spatula, measuring spoon, masher, apple corer, egg beater, glass egg bowl, scoop, batter spoon, ladle, cake turner, pie pan, bread pan, muffin pan and cookie pan.

NO.	DOZEN
T2729	$24.00



Consists of measuring spoon, egg beater, batter spoon, strainer, apple corer, ladle, scoop, masher, spatula, skimmer, turner, bread board, rolling pin and two cookie cutters.

NO.	DOZEN
T729	$27.00

Consists of bread board, rolling pin, two cookie cutters, measuring spoon, egg beater, apple corer, ladle, scoop, and spatula.

NO.	DOZEN
T1029	$12.60

No. 13 **8 Piece Set** **No. 12**

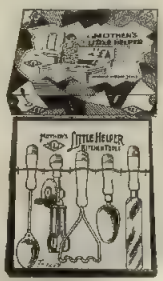
Consists of ladle, spatula, beater, masher; can opener, cake turner, and two spoons.

NO.	DOZEN
13	$10.00

4 Piece Set

Consists of masher spatula, strainer and spoon.

NO.	DOZEN
12	$7.25



Consists of measuring spoon, egg beater, masher, scoop and spatula.

NO.	DOZEN
T1229	$5.90

4 Piece Set

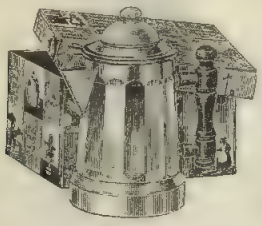
All metal parts heavily nickel plated. Handles waterproofed before enameled. Finished in green or blue.

Consists of spoon, ladle, beater, turner.

NO.	DOZEN
11	$7.00

G VIKO NURSERY RHYME TOY SETS

These are the standard, quality aluminum toy sets. These toy sets are packed in nursery rhyme boxes, irresistibly attractive with their bright colors and amusing pictures. They are useful, sanitary and unbreakable.



Child's Percolator Coffee Pot

Polish finish. Welded spout, detachable handle; nickeled brass hinge; sturdy rivets. Substantially constructed percolating inset.

NO.	Cap.	Diam. Bot. In.	lb Doz	DOZEN
8650-H	1 pt.	3¼	9	$17.00

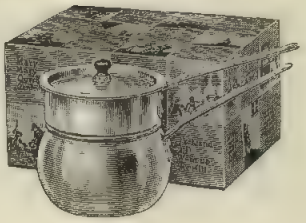
One in a box.

Childs' Colonial Toy Coffee Percolator

Polish finish. Clinched spout. Glass top. Rust proof hinges and substantially constructed inset.

NO.	Capacity	Dia Bottom	DOZEN
270-H	½ pt.	2½ in.	$8.75

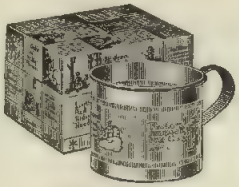
One in a box.



Child's Double Boiler

Polish finish. Cover fits both upper and lower vessel. Inset—Cap. 7 pints. Diam. bottom, 2⅝ in.; Bottom—Cap. 10 pints. Diam. bottom, 2⅝ in.

NO.	lb Doz.	DOZEN
4095-PH	12	$8.00



Child's Cup

Combination satin and polish finish, knurled; stamped with animal designs.

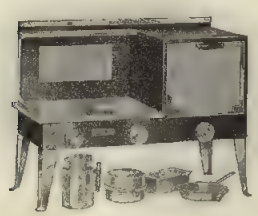
NO.	Capacity	Dia. Top	DOZEN
2284-H	6 oz.	2¼ in	$3.25

Child's Tea Pot

Polished finish, knurled.

NO.	Cap.	Diam. Bot. In.	lb Doz	DOZEN
186-PH	½ pt.	1⅝	6	$5.50

EMPIRE ELECTRIC MINIATURE RANGES G



Equipped with three separately controlled heating elements. The legs, door frame, cooking top, shelf and trimmings are nickel plated. Oven door and back panel are porcelain. Black japanned heavy steel body. Operates from any standard wall or floor socket. Four aluminum utensils furnished with each range as listed: Two-cup percolator, 7-in. fry pan, pie tin and six muffin and cake tin.

NO.	Size In.	Watts	lb	Ea.	Std. Pkg.	EACH
B25	21¼x16¾x9¾	1150	24	1	....	$27.00

Large single oven. Baked white enamel oven doors and back panel; black japanned frame. The legs, door, frame, cooking top and shelf are nickel plated. Equipped with four aluminum cooking utensils, tea kettle, cake and bread pan, pie plate and fry pan with receipt folder. Operates on any standard electric light socket.

NO.	Size In.	Watts	lb	Ea.	Std. Pkg.	EACH
B26	10¾x6¾x16½	550	10	3	.....	$10.00

Black japanned body. Two heavily constructed side ovens with baked white enamel doors and back panel. Cooking top, shelf, door frames and legs are heavily nickel plated. Equipped with four aluminum cooking utensils, tea kettle, cake and bread pan, pie plate and fry pan. Operates on any standard electric light socket.

NO.	Size In.	Watts	lb	Ea.	Std. Pkg.	EACH
B27	15x15x7½	600	13	3	... .	$13.40

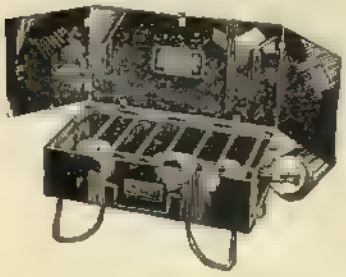
Single oven. Green enamel oven door. Black japanned frame. The legs, door frame, and cooking top are nickel plated. Equipped with four aluminum cooking utensils. Operates on any standard electric light socket.

NO.	Size In.	Watts	lb.	Ea.	Std Pkg	EACH
B23	8 x8¼x 4	175	..	.. ....	.. ..	$2.30
B24	10¾x5¾x13½	550	8	6	.....	5.00

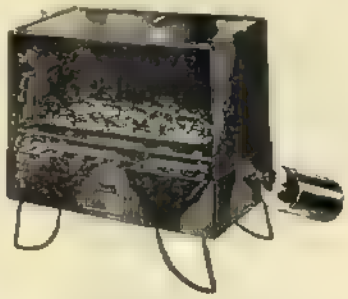
AMERICAN KAMPKOOK

THE IDEAL CAMP STOVE

Kampkook provides for camp life all the convenience, cleanliness and comfort of your kitchen range. In camp or on the road it is always ready, instantly, for any cooking job. Because of the easy, sure method of generation it lights quickly in any weather, set up and going full blast in two minutes. Only the master burner must be generated. When lighted it produces gas for the other burners which are turned on or off as wanted just like city gas. Kampkook does not require special fuel. It makes and burns its own gas from common roadside motor gasoline.



Kampkook Nos. 1-3



Kampkook No. 8

Kampkook No. 77

	Each
KAMPKOOK No. 1 Two burners, steel grate hinged to case, 10x17½ inch cooking surface, folding adjustable wind shield. Tank holds one quart—three hours supply for both burners. Folds to 3½x10x17½ inches. Weight 11 pounds	$ 6 30
KAMPKOOK No. 3 Two burners, steel grate, 8x14½ inch cooking surface folding adjustable wind shield. Tank holds one quart—three hours supply for both burners. Folds to 3½x8x14½ inches. Weight 9 pounds	5 50
KAMPKOOK No. 8 America's finest camp stove. Bakes, broils, roasts—in fact does everything you can do with your kitchen range. Two burners, 10½x19½ inch cooking surface, improved iron grate. Tank holds two quarts—six hours' supply for both burners, and has built-in air pump. Olive drab enamel finish. Size of oven, 19x10 inches. Folds to 4⅞x10⅞x19⅝ inches. Weight 21 pounds	11 00
KAMPKOOK No. 77 This is the most popular size and the most convenient if one does not require an oven. It is instant lighting, has two wind proof burners and 9½x10½ inch cooking top. The built-in adjustable wind shield may be folded back and supported by the end sections used as a back shelf which is even with the cooking top. The fuel capacity of the tank is two quarts which will supply both burners for six hours. Kampkook No. 77 is finished in durable olive drab baked enamel with red lacquered tank. It folds to 4¼x10½x19½ inches and weighs 15 pounds	9 00

Kampkook No. 10

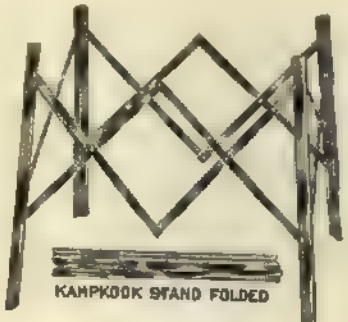
KAMPKOOK No. 10. Same construction as No. 77, with three burners. Has 10½x26 inch cooking surface. Olive drab enamel finish. Tank holds two quarts—four and one-half hours' supply for all burners, and has built-in air pump. Folds to 4¼x10⅞x26 inches. Weight 20 pounds — 14 00

READYKOOK STOVE

The American Readykook is indeed the perfect stove for scores of uses for light housekeeping, summer cabins, house cars, home economics and laboratory work in schools, camping, etc. It is an ideal laundry stove.

The manifold, generator and burner assembly is the same as that of the famous American Kampkook. The design of these essential parts, and the materials used have been thoroughly tested and proved throughout the many years that American Kampkooks have been sold. The fuel tank is made of heavy gauge, special alloy coated rust resisting Toncan iron. All seams are electrically welded and every tank is tested to many times the small amount of pressure required in operation. Tank is fitted with the American Instant Lighter carburetor with regulating and cleaning needle which prevents flooding and insures perfect lighting and operation. Readykook has a heavy iron grate with all edges and corners rounded; easy to keep clean. The American Readykook is 9 inches high; width, 12 inches; length, 27½ inches, size of cooking grate, 9½ by 19 inches.

	Each
Readykook Stove	$12 50



KAMPKOOK STAND FOLDED

FOLDING KAMPKOOK STANDS

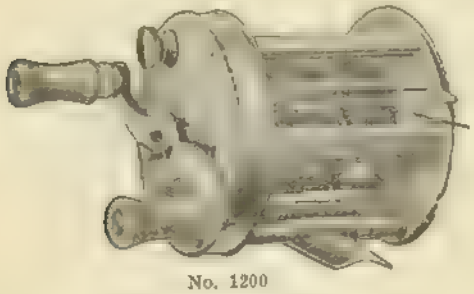
		Each
No. 39.	Folding Stand for No. 3 Stove	$1 50
No. 40.	Folding Stand for No. 7 Stove	1 80
No. 41.	Folding Stand for No. 10 Stove	2 00

AUTO SIPHON

The Auto Siphon is the only practical device for filling automobile vacuum tanks. Just the thing for campers for filling Kampkooks, gasoline lanterns, etc.

Auto Siphon, each — $1 00

SOUTH BEND REELS

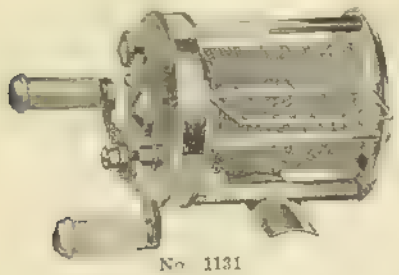


No. 1200

SOUTH BEND LEVEL-WINDING, ANTI-BACK-LASH CASTING REEL

Made of Liberty Silver, with Ivoroid double grip. Level winding parts are now given a heavy deposit of chromium which will not corrode and which, because of its hardness (next to the diamond) greatly increases the service given by these parts. Agate jeweled spool caps, one of which is adjustable. Has quadruple multiplying gearing. Capacity, 100 yards.

	Each
No. 1200 Reel	$20 00
No. 1200 Left-hand Type Reel	25 00



No. 1131

SOUTH BEND ANTI-BACK-LASH REEL

Beautifully made of Liberty Silver, with double Ivoroid grips, and jeweled spool caps, one of which is adjustable. Has quadruple multiplying gear. Capacity is 100 yards.

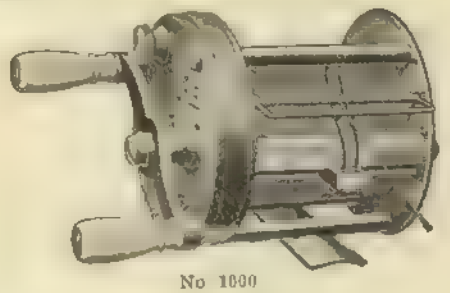
	Each
No. 1131 Reel	$10 00
No. 1131 Left-Hand Type Reel	15 00

No. 550

LEVEL-WINDING ANTI-BACK-LASH REEL

Frame is highly nickel-plated brass with double grip of black Ivoroid riveted to crank. Quadruple multiplying gears of hunting-tooth train type, that equalizes the wear on all teeth. Spool bearings run in bronze bushings. Adjustable spool caps. Capacity, 100 yards. Packed one in a box. Weight, 8½ ounces each.

	Each
No. 550 Level-Winding Anti-Back-Lash Reel	$ 5 50

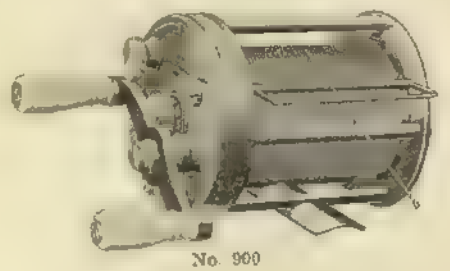


No 1000

ORENO LEVEL-WINDING ANTI-BACK-LASH REEL

Highly silvered finish with double grip. Quadruple multiplying gear. Level winding parts are now given a heavy deposit of chromium which will not corrode and which because of its hardness (next to the diamond) greatly increases the service given by these parts. Jeweled spool caps. Capacity, 100 yards.

	Each
No. 1000 ORENO Level Winding Anti Back-Lash Reel	$8 50

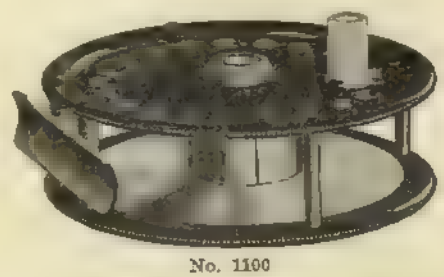


No. 900

ORENO ANTI-BACK-LASH REEL

Highly silvered finish with double grip. New improved rod clip of substantial construction. Quadruple multiplying gear. Capacity, 100 yards.

	Each
No. 900 ORENO Anti-Back-Lash Reel	$ 6 50



No. 1100

ORENO FLY ROD REEL

The new improved Oreno Fly Rod Reel is of the newest design which combines great strength and very light weight with an exceptional capacity of 100 yards of size G Flexible Soft Finish Line. The frame and spool are made of special aluminum alloy to withstand corrosion. Spool staff made of hard bronze for long wear. The click is adjustable to different degrees of tension, and is held in position by a hard phosphor-bronze spring on each side. It is also reversible, giving double life to this part.

One end of spool perforated for line drying. A unique horseshoe-shaped perforation on the spool hub is for convenient attaching of the line. The Oreno Fly Rod Reel is beautifully finished in Duco. Diameter of spool, 3 inches. Width, 1 inch. Packed one in a box. Weight, 5 ounces.

	Each
No. 1100 ORENO Fly Rod Reel	$ 6 00

GENDRON VELOCIPEDES

No. 77

FRAME—Seamless steel tubing with malleable joints riveted and hand brazed.
BEARINGS—Front wheel bearings are balls and run on hardened tool steel cups and cones. Ball bearings also in rear wheels.
HANDLE BARS—Full nickel-plated Kelly adjustable handle bars with rubber grips.
BELL—On handle bars, as shown.
SADDLE—With padded top, double coil springs, tool bag.
MUD-GUARD—Over front wheel.
PEDALS—Bicycle ball bearing, rubber pedals.
WHEELS—Crescent steel rims. Tangent nickel-plated spokes and nipples. Nickel-plated hub caps on rear wheels.
TIRES—1¼-inch cushion rubber tires.
FINISH—Frame, fork and steel rims enameled in baked black enamel, striped in gold.
Packed one in a carton.

No. 76—Front wheel, 18 inches; rear 10 inches	$18 50
No. 77—Front wheel, 20 inches; rear 14 inches	22 80
No. 78—Front wheel, 24 inches; rear 16 inches	26 40

No. 47

FRAME—⅞-inch tubing, rear axle center brace.
FORK—With arched fork crown.
FORK BEARING—The balls run on steel cups with adjustable cones. Ball bearing in rear wheels.
HANDLE BARS—Full nickeled adjustable handle bars with rubber grips.
SADDLE—With padded top, and double coil springs
WHEELS—Hubs are nickel plated, tangent wire spokes and nipples.
PEDALS—Plain bearing rubber pedals
TIRES—1-inch ribbed rubber tires.
FINISH—Frame, fork and steel rims baked Welkin blue enamel and striped in gold.

	Each
No. 45—Front wheel 12 inches; rear 8 inches	$13 30
No. 46—Front wheel, 16 inches; rear 10 inches	14 40
No. 47—Front wheel, 20 inches; rear 14 inches	17 40
No. 48—Front wheel, 24 inches; rear 16 inches	20 90

Packed three in a carton. Add 25c each net for broken cartons.

COLUMBIA AEROPLANE No. 10

SPECIFICATIONS—Length over-all, 45 inches. Width over-all, 25 inches
FINISH—Body grey, trimmed in tangerine. Wheels and seat red striped with yellow. Rudder and wings and propeller natural finish, striped in tangerine. Blue star insignia on wings. Gear, black enameled
EQUIPMENT—Rubber pedals, stationary wings, automobile steering wheel.
WHEELS—12x⅝-inch R. T. disc front wheels, 7x⅝-inch R. T. disc rear wheels
Each $13 50

No. 57
Tubular Truss Frame

FRAME and FORK—Seamless tubing. Arched fork crown, nickel plate.
BEARINGS—Ball bearings in wheels and pedals.
HANDLE BARS—Full nickeled adjustable handle bars, with leather grips.
SADDLE—Motor-bike saddle.
WHEELS—Nickel-plated hubs, tangent piano wire spokes and nipples.
TIRES—1-inch cushion on both front and rear wheels.
FINISH—Frame, forks and steel rims enameled in red and striped.

	Each
No. 56—Front wheel, 16 inches	$15 80
No. 57—Front wheel, 20 inches	19 80
No. 58—Front wheel, 24 inches	22 80

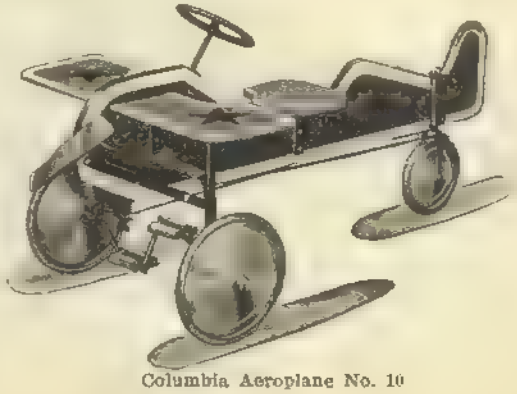
Packed one in a box.

No. 40
TUBULAR FRAME

FRAME—⅞-inch tubing, with rear axle center brace. Seat post frame casting is brazed to backbone making the frame at seat post doubly strong.
HANDLE BARS—Nickel-plated, adjustable, with rubber grips.
SADDLE—With padded top and coil springs.
PEDALS—Rubber pedals, plain bearing.
TIRES—1-inch rubber tires.
FINISH—Frame and fork enameled Nile blue and striped. Wheels, enameled in Nile blue.

	Each
No. 40—Front wheel, 14 inches; rear 9 inches	10 60
No. 41—Front wheel, 16 inches, rear 10 inches	12 20
No. 42—Front wheel, 20 inches; rear 14 inches	14 50
No. 43—Front wheel, 24 inches; rear 16 inches	16 60

Packed two in a carton. Add 25c each net for broken cartons.



Columbia Aeroplane No. 10

REACH FIELDERS' GLOVES

No. 3L

No. 59

No. RF3

No. [illegible]

No. 3L. A full size professional model of oil treated horsehide. Lined with glove leather. Leather welted seams. Laced wrist. Special padding with deep pocket. Made on our wide little finger model. Each $5 00

No. 59. Made of genuine black horsehide, guaranteed for wearing quality. Full leather lining. All seams are leather welted. Laced wrist. Wide little finger model with deep wide pocket. An exceptional value..... 3 00

No. RF3. The "Babe" Ruth Home Run Special Fielders' Glove. Good quality genuine black horsehide with a full leather lining. Leather welted diverted seams. Wide little finger model with deep pocket. Trap handmade padding is fitted into each glove. Special trap lacing at thumb ... 3 00

No. G-300 Penn-York. Made of oil-dressed horsehide leather. Full leather lining. Laced wrist permits adjustment of padding. Special trap lacing at thumb. All seams are leather welted 3 00

No. G250 Penn York. A full size professional model, made of oil-treated horsehide. Lined with glove leather. Leather welted seams. Laced at wrist to permit change or adjustment of padding 2 50

No. G200 Penn York. Made of oil treated brown horsehide leather. Leather palm lining. Laced wrist permits adjustment of padding. Leather welted. Patterned along professional lines to give the best playing qualities. 2 00

No. 1G. Made of oil-dressed horsehide leather. Full leather lining. Laced wrist. A duplicate of the regulation Professional Model. One of the best popular-priced gloves in our line 2 50

No. 10W

No. 56

No. 4G

No. 24

No. 10W. Genuine cream horsehide leather with a full leather lining. Leather welted diverted seams. The laced wrist allows hanging of padding. Patterned along professional lines to give the best playing qualities 1 00

No. 56. Made of real cream horsehide. Felt padding. Leather palm lining. Leather binding. Regulation men's size. An exceptionally good value, and we guarantee each glove to give satisfactory service $1 50

No. 4G. Made of black horsehide leather. Youths' size. Khaki lined, with leather palm. Medium padded heel. Deep pocket. Carefully made to give good service 1 00

No. 24. Youths' size. Outseam model. Made of genuine horsehide leather. Felt lined palm and padded heel ... 75

REACH BASE BALL UNIFORMS

No. D. COLLEGIATE. Best quality flannel. Good, substantial weight. Popular patterns, colors and stripes. Cap, shirt, pants, belt and stockings

MADE IN SEVEN PATTERNS OF CLOTH

No. D1. White
No. D2. Steel
No. D3. Pearl
No. D4. Brown Gray
No. D6. White, Navy Stripe
No. D7. Steel, Hair Line Green Stripe
No. D9. Pearl, Navy Stripe

SUIT	$21 00
Extra Shirt	10 50
Extra Pants	7 50
Extra Cap	1 25

No. E. CLUB. Special quality flannel; good, serviceable weight selected patterns, colors and stripes Cap, shirt, pants, belt and stockings.

Made in Seven Popular Patterns of Cloth

No. E1. White
No. E3. Pearl
No. E4. Brown Gray
No. E6. White with Navy Stripe
No. E7. Steel with Green Stripe
No. E8. Brown Gray with Navy Stripe
No. E9. Pearl with Navy Stripe

SUIT	$20 00
Extra Shirt	$9 50
Extra Pants	7 00
Extra Cap	1 10

NOTE—Suit price includes lettering on shirt of two plain five-inch block letters or monogram in two plain letters.

No. F. HIGH SCHOOL LEAGUE. Good quality mixed flannel; serviceable weight; popular patterns, colors and stripes. Cap, shirt, pants, belt and stockings.

MADE IN FOUR SELECTED PATTERNS OF CLOTH

No. F3. Pearl
No. F6. White with Navy Stripe
No. F9. Pearl with Navy Stripe
No. F4. Brown Gray

SUIT	$18 00
Extra Shirt	[illegible]
Extra Pants	6 50
Extra Cap	1 00

NOTE—Suit price includes lettering of club name or monogram on shirt

No. H. AMATEUR. Serviceable flannel selected patterns, colors and stripes. Same workmanship and style as our other grades. Cap, shirt, pants, belt and stockings

Made in Two Patterns of Cloth

No. H6. White with Navy Stripe
No. H9. Gray with Navy Stripe

SUIT	$9 00
Extra Shirt	5 00
Extra Pants	3 50
Extra Cap	

NOTE—Suit price includes lettering on shirt of two plain five-inch block letters or monogram in two plain letters.

No. 1C

No. 3C

Rubber center wound with fine wool yarn, horse hide cover, stitched with double red and blue thread.

Each $1 25

A. J. REACH CO.'S BASE BALLS

No. 0. This is the Reach "Official American League Ball." New construction. Cushioned Cork Center, devised and patented by us. Makes the life of the Reach ball exceed its former record of being "as good in the ninth as it was in the first." The new Cushioned Cork Center consists of a lathe turned perfect sphere of live cork, surrounded by a cover of black semi-vulcanized rubber, over which is vulcanized another cover of red rubber. This new construction insures absolute roundness of every core, which produces perfect balance and greater wearing and enduring qualities of the ball. Super quality wool yarns, spun in the Reach factory, perfected winding methods and the finest horsehide covers, combine in making the one perfect Base Ball

No. 0, each..... .....$2 00

No. 1C. New number. Made with the regular Reach patent Cork and Rubber Center. Highest grade Reach spun wool yarns. Selected horsehide covers, combined with extreme care in details of construction, make this superior to any rubber center ball. Before the invention of the Cushioned Cork Center ball this ball was the leader in the baseball field. Fully guaranteed. Strictly Official in all requirements.

No. 1C.....$1 [illegible]

No. 1J Same construction Junior size 1 25

No. 9

This ball is made in Junior size and weight. Genuine horse hide cover

Each 50c

No. 8

Durable materials are used in the construction. A well stitched, strong horse hide cover assures wear. It is made in regulation size

Each 50c

No. RHR

No. RHR "Babe Ruth" Home Run Special. Horsehide cover. Extra lively center construction. Regulation size and weight.

Each $1 00

No. 9B

The Scout League is a boys' size, sturdily constructed ball. It has a stout waterproof, imitation leather cover and is well stitched with strong thread.

Each 25c

No. 12

Boys' size. Strong waterproof, imitation leather cover, well stitched with heavy thread.

Each 10c

REACH PLAYGROUND AND INDOOR BALLS

Reach Official Indoor and Playground Balls are made under patent construction methods which assure retention of shape. Oil tan, white horsehide covers, stitched with linen thread. Other grades are substantially made of materials selected for the purpose.

No. 111

OFFICIAL INDOOR BALLS

		Each
No. 116.	16 inch.....	$2 25
No. 114.	14 inch.....	2 00
No. 112.	12 inch..	1 75

OFFICIAL PLAYGROUND BALLS

		Each
No. P14.	Outseam. 14 inch.....	$2 00
No. P12.	Outseam. 12 inch.....	1 75

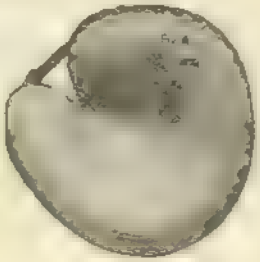
REGULATION PLAYGROUND

		Each
No. 50B.	Horsehide cover, 14-in..	$1 25
No. 40B.	Horsehide cover, 12-in..	1 00
No. 30B.	Horsehide cover, 11½-in	1 00
No. 25B.	Imitation leather cover, 11½-in.	50
No. 10B.	Imitation leather cover, 10-in.	25
No. 300.	Recreation Ball.... .	1 00

REACH CATCHER'S MITTS

No. 12A

No. 41



No. 8A

No. 33

No. 12A. THE PERFECT CATCHERS' MITT
DOUBLE FACE

Two faces each moulded from a single piece of leather, give double wearing quality and perfect catching ability to this Mitt. The outer face will retain the pocket so the ball will always stick when caught. The inner face is moulded to exactly the same shape as the outer one and is firmly sewed to the hand-made asbestos felt padding.

An additional feature is the King Patent Lacing Device which is affixed to the padding permitting the face and back lacing to pass through the eyelets on the pad and hold securely in place

The thumb and body of the Mitt are made adjustable by a strap and a buckle

This Mitt is made entirely of the most perfect selection of Reaco Dark Brown Horse Hide. All seams are double stitched and leather welted. Edges bound with rolled Black Leather. Strong leather lacing A specially prepared felt is used for the padding.

No. 12A. The Perfect Catchers' Mitt, each.....$16 00

No. 41. Made of high-grade Reaco Dark Brown Horse Hide. Leather binding. Leather welted. Double stitched seams. Special Hand formed Padding Strap and buckle thumb adjustment. Strap and buckle at wrist with hand protector.....$10 00

Each

No. 8A. Finest selection of Golden Grain, Reaco Horse Hide. Rolled Leather binding. Leather welted and Double stitched seams Special Hand-formed Padding Strap and buckle thumb adjustment.....$15 00

No. 33. Special Professional Moulded Model. Made of Reaco Golden Grain Horse Hide. Hand formed felt padding. Rolled leather binding. Leather laced 8 50

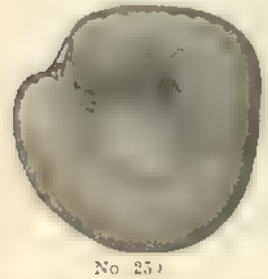
No. RC1

No. RC2

No. RC1. The Babe Ruth Home Run Special Catcher's Mitt. A regular big league professional model Made of selected light brown, smooth grained horsehide The fingers are double stitched to the back. The edges are leather bound and laced..... $8 50

No. RC2. The Babe Ruth Home Run Special Catcher's Mitt. Compact and snug fitting, it hugs the hand and the built-in, molded pocket is always in the right place. Made of real horsehide of a dark brown color. Bound and laced edges..... 6 00

No. M500 Penn York. Made with genuine brown oil-treated horsehide face. Golden grain horsehide back and fingers. Leather laced edge Trap lacing at thumb. Double stitched seams. Laced and padded strap at wrist..... 5 00



No. 250

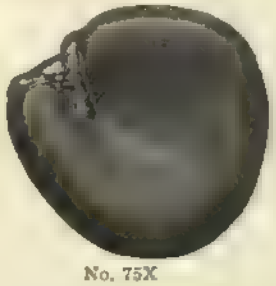
No. 200

Each

No. 250. A semi-molded mitt. Made with genuine cream horsehide face and fingers Brown horsehide back Double stitched seams. Leather lacing. Strap-and-buckle wrist with hand protector. Trap lacing between thumb.....$5 00

No. 200. Made entirely of a special Black Horse Hide. Laced edge. Double stitched seams..... 4 00

No. M400 Penn-York. Made with genuine cream horsehide face and fingers. Olive horsehide back and strip. Double stitched seams. Correctly padded. Leather laced. Trap lacing between thumb and face. Strap and buckle at wrist..... 4 00



No. 75X

No. 65X

No. 75X. Brown tan face, fingers and back. Bound edge. Lacing adjustment at thumb Full size.....$ 1 50

No. 65X. Tan leather face, fingers and back. Lacing adjustment at thumb. Youth's size..... 1 00

No. 100

No. 150 Face and fingers of Ecru Horse Hide Leather Black Leather Back and Strip. Full size.....$ 3 00

No. M300 Penn-York. Made with genuine cream horsehide face. Golden grain horsehide fingers and strap. Leather laced edge Trap lacing at thumb Strap and buckle at wrist..... 3 00

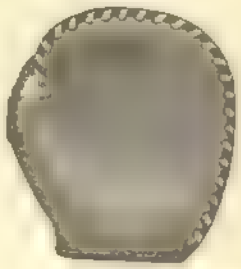
No 100. Olive Mitten Leather face, back and fingers Black leather strip. Lacing adjustment at thumb.. 2 00

No. 150

REACH BASEMEN'S MITTS

No. 3BB

No. C



No. 4AB

Each

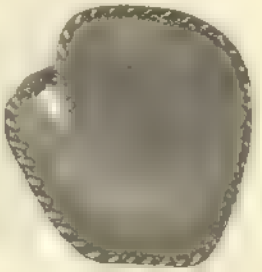
No. 3BB. The Lou Blue Model. It is a roomy mitt of good size but neither clumsy nor heavy. Made of the finest Reaco oil-tempered horsehide. Lined with soft pearl glove leather. A special hand-made pad is fitted into each mitt. The pocket is wide and deep and the trap thumb lacing allows the player to make further adjustment of depth of pocket. Laced edge permits change of padding if desired. Strap-and-buckle at wrist with hand protector..... $11 00

No C. The Joseph I. Judge Model. Made of the finest oil-treated Reaco horsehide. Lined with soft pearl glove leather. The trap lacing between the thumb and face of mitt permits adjustment of depth of pocket. Strap-and-buckle at wrist with hand protector under buckle. The laced edge allows change or adjustment of padding if desired..... 10 00

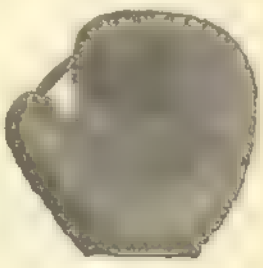
No. 4AB. The Jim Poole Model. The ideas Jim Poole gave us resulted in the 4AB Model. Made of selected Reaco golden grain horsehide. Hand made and hand-fitted padding. Laced edge, trap thumb lacing, strap-and-buckle at wrist with hand protector..... [illegible]

No. RB2

No. 4X



No. 4R



No. R

No. RB1. The "Babe" Ruth Home Run Special Basemen's Mitt. Made of light brown horsehide and fitted with hand-made felt pad with the natural built-in pocket. The edges are leather bound and leather laced. Strap-and buckle at wrist with protector to prevent buckle from rubbing the hand. Lacing between thumb and face permits adjustment of depth of pocket..... $6 00

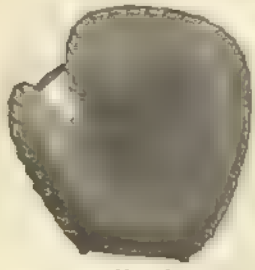
No. RB. The "Babe" Ruth Home Run Special Basemen's Mitt. [illegible] Made entirely of brown horsehide leather. Leather laced edge. Lacing between thumb and face permits adjustment of depth of pocket. Laced wrist strap. Regulation size..... 3 50

No. 4X. A standard professional model. Made of choice oiled horsehide. Glove leather lining. Rolled leather binding. Hand-made, felt padding. Laced around entire edge. Strap-and-buckle at wrist. Trap thumb lacing..... 5 00

No. B500 Penn-York. Made of fine oiled brown grained horsehide with glove leather lining. Laced glove thumb model. Hand-formed [illegible] Leather [illegible] Laced strap at wrist, well padded..... 7 00

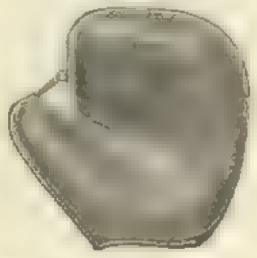
No. B400 Penn-York. Made of choice oiled horsehide. Glove leather lining. Hand-made felt padding. Leather laced edge. Trap thumb lacing. Laced and padded strap at wrist..... 4 00

No. 4R. Made entirely of choice ecru horsehide. Strong leather binding. Leather laced [illegible] Trap lacing at thumb. Strap-and-buckle at wrist..... 4 00



No. 2R

No. XR



No. 3R

No. FB

No. 2R. Made entirely of [illegible] horsehide leather. Leather laced. Strap-and-buckle at wrist. Trap thumb lacing. Hinge pad. Regulation size..... $3 00

No. B250 Penn-York. Made with genuine cream horsehide face and fingers and mahogany leather back and black strip. Leather laced edge. Trap lacing at thumb. Strap and buckle at wrist..... 2 50

No. XR. This mitt is made entirely of brown horsehide leather. Laced edge. Strap-and-buckle at wrist. Medium size. Correctly padded..... 2 00

No. 3R. Full size. Made of cream horsehide leather. Bound edge. Well padded. Strap-and button wrist. Laced thumb..... 1 50

No. FB. Genuine horsehide leather face and back. Khaki lining. Bound edge. Carefully padded. Youths' size. 1 00

REACH FIELDERS' GLOVES

No. MF

No. ECA

No. RFO

No. JD

Each

No. MF. Reach "Scoop" Model. The leather used in this glove is the finest oil treated Reaco horsehide with pearl glove leather lining. Leather welted seams. Rolled leather binding. Special trap lacing between thumb and first finger. Laced wrist... $9 00

No. ECA. The Eddie Collins. Made of the very finest selection of Reaco oil tempered horsehide. Special pearl glove leather lining. The padding is individually made for and fitted in each glove to form the finest kind of catching pocket. The trap lacing allows the adjustment of greater depth of pocket if desired 8 50

No. RFO. The "Babe" Ruth Home Run Special Glove. Designed by "Babe" Ruth and for that reason exactly right in every detail. Made of selected oil-treated Reaco horsehide with pearl glove leather lining. The seams are leather welted of the patented diverted type. "Babe" Ruth's signature branded on every glove 8 50

No. JD. The Jimmie Dykes Model. The special feature is the single, large compartment for both the third and little fingers. Made of the best oil-treated horsehide with pearl glove leather lining. Hand-formed and fitted padding. Leather welted, diverted seams. Laced wrist. Special trap lacing at thumb 8 50

No. EX

No. O1

No. RF1

No. EX. The "Chic" Galloway Model. Made of choice oil dressed horsehide with glove leather lining. Medium length fingers and wide, deep pocket. Hand-fitted padding. Leather welted, diverted seams. Trap lacing at thumb. Laced wrist... $6 50

No. O1. Made of Reaco oil-treated brown horsehide. Glove leather lining. Lacing adjustment between thumb and first finger. Leather welted seams and rolled leather binding. Laced wrist. Professional Model, with deep natural pocket 6 00

No. RF1. The "Babe" Ruth Home Run Special Fielders' Glove. The hand-made padding is fitted into each glove. The seams are leather welted and diverted between the fingers to prevent ripping. Laced at wrist to allow change or adjustment of padding. Long thumb with lacing adjustment. Lined with durable, soft leather and leather bound 5 00

No. OOW

No. RF2

No. 3G

No. 2GL

No. OOW. Professional Model. Made of good quality brown grain oil-treated horsehide. Leather lined. Laced at thumb. Hand formed felt padding with deep, natural pocket... $5 00

No. RF2. The "Babe" Ruth Home Run Special Fielders' Glove. A very fine selection of oil-treated brown horsehide, lined with soft glove leather. Wide, deep sure-catch pocket. Laced between thumb and first finger 4 00

No. 3G. Made of oiled brown grain horsehide. Full leather lining. Seams are leather welted. Laced thumb 4 00

No. 2GL. A regular full size league model glove. Made of dark brown grain horsehide leather. Full leather lining. Welted seams. Wide little finger pattern with deep pocket and web thumb... 3 50

SPECIAL FIELDERS' GLOVES

No. G550 Penn-York. Made of finest selection of Reaco oil-treated horsehide. Pearl glove leather lining. The seams are leather welted and diverted between fingers to prevent ripping. Laced at wrist to allow change or adjustment of padding. Laced between thumb and first finger... $5 50

No. G400 Penn-York. Made of Reaco oil-treated brown horsehide. Glove leather lining. Lacing adjustment between thumb and first finger. Leather welted seams and rolled leather binding. Laced wrist. 4 00

SPORT BALLS

A Wonderful Exercise, Health Builder and Flesh Reducer

Four-ply laminated new live rubber in varigated colors, tough and durable. Easily inflated through valve until ball is full and round. Sealed by doubling over valve and inserting in slotted opening on either side and between fabric strips.

Designed for use as a physical culture and exercise ball, also used as indoor base ball, volley and hand balls, used on the beach, lawn, in swimming pools, etc.

Complete with instructions for using.

Nos.	6	10	13	18	20	24
Diam inflated, ins	6	10	13	16	20	24
No. of balls in case	36	36	18	18	12	12
Wt each, lbs	½	¾	1	2	2¾	3½
Each	$2 85	$4 20	$6 60	$9 90	$13 20	$18 60

One in cardboard box.

BASKET BALL GOALS

With Net. Heavy iron top ring braced; diameter 17 inches. Extends 6 inches from wall. Per Pair

No. 6—Wt per pair 18 lbs..... $17 70

Extra Nets. Per Pair

No. 6N—Heavy cord for No. 6 goal; wt per pair 4 ozs..... $3 00

Packed loose.

⅝ inch round steel rod rim with ½ inch steel rod; side braces fastened to rim by a hinged device. Hand knotted seine twine net fully tied to rim so as not to slip. Draw string in bottom permits use open or closed. Per Pair

No. 102—Wt per pr 20 lbs..... $13 50

One pr in carton.

⅜x⅜ inch flat steel rim held securely by improved iron bracket, black enameled finish. Hand knotted seine twine net spaced and tied to rim so as not to slip. Draw cord in bottom permits use open or closed.

Per Pair

No. 100—Wt per pair 13½ lbs..... $9 75

One pr in pkg.

BASKET BALL GOALS

FOR PRACTICE GAMES IN PUBLIC AND PRIVATE PLAYGROUNDS

⅜x¾ inch flat steel rim held securely by brace and bracket, black enameled finish. Knotted seine twine net tied to rim so as not to slip.

Per Pair

No. 99—Wt per pair 8 lbs..... $6 60

One pr in pkg.

BASKET BALL NETS

Hand knotted, tubular in form, adjustable with draw cord at bottom to use either closed or open style. Per Doz

No. 50—Made from No. 20 seine twine; wt per doz 11 lbs..... $10 80

No. 51—Made from No. 24 seine twine; wt per doz 12½ lbs..... 12 00

No. 52—Made from No. 36 seine twine; wt per doz 14 lbs..... 13 20

One doz in bdle.

BASKET BALL CLOTHING

PANTS

Per Pair

No. A9B—Finest quality heavy weight pure virgin wool flannel pants, detachable free hanging improved style hip pads belt and buckle feature on front of pants. Short athletic cut inseam..... +$11 85

No. C8B—Same as No. A9B, except medium weight and pads not detachable..... + 7 80

(Showing Laced Pad Feature)

(Showing Laced Pad Feature)

PANTS

Per Pair

No. 11B—Finest olive color army duck; improved concealed detachable free hanging hip pads, short inseam, belt and buckle feature, adjustable..... +$5 25

No. 8B—Best quality genuine khaki cloth in colors, pads are sewed to waist band, short inseam, belt and buckle feature, adjustable..... +4 60

+F. O. B. Missouri Factory Only.

D 9

BASKET BALL CLOTHING

PANTS

Per Pair

No. 7B—Olive khaki drill; padded hips; button front; belt loops.. +$3 30

Packed loose; wt per pair 8 ozs.

SHIRTS

Note—When ordering specify breast measurement and color wanted.

Each

No. 6—Heavy weight pure worsted lofty yarns; deep arm holes; low cut neck; form fitting. Furnished regularly in navy blue and plain white. Sizes 32 to 44 ..... +$7 20

Packed loose; wt each about 8 ozs.

SHIRTS

When ordering specify breast measurement and color wanted.

Each

No. 68S-3V Medium weight pure worsted lofty yarns; V cut neck; deep arm holes, 4 inch body stripe with ½ inch stripe above and below. Sizes 32 to 44 ..... +$8 10

Furnished in the following colors:

Cardinal and white.
Maroon and white.
Royal blue and white.
Purple and old gold.
Black and orange.
Kelly green and white.
Maroon and old gold
Scarlet and white.
Gray and maroon.
White and purple.

Packed loose; wt each about 8 ozs.

SHIRTS

When ordering specify breast measurements and color wanted.

Each

No. 8—Heavy weight white cotton; low cut neck; deep arm holes. Sizes 32 to 44 ..... +$1 65

No. 8C—Heavy weight cotton; low cut neck; deep arm holes; furnished in navy blue, black and maroon. Sizes 32 to 44 ..... +$2 25

Packed loose; wt each about 8 ozs.

+F. O. B. Missouri Factory Only.

BOXING GLOVES

—BELKNAP—

Junior Size.

Good grade kid leather, well padded.

Per Doz Sets

No. 5—Wt set of four 1 lb $63 00

One set in cardboard box.

—BELKNAP—

Boy's Size.

Olive color sheepskin, padded with high grade hair, padded palm grip.

Per Doz Sets

No. 8—Wt set of four 1½ lbs..... $99 00

One set in cardboard box.

—BELKNAP—

Youth's Size.

Selected wine color sheepskin, well padded, laced at wrist, padded palm grip.

Per Doz Sets

No. 12—Wt set of four 2 lbs..... $117 00

One set in cardboard box.

—BELKNAP—

Boy's Size.

Wine color sheepskin, palm and grip padded with high grade hair. Per Doz Sets

No. 7—Wt per doz sets 2¼ lbs..... $81 00

One set in cardboard box.

—BELKNAP—

Full Size.

High grade wine color sheepskin, stuffed with highest grade hair roll grip, special grip feature at the tips of fingers. Per Doz Sets

No. 15—Wt set of four 2½ lbs..... $165 00

One set in cardboard box.

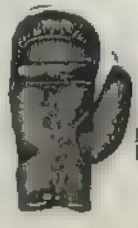
REACH

Boys'.

4 ounce, wine tan leather; padded wrists inside grips; laced at wrist. Per Doz Sets

No. LM—Wt per set of four 1 lb $106 95

One set in cardboard box.



REACH

Youth's.

4 ounce, brown tan glove leather; padded wrist; deep laced palm with leather grip. Regulation pattern and size. Per Doz Sets

No. AL—Wt set of four 1 lb $132 60

One set in cardboard box.

REACH

Father and Son.

Set consists of one large pair for Dad and one small pair for Son.

Made entirely of brown tan glove leather; padded wrists; deep laced palm with leather grip; filled with good quality hair.

Per Doz Sets

No. F&S—Wt per set of four 2 lbs..... $172 20

One set in cardboard box.

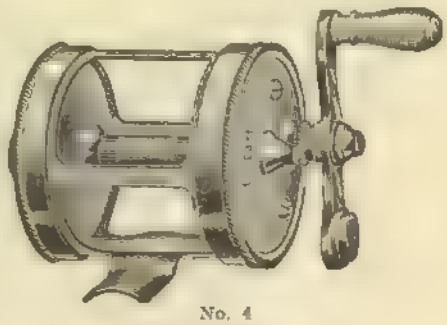
MEISSELBACH REELS

No. 645

FLYER REEL

No. 645 Flyer Reel is quadruple multiplying, with line capacity of 100 yards. Entire frame made of heavily nickel-plated brass. Pivots of nickel steel, running in everlasting phosphor bronze bearings. Rustproof brass arbor. Positive mesh gears, noiseless and lively. Can be oiled without disassembling. The "Flyer" is guaranteed forever against any defect in material or workmanship.

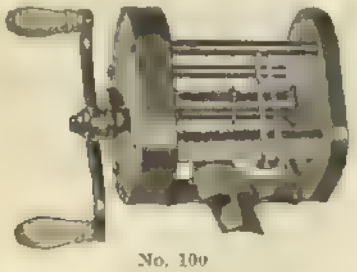
	Each
No. 645 Flyer Reel	.... $ 7 50



No. 4

TAKAPART REEL

	Each
No. 4-80 Takapart Reel. Fixed spool. Quadruple multiplying, single grip handle, 100 yard capacity.	$6 00
No. 4-81 Takapart Reel. Free spool. Quadruple multiplying, single grip handle, 100 yard capacity.	7 00

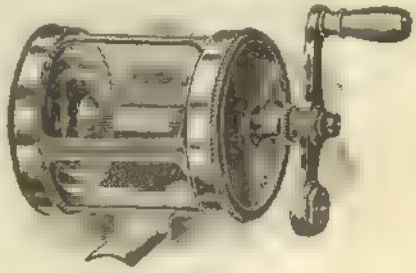


No. 100

BULL'S EYE REEL

No. 100 Bull's Eye Reel is a 100 yard quadruple multiplying Reel. End plates of Permo, a tough tenacious material produced in our own factory. Frame heavily nickel plated brass. Brass arbor and nickel silver spool flanges. The level winding arrangement has proven to successfully stand the wear and tear of years of service and is protected from sand and water by a hood-shaped guard.

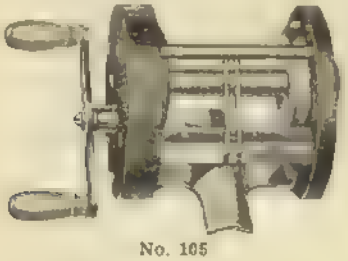
	Each
No. 100 Bull's Eye Reel.....	$ 5 00



No. 5

TRI-PART REEL

	Each
No. 5-80 Tri-Part Reel. Fixed spool. Quadruple multiplying, single grip handle. 80 yard capacity	$ 6 00
No. 5-81 Tri-Part Reel. Free spool. Quadruple multiplying, single grip handle, 80 yard capacity	7 00



No. 105

TARGET REEL

No. 105 Target 80 yard Quadruple Reel. End plates of black Permo, a moulded composition of our own manufacture, give it a rare combination of strength, lightness and beauty. Nickel steel pivots run in phosphor bronze bearings. A hardened steel pin carries the level winding guide across a bronze shaft. A wearing combination that cannot be equaled. Left end bearing is adjustable, enabling the angler to keep the spool free from end play at all times.

	Each
No. 105 Target Reel.....	$ 3 00

Nos. 627, 631

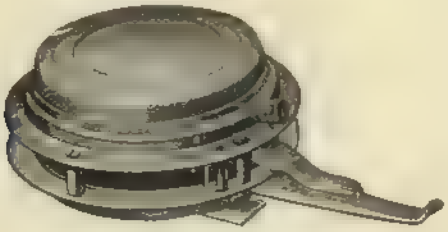
	Each
No. 627. Capacity 35 yards D. line. Permanent click. Stamped and machined nickel plated brass reel seat	$ 5 00
No. 631. Larger size—capacity 50 yards D. line. Permanent click. Stamped and machined nickel plated brass reel seat..	5 50

THE MARTIN LINE OF AUTOMATIC FISHING REELS

MODEL No. 1

This reel called a creek wh pper is especially adapted to trout fishing. It carries 75 ft. of "G" line and will carry a greater amount of finer line. This reel is intended for small fish but it is strong enough for heavier work if desired

	Each
Model No 1 Reel	$ 5 50



MODEL No. 2

This is the most popular Martin Automatic. It is like No. 1 except that it has a capac'ty of 90 ft. of "G" line or a greater amount of finer line Ideal for general fishing. Weighs slightly over seven ounces

	Each
Model No. 2 Reel	$ 6 00

MODEL No. 3

This reel is particularly adapted to bass and other game fish. The line carrying capacity is 150 ft. of "G" line. This greater length of line is a great advantage for heavier fishing. Good for all around service

	Each
Model No. 3 Reel	$ 6 50

MODEL No. 4

This is our largest regular Martin automatic reel. Holds 225 ft. of "G" line. Especially adapted to salmon and other large fish. Reliable and unusually strong, still it weighs only a fraction of an ounce more than our smallest reel.

	Each
Model No. 4 Reel	$ 7 00

Above prices on all models Martin Automatic Reels include Line Protector.
Models 1, 2, 3, 4 — without Line Protector — less $1 00 each list

MARTIN'S FLY-WATE

Martin's Latest

Here is the wonderful new Martin Automatic Fly-Wate —a marvel of speed, strength, compactness and lightness It's just the reel for the "sporty" fly-caster. It is made in three sizes that will satisfy every one interested in casting, regardless of the size and weight of line used. All models weigh about six ounces practically the only d'fference being in the size of spool

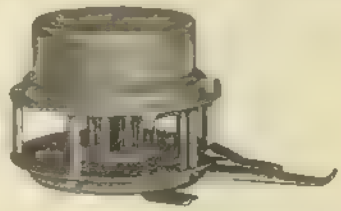
An extra large hardened steel line guide; a new spring tension throw-off; a large efficient brake system—these are just a few of the exclusive features of this remarkable Fly-Wate model. If you enjoy the thrill of light tackle, by all means treat yourself to a Fly-Wate.

The Fly-Wate in three sizes

Each Fly-Wate is equipped with line guide and enclosed in a neat leather pouch Shipped in individual cartons

	Each
Model 26. Has a line capacity of 75 feet "G" line	$ 8 00
Model 27. Line capacity 90 feet of "G" line or a full 30-yard HFH double tapered line. Will retrieve the full double tapered line or 80 feet of "G" line with one winding of spring	$10 00
Model 28. Carries 150 feet of "G" line; 100 feet of "C" line or a full 30-yard HCH double tapered line Will retrieve 80 feet of "G" line or the full double tapered line with one winding of the spring	12 00

MARTIN'S AUTOMATIC TROLLING REEL



This wonderful reel offers many advantages for the fisherman who prefers trolling. In addition to the regular Martin Automatic features, it has greater line capacity and greater winding power than a regular automatic

Equipped with a spring throw-off which releases all tension on the spool, allowing the line to reel off freely as the boat moves. Place troller in the water, lock the brake in its "off" pos'tion and allow the line to run out When suffic'ent line is out, the throw-off is allowed to fall back into place and the spring tension to develop. The line will continue to reel out for a few feet, until the spring tension equals the we ght of the dragging line. The line will continue to drag in this position, being held only by the spring

If the brake is kept locked in its "off" position, there will be no possibility of lines being snapped, lures lost on snags, or rods being jerked out of the boat. In case of a strike the line runs out freely and the fisherman will have plenty of time to take hold of the rod and line.

This reel is especially made for use with an extra long line. It has a capacity of 250 feet of light trolling line and will take in 150 feet at one winding of the spring. The construction and operation is the same as our other reels

	Each
Martin's Automatic Trolling Reel, equipped with Line Protector	$10 00

A Splendid Showing of Nationally Advertised "Verona" Aquariums, Andirons, Tree Lighters and Coffee Tables

This high quality unusual merchandise makes unusual gifts. Prospective purchasers inadvertently overlook such charming and practical articles as those portrayed below and in this section. If you wish to make your gift outstanding, to vary from the customary gifts, refer to this complete and excellent showing of "VERONA" Nationally Advertised Products. Surely, you'll find many delightful articles for any occasion which will charm the recipient.

VERONA" RECTANGULAR AQUARIUM

A [illegible] of [illegible] with [illegible] Green [illegible] Gold. [illegible] Bowl measures 8x12x4 inches. The stand is finished exquisitely in Apple Green with touches of Gold. Shipped one to a carton, set up. Bowl in separate carton. Shipping weight complete, 35 lbs.

No. 9U 343 Each $15.35

"VERONA" TREE LIGHTER

This electrically lighted Christmas Tree Stand is made of heavy cast iron, [illegible] and [illegible] finish [illegible] Finished in green and gold [illegible] three thumb screws and a spike at bottom of upright which [illegible] Water container, hold any size tree perfectly, and we can, in fact recommend it especially for the large [illegible] trees. Equipped with two sockets for [illegible] lights and [illegible] three socket [illegible] Each socket is equipped with [illegible] feet of cord and [illegible] plug. Packed [illegible] weight [illegible] lbs. Easy to set up and [illegible] when you think of the convenience offered [illegible] priced very low.

No. 9U 703 Each $9.10

"VERONA" ANDIRONS

Here is a true display of [illegible] the charm of the old Tuscan, faithfully [illegible] by [illegible] Model [illegible] cast iron finished in Swedish iron or Antique Bronze. Wrought steel shanks. Height, 25 inches. Width, 14 inches. Packed one pair to carton. Shipping weight, 35 lbs. Folk of modest means enhance the charm in their homes by the acquisition of these practical andirons. Detail clearly defined. Nicely made and finished. Priced very low. Makes an exclusive gift item.

No. 9U 6668 Swedish Iron. Per pair $20.30

No. 9U 6668 Antique Bronze. Per pair 20.30

"VERONA" AQUARIUM

Possessing beauty of design, slender graceful [illegible] finish. It is readily conducive why this aquarium stands foremost as a sales leader. It is equipped with [illegible] ribbed clear glass bowl. The artistic wrought iron base is finished in Ceramic Green, the ornaments in Antique Gold and the supporters in Green and Gold. Height [illegible] inches, diameter of bowl [illegible] inches. Shipping weight [illegible] lbs. Packed one to a carton. Weight [illegible] lbs. Unexcelled workmanship and materials united with a popular price makes this aquarium an outstanding value.

No. 9U 4001 Each $9.80

"VERONA" AQUARIUM

A charming [illegible] with wrought iron effects. Exquisitely designed [illegible] an attractive [illegible] Bowl measures [illegible] inches. Finished in beautiful [illegible] Apple Green and [illegible] Bowl is [illegible] clear glass bowl [illegible] shown in Amber [illegible] and [illegible] perfect [illegible] with the base. Height [illegible] inches. Base measures 12x12 inches. Shipped one to a carton. Parcel post [illegible] weight 25 lbs. Excellent value at price quoted.

Number	Finish		
No. 9U 3832A	Apple Green	Each	$12.85
No. 9U 3832B	Black and Gold	Each	13.85

"VERONA" ELYSEE COFFEE TABLE

You'll find every [illegible] occasion to use this [illegible] coffee table [illegible] shown above. [illegible] of artistic [illegible] and [illegible] exquisite and charming style, [illegible] with exceptional workmanship and [illegible] finish. Strength [illegible] under side [illegible] leg, and very beautiful [illegible] appearance. The [illegible] Green Stem and guard with Black [illegible] Black [illegible] base [illegible] Top [illegible] inches. Black [illegible] Overall height [illegible] inches. Base 10x15 inches. Height, 20½ inches. Packed one to crate, not-up. Shipping weight, 35 pounds.

No. 9U 3001 Each $36.00

"VERONA" DRUM AQUARIUM

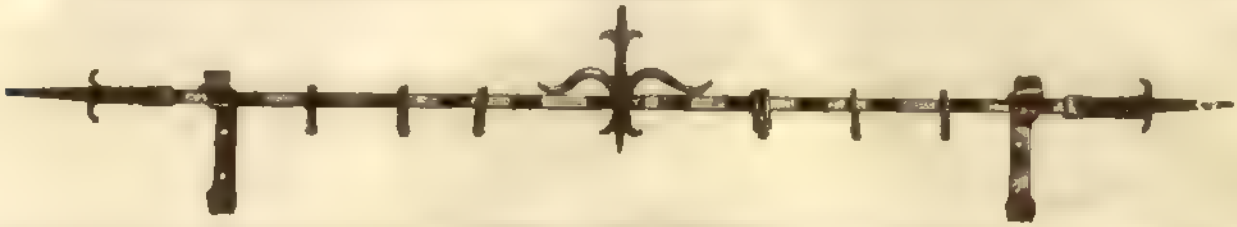
Another step [illegible] VERONA Artistry. The sheer beauty and charm and [illegible] ease [illegible] explains its popularity. The [illegible] used on this [illegible] with the [illegible] of genuine [illegible] of bronze suggesting [illegible] glass bowl. The stand [illegible] finished in Verde Antique and [illegible] bronze effect. [illegible] over-all [illegible] inches. Total height 38 inches. Base measures [illegible] inches. Shipped one to a carton. Shipping weight 60 lbs.

No. 9U 3485 Each $37.35

F. O. B. CHICAGO FACTORY

Create an Atmosphere of Dignity and Refinement to Your Living Room Furnishings

It is not the abundance of furnishings which expresses the individuality in the living room, but rather the strict adherence to vogue which reflects an unusual atmosphere of charm. And it is just a piece of WROUGHT IRON furnishing correctly placed which serves to accentuate the character so prevalent in the well appointed home.
This comprehensive showing permits you to choose from an unusual selection of articles of real merit at interesting low factory prices.



CHARMING SPANISH DRAPERY ROD

This artistic drapery rod of Spanish design will add just that needed touch of completeness to your room. You will be agreeably surprised at the effect obtained with such a beautiful rod as this. Solid cold-drawn bar iron is used for all. Howell rods to create a massive effect seldom attained through the use of hollow tubing. Your choice of either Swedish Iron or Dulbrite Brass, baked [illegible] the Swedish Iron as pictured with flame. The Dulbrite Brass is an imitation bronze finish obtained through a combination of black and brass. Both finishes give a very rich appearance and add refinement.

Complete rod consists of one four (4) foot rod, two ends, center ornament, two brackets and ten rings. The rod is of ½-inch solid cold-drawn bar iron, either full-twisted or straight, specify style and finish desired when ordering. If a rod longer than four-foot is desired additional rod footage may be purchased as quoted below. This also applies to other parts.

No. 8Z 901A	4 foot rod, complete	$7.00	No. 8Z 901D	[illegible] per pair	$0.70
No. 8Z 901B	Ends only, per pair	.85	No. 8Z 901E	Brackets, per pair	1.70
No. 8Z 901C	Center Ornaments, each	.70	No. 8Z 901F	Rings, per dozen	1.00

Note: Brackets may be had with 2½-inch 3-inch or 4½-inch projection. Specify when ordering.

CLEVER ENGLISH DRAPERY ROD

With a massiveness is essential to balance the furnishings this clever drapery rod of English design will prove most fitting. Made by masters who are precise in the completeness of each detail. The [illegible] finish [illegible] is a solid cold drawn bar iron, creating a mass effect [illegible] through the use of hollow tubing. The choice of either Swedish Iron or Dulbrite Brass [illegible] Swedish Iron as pictured also a very rich Dulbrite Brass finish with flame. The Dulbrite Brass has an imitation bronze finish obtained through a combination of black and brass. Both finishes give a very rich appearance and add refinement.

Complete rod consists of one four (4) foot rod, two ends, center ornament, two brackets and ten rings. The rod is of ½-inch solid cold-drawn bar iron, either full-twisted or straight, specify style and finish desired when ordering. If rod longer than four-foot is desired additional rod footage may be purchased as quoted below. This also applies to other parts.

No. 8Z 904A	[illegible] complete	$8.40	No. 8Z 904D	[illegible] per pair	$0.70
No. 8Z 904B	Ends only, per pair	1.40	No. 8Z 904E	Brackets, per pair	1.25
No. 8Z 904C	Center Ornaments, each	1.00	No. 8Z 904F	Rings, per dozen	1.00

Note: Brackets may be had with 2½-inch or 3-inch projection. Specify when ordering.

SMART MODERNE DRAPERY ROD

Modern well appointed homes will find this smart Moderne Drapery Rod to be a very fitting part in their decorative scheme. Made of first class materials and superbly finished, it casts an atmosphere of individuality and good taste.

This pattern is fashioned from ½-inch **solid cold-drawn bar iron**, creating a mass effect very seldom attained through the use of hollow tubing. Finished in either **Swedish Iron** or **Dulbrite Brass**, [illegible] Swedish Iron as pictured also a pewter finish with black. The Dulbrite Brass has an imitation bronze finish obtained through a combination of black and brass. Both finishes are very rich in appearance.

Complete rod consists of one four (4) foot rod, two ends, center ornament, two brackets and ten rings. The rod is of ½-inch cold-drawn bar iron, either full-twisted or straight, (specify style and finish desired when ordering). If rod longer than four-foot is desired additional rod footage may be purchased as quoted below. This also applies to other parts.

No. 8Z 909A	4 foot rod, complete	$9.50	No. 8Z 909D	[illegible] per pair	$0.70
No. 8Z 909B	Ends only, per pair	1.25	No. 8Z 909E	Brackets, per pair	1.70
No. 8Z, 909C	Center Ornament each	3.10	No. 8Z 909F	Rings, per dozen	1.00

Note: Brackets furnished in 3-inch projection only.

FERN STAND

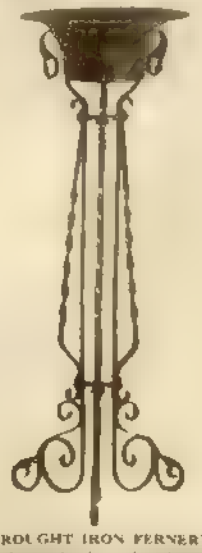
A new and distinctive [illegible] design. 36 inches high. Five [illegible] perforated plates or grid rim, lower one [illegible] Furnished in black and gold. Apple green or Chinese Red with [illegible] Complete with 10½-inch [illegible] bowl with [illegible] to match stand. Packed one in a carton, weight 5 lbs. (Price does not include flowers.)

No. 8Z 340 Slate Finish Each $4.20

FERN STAND

Very elaborate oval [illegible] fernery [illegible] collection of shade [illegible] plants. Measures [illegible] overall [illegible] well balanced and [illegible] sturdy construction. Finished in black and gold. Apple green or Chinese Red with 14-inch copper bowl included. Height 35 inches. Packed one in a carton, weight 11 lbs.

No. 8Z 331 Slate Finish Each $5.60



WROUGHT IRON FERNERY

Tasteful and [illegible] this stand is made for the [illegible] a substantial [illegible] stand of [illegible] white [illegible] and [illegible] It is designed [illegible] an artistic finish while serving a [illegible] Wrought iron [illegible] finished [illegible] Overall [illegible] Height 32 inches. [illegible] Rack and gold or Apple Green. Height 40 inches. [illegible] complete with [illegible] copper bowl decorated to match stand. Packed one in a carton, weight 11 lbs.

No. 8Z 361 (Slate Finish.) Each $8.60

MODERNISTIC FERN STAND

A well [illegible] weight [illegible] and [illegible] construction [illegible] new modernistic design fern stand which will prove very attractive in the home. We are [illegible] two green [illegible] container [illegible] with rich [illegible] harmonizing [illegible] inches [illegible] diameter. Natural [illegible] finish. Overall height 36½ inches. Weight 25 lbs. Adds beauty and charm to the porch or living room. Makes an unusual gift item. (Price does not include flowers.)

No. 8Z 341 Each $10.20

F. O. B. CHICAGO FACTORY

SOUTH BEND BAITS

SOUTH BEND BASS-ORENO

No. 973RH Bass-Oreno
(Illustration ½ actual size)

The Bass-Oreno is a wobbler type of bait, used for casting or trolling. Has a wonderful erratic action, irresistible to game fish. In motion it dives, dashes, darts and wiggles much like an injured fish. Not in motion, it floats. This bait while primarily designed for all species of fresh-water fish, has also proven effective for salt-water species such as Striped Bass, Channel Bass, Roballo, etc.

Body is 3½ inches long. Packed one in a box, one dozen in a container.

Style	Per Dozen
No. 973RH—red head and white body	$12 00
No. 973RAIN—rainbow color	12 00
No. 973SF—scale finish, green	12 00
No. 973LUM—Nite-Luming finish	12 00
No. 973P—pike, scale finish	12 00
No. 973PL—Lustrous iridescent pearl finish	12 00

COLORADO SPINNERS

Treble Hook

Colorado Spinners are supplied in complete range of sizes and finishes. Mounted with steel split rings, bronze barrel swivels and high-grade imported hooks—two single or one treble. Metal blades are highly polished finish both sides. Mounted one on a card, packed one dozen in container.

The tabulation below lists complete specifications

	Length of Blade	Width of Blade	Two-Single Hooks Size	Treble Hook Size
Size 4-0	1 64	23-64	10	10
Size 3-0	45 64	½	9	10
Size 2-0	¾	36-64	9	8
Size 1-0	⅞	21 32	5	8

COLORADO SPINNERS No. 180—Metal Blades

	Per Dozen
No. 180—Size 4-0	$1 80
No. 180—Size 3-0	1 80
No. 180—Size 2-0	1 80
No. 180—Size 1-0	1 80

Mounted with One Treble Hook

No. 180—Polished nickel both sides.

COLORADO SPINNERS No. 185—Pearl Blades

	Per Dozen
No. 185—Size 4-0	$2 40
No. 185—Size 3-0	2 40
No. 185—Size 2-0	2 40

Mounted with One Treble Hook

No. 185—Salt water iridescent pearl

SOUTH BEND BABE-ORENO

No. 972RH Babe-Oreno
(Illustration ½ actual size)

The Babe-Oreno is along the same line and construction as the Bass-Oreno, only in a smaller size. For anglers who use a light, whippy constructed rod with light lines and desire a light and smaller bait

Body length is 2¾ inches. Packed one in a box, one dozen in a container

Style	Per Dozen
No. 972RH—red head and white body	$10 20
No. 972RAIN—rainbow color	10 20
No. 972SF—scale finish, green	10 20
No. 972RSF—scale finish with red blend	10 20
No. 972LUM—Nite-Luming finish	10 20
No. 972P—pike, scale finish	10 20
No. 972PL—Lustrous iridescent pearl finish	10 20

DOUBLE COLORADO SPINNERS

A popular and effective hook-up of Colorado Spinners. The arrangement of swivels and split rings insures free revolution of the blades and gives the lure a sinuous, fluttering motion. First blade is polished nickel convex and polished copper concave. Blade next to hook is polished copper convex and polished nickel concave. High grade treble hooks. Mounted one on a card, packed one dozen in a container. Hook sizes correspond to sizes on single Colorado spinners.

	Per Dozen
Style No. 191—Sizes 3-0, 1-0 and 2	$3 00

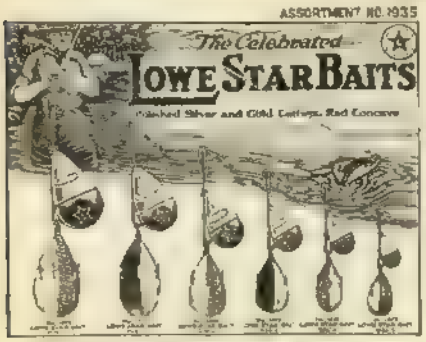
ORENO MINNOW HARNESS

No. 402 Minnow Harness
(Illustration approx. 2-3 actual size)

For the angler who uses live minnows the Oreno Minnow Harness will supply a long felt need. A perfect harness for either live or preserved minnows because it does not interfere with the action of the minnow in any way.

Built from substantially constructed, special double hooks. Individually mounted on attractive card, one dozen to a container. Weight, ¾ pound per container.

	Hook Size	Length	Per Doz.
No. 401. Small	5	2½	$ 6 00
No. 402. Medium	2-0	4½	7 80
No. 403. Large	7-0	7	10 20



No. 1935 Lowe Star Bait Assortment

LOWE STAR BAITS

The assortment as illustrated contains one each of the following baits and are displayed on the card in the order as listed, reading from left to right.

No. 1470 Lowe Star Bait—Single—Size 1-0
No. 1470 Lowe Star Bait—Single—Size 1
No. 1470 Lowe Star Bait—Single—Size 2
No. 1470 Lowe Star Bait—Single—Size 3
No. 1470 Lowe Star Bait—Single—Size 4
No. 1470 Lowe Star Bait—Single—Size 5

TROLLING SPOONS

LOWE STAR BAITS

Lowe Star Bait Assortment contains an arrangement of six of the most popular sizes of Lowe Star Baits recognized the world over as one of the most effective lures for all game fish

Each Assortment of 6 Baits.....$6 00

STAR BAITS — Packed 6 to a Carton

	Length of Blade	Width of Blade	Treble Hooks, Ringed, Size	Per Dozen
Size 6	1 1-32	½	4	$ 8 40
Size 5	1 5-64	19-32	3	8 40
Size 4	1 11-32	13 16	1	10 80
Size 3	1 39-64	59 64	1-0	10 80
Size 2	1 29 32	1 3-32	3-0	13 40
Size 1	2 15-64	1 19-64	4-0	13 40
Size 1-0	2 11-16	1 15 32	6-0	16 80
Size 2-0	2 57 64	1 19 32	7-0	16 80
Size 3-0	3 17-32	2 17-64	10-0	21 60

Star Baits, Sizes 6 to 4 inclusive are best for Black Bass and Trout

Star Baits, Sizes 3 to 2 inclusive are best for Pike, Pickerel and Lake Trout.

Star Baits, Sizes 1 to 3-0 inclusive are best for Muskallunge.

No. 10 ASSORTMENT BAITS

Contains the following		Size
No. 1752	Willow Leaf Bait..	5
No. 110	Fluted Spoon Bait	5
No. 116	Black Bass Bait	3
No. 309	Monogram Bait	3
No. 619	Kidney Bait—Plain	4
No. 228	Oval Hammered Bait	4

Per Doz. Baits

No. 10 Assortment Baits—6 on a Card.....$4 00

DOUBLE PEARL BASS BAIT

Per Dozen

Style No. 100. Double Pearl Kidney Bass Spinners, 1 inch Blades, Size 2 Feathered Treble Hooks.....$ 9 50

FLUTED BAITS

Per Dozen

Sizes 1, 2, 3, 4, 4½, 4¾.....$3 00
Sizes 5, 6, 7..... 3 60

COBURG SPOON BAITS

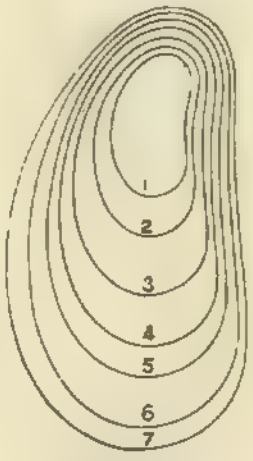
Per Dozen

Sizes 1, 2, 3, 4.....$3 60
Sizes 5, 6..... 4 00

EMPIRE STAR BAITS

Per Dozen

Sizes 1, 2, 3, 4.....$4 00
Sizes 5, 6..... 4 80



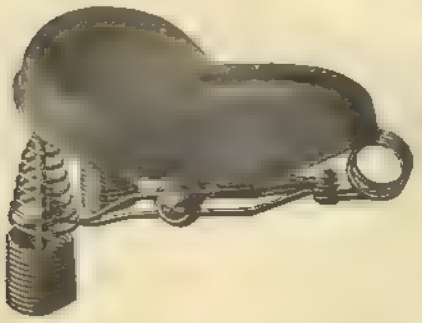
KIDNEY-SHAPED SPOON BAITS

Showing actual sizes of Kidney Baits

Per Dozen

No. 203. Sizes 1 to 6.....$4 00

TROXEL BICYCLE SADDLES



MOTOR BIKE No. 2

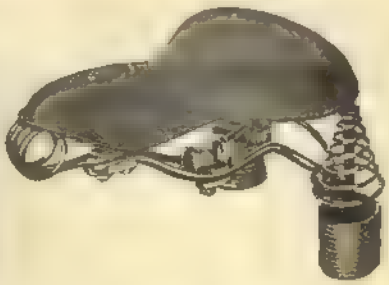
Each

A motorcycle style bicycle saddle with a solid base and heavy padding $3 50

LADIES COMFORT

Each

A new design ladies' saddle; wood base, padded, same as motor bike styles.....$2 50

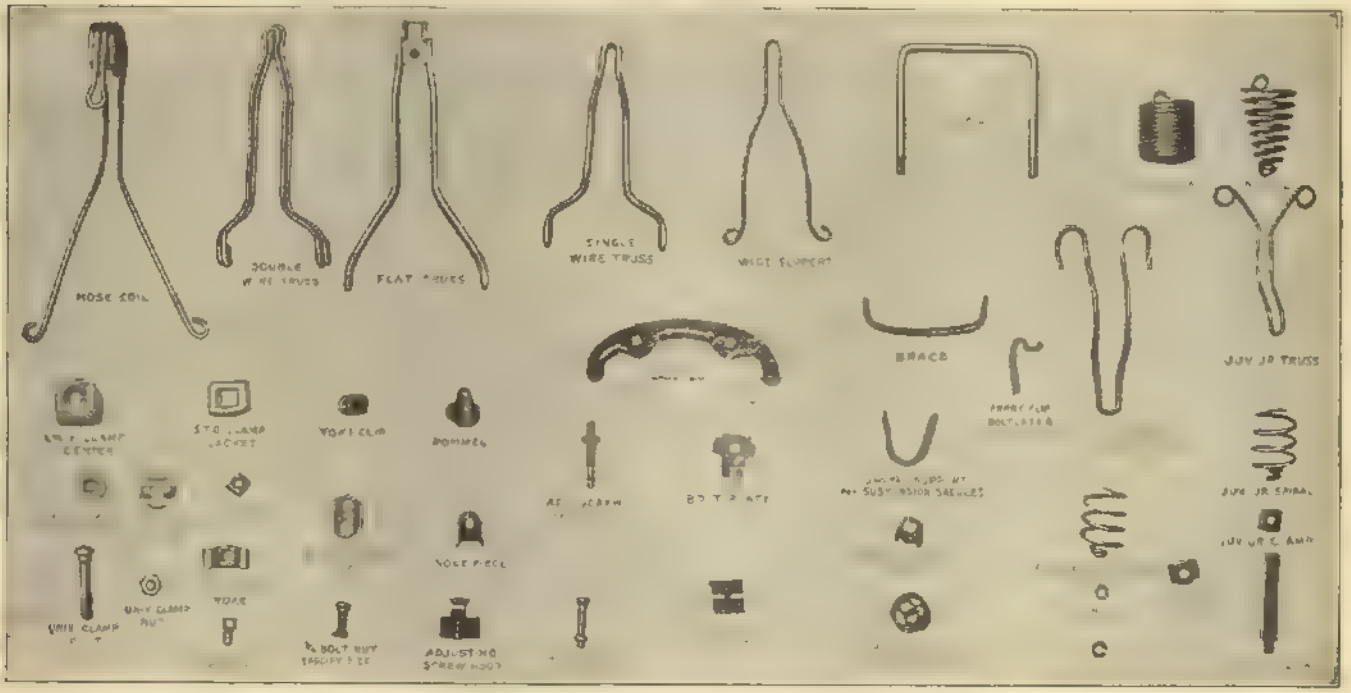


SCOUT SADDLE

Each

This saddle is made with wood base and well padded.....$2 30

TROXEL SADDLE PARTS



No. 2 MOTOR BIKE SADDLE PARTS

		Each
No. 41½.	Nose Coil	$0 20
No. 67.	Rear Brace	05
No. 136.	Double Wire Truss	20
No. 203.	Rear Upper Spiral Right and Left	10
No 204.	Rear Lower Cushion Right and Left.....	20
No. 23½.	Rear Yoke for Springs.....	05
No. 111.	Yoke Clip	03
No. 254.	Special Clip	02
No. 183.	5-16 inch Bolt and Nut (Specify Length)..	04
No. 113.	Truss Cap	02

Universal Clamp used on this Saddle.

SCOUT SADDLE PARTS

Same Parts as Top Notch except as follows:

		Each
No. 119.	Nose Coil $0 20	

Standard Clamp used on this Saddle.

TOP NOTCH SADDLE PARTS

		Each
No. 10½.	Long Nose Coil .	$0 15
No. 116½.	Rear Brace	05
No. 115½	Single Wire Truss	15
No 117.	Rear Upper Spiral Right and Left.....	10
No 118½	Rear Lower Cushion Right and Left.....	15
No 123	Rear Yoke for Springs	05
No 111.	Yoke Clip	03
No 254	Special Clip	02
No 112.	Truss Cap (Double Hole).....	02
No. 183	5-16 inch Bolt and Nut (Specify Length)..	04

Standard Clamp used on this Saddle.

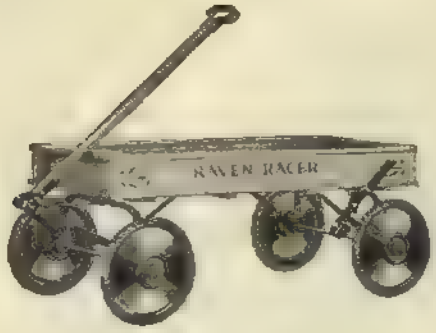
LADIES' COMFORT SADDLE PARTS

Same Parts as Top Notch except as follows:

		Each
No 112½.	Nose Clip (One Hole) .	$0 05
No 8.	Front Coil Spring .	05
No 39.	Wire Support	15

Standard Clamp used on this Saddle.

COASTER WAGONS AND TOT BIKES



RAVEN RACER

This Coaster Wagon is made in one size only—16x36 ins.

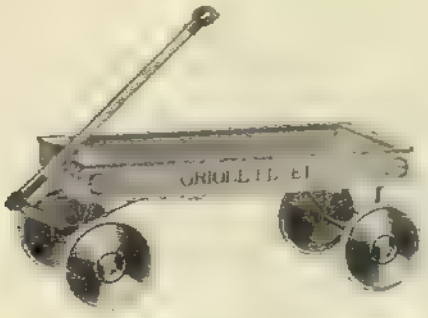
BOX—Made of hardwood lumber with four cleats under bottom. Full rail about top. Bottom attached with screws. Roller brake on right side.

GEAR—Indestructible channel steel. Draw bar from tongue iron to king bolt. Rear gear has double brace to body as shown. ½ inch bright drawn axles.

WHEELS—9½ inch double disc wheels, retained roller bearings with 1-inch corrugated rubber tires.

FINISH—Body, natural finish, varnished. Top rails, dark blue. Decorations on side printed in red. Gear, black enameled. Wheels, orange enamel.

Each $7 50



ORIOLE

BOX—Made of hardwood lumber with four cleats under bottom. Size 16x36 inches. Full rail around top. Bottom attached with screws.

GEAR—Heavy steel gear, well braced to bottom. Rear gear has double brace to body as shown. ½ inch bright drawn axles.

WHEELS—9½ inch disc wheels, retained roller bearings, ¾ inch corrugated tires.

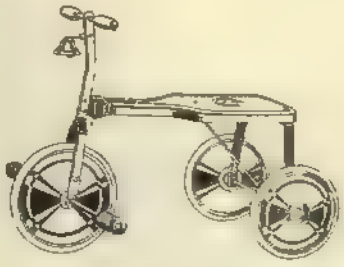
FINISH—Body natural finish, varnished, with printed decorations. Top rails in red. Gear black enamel. Wheels finished bright red.

Packed one each complete in a carton. Weight 33 pounds.

Each $6 00

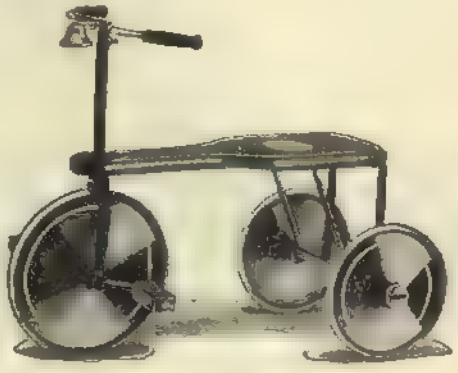
No. 410

	Each
No. 410 Tot Bike. Military Rubber Tired, 5½ inch disc wheels, red enameled, striped and decorated. Packed three in a carton	$2 10
Less than full cartons	2 40



No. 415 TOT BIKE

	Each
No. 415 Tot Bike. Velocipede type, with rubber pedals. 8-inch disc wheels. Enameled red, striped and decorated. Packed three in a carton	$3 15
Less than full cartons	3 45



No. 416

	Each
No. 416 Tot Bike. 8-inch military rubber tired disc wheels. Rubber pedals. Enameled red, striped and decorated. Packed three in a carton	$4 65
Less than full cartons	5 10

D 5

VIOLET RAY MACHINES

VIOLETTA

USES—For family use as circulation stimulator, for health, vitality and beauty.

FEATURES—Three electrodes.

No. 1—General electrode for surface and body treatments. No. 3—Comb rake for scalp stimulation and other uses where diffusion is needed. No. 6—Metal or saturation electrode for indirect treatment.

MATERIAL—Imitation leather case; best grade glass electrodes; hard rubber generator Complete with 6 feet of cord with separable attachment plug.

FINISH—Black case, red lined; black generator.

CAPACITY—105 to 120 volts.

No.		Each
22	Size case 14x9x3¼ ins.	$28 20

One in carton; wt each 3½ lbs.

ELCO

USES—Beauty and medical purposes.

SPECIAL FEATURES—Regulating switch by which the instrument is turned off and on and the current regulated evenly in fine graduations from very mild to very strong.

MATERIAL—Imitation leather covered case. Includes fibre handle, three electrodes, 1 body, comb rake and external throat electrode, 32 page book of directions for treating different ailments and 6 feet of cord with separable attachment plug. Any Violet Ray electrodes of standard size or ozone generators can be used.

CURRENT—A. C. or D. C. CYCLE—All.

VOLTAGE—95 to 120.

No.		Each
51	Wt each 4½ lbs.	$21 00

One in carton.

BLEADON DUN

Consists of a generator, general electrode for all surface treatments, hair and scalp; external throat electrode and eye electrode. Complete with 7 feet of flexible cord and attachment plug, 6 feet of cord to handle. Imitation leather covered case, satin lined; nickel plated hinges and catch. 110 volts; operates on alternating or direct current.

Size case 12½x7½ inches.

No.	M
1 to 11, Each	✚30 00
12 or more, Each	✚28 50
	$15 00

One in carton; wt each 4 lbs

BLEADON DUN

Consists of a generator, general electrode for all surface treatments, comb rake electrode for scalp, external throat electrode, eye electrode and metal electrode. Imitation leather covered case, satin lined; nickel plated hinges and catches.

No.		Each
3	110 volts; operates on A. C. or D. C.	✚55 05
		$25 00

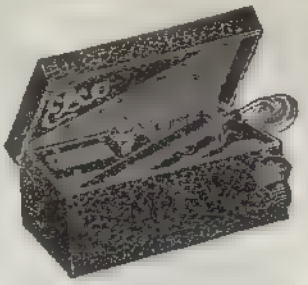
One in carton; wt each 6 lbs.

✚F. O. B. Illinois Factory Only.

VIOLET RAY MACHINES

A Marvelous Achievement in Health Building.

These machines are used, approved and recommended by Physicians, Osteopaths, Beauty Specialists and Scientists everywhere.



ELCO

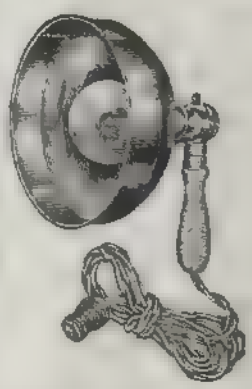
One piece Violet Ray instrument with polished hard rubber handle. Furnished with one surface electrode and 7 feet of cord with two piece attachment plug. Each outfit packed in cardboard imitation leatherette case. Size case, 8¼x6x4 inches.

No.		Each
43	110 volts; operates on A. C. or D. C.	18 21
	One in cardboard box; wt each 3 lbs	*$8 50*

VIM RAY

THERAPEUTIC LAMP

For Beauty and Health Treatments.



Nickel plated and polished steel reflector with 6½ inch white enameled wood handle equipped with toggle switch, scientifically constructed to reproduce as nearly as possible the actual rays of the sun, so shaped that rays penetrate deeply without blistering or burning. Radiant light and heat for the treatment of rheumatism, neuritis, lumbago, sore throat, colds, cramps, bruises, etc., also used as a health restorer for invigorating the body, a real aid to beauty, opens the pores of skin, allows cleansing or tissue building cream to penetrate deeply, softening and removing unseen dirt leaving the skin exquisitely clean and firm. Complete with 260 watt bulb, 6 feet of white silk covered cord and separable attachment plug. Diameter 7⅝ inches.

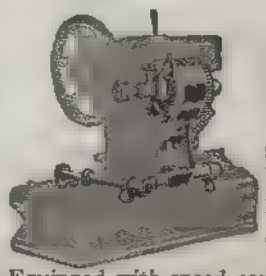
Universal Type, Operates on 110 A. C. or D. C.

No.	650
1 to 2, Each	$12 45
3 to 5, Each	13 05
6 or more, Each	11 70

One in cardboard box; wt each 2½ lbs.

SEWING MACHINE MOTORS

HOLDFAST SEW-E-Z



In construction and principle the Holdfast type is similar to the Jack Rabbit type, except that it is equipped with a bracket which fastens it permanently to the head of the sewing machine. The bracket is constructed so that it permits the motor to be turned in under the head of the sewing machine when it is closed. Will fit and operate any make or model of high head sewing machine.

Polished nickel plated finish. Equipped with speed control and operates on either direct or alternating current, 25 to 60 cycles. Complete with cord and attachment plug.

Nos.	E-H-110-U	E-H-220-U	E-H-32-U
Voltage	110	220	32
Each	✚45 60	✚50 70	✚50 70
List Price, Each	*$19 25*	*20 75*	*20 75*

One in carton; wt each 9½ lbs.

✚F. O. B. Wisconsin Factory Only.

D 6

SEWING MACHINE MOTORS

CHAIN STITCH SEW-E-Z

For automatic sewing machines.

Polished nickel plated finish. Operates on direct or alternating current, 25 to 60 cycles. Complete with cord and attachment plug.

Nos.	E-CS-110-U	E-CS-220-U	E-CS-32-U
Voltage	110	220	32
Each	+53 25	+58 20	+58 20
	$21 00	$22 50	22 50

One in carton; wt each 6½ lbs.

JACK RABBIT TYPE—SEW-E-Z

Will operate any high-arm sewing machine (new or old) and immediately converts it into an electrically self-operated labor saver. No belt is necessary, requires neither screws, bolts, nor clamps to fasten, as the springs hold the pulley of the motor against the wheel and gives the firm friction drive.

The speed of the motor can be varied from 200 to 1800 revolutions per minute by pressing lightly on a treadle with the foot. A rheostat is operated by the treadle. It runs on direct or alternating current and on frequencies from 25 to 60 cycles.

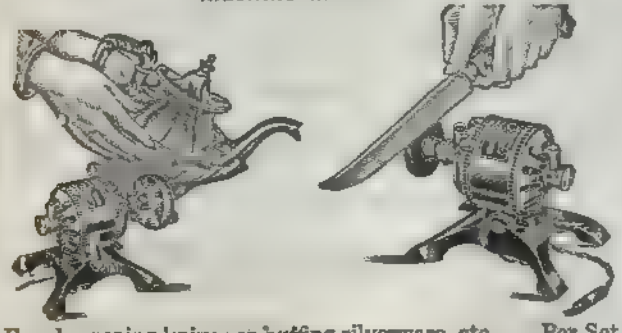
Nos.	E-JR-110-U	E-JR-220-U	E-JR-32-U
Voltage	110	220	32
Each	43 95	+49 05	+49 05
List Price, Each	$18 50	20 00	20 00

One in wood box; wt each about 9¼ lbs.

MOTOR ATTACHMENTS

SEWING MACHINE, BUFFER AND GRINDER

For Use with Jack Rabbit Type Sew-E-Z Sewing Machine Motors.



For sharpening knives or buffing silverware, etc.

		Per Set
No. B & G—Buffer and grinder	+3 75	$1 50

One set in cardboard box; wt per set 1½ lbs.

SEWING MACHINE, FAN

For use with Jack Rabbit Type Sew-E-Z Sewing Machine Motors.

Steel, nickel plated and polished; diameter of blades 6½ inches.

The speed of fan can be regulated by the foot control.

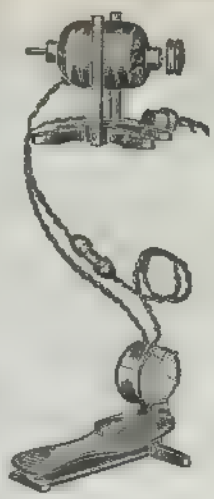
	Each
No. E-FA—Wt each about 1 lb.	6 90
One in carton.	$3 00

+F. O. B. Wisconsin Factory Only.

SEWING MACHINE MOTORS

TAILOR TYPE—SEW E-Z

110 Volts.



Especially adapted for use in tailor shops, glove factories, overall factories, shirt houses, etc. Fits and operates perfectly practically all types and models of light tailor type machines. Requires neither bolts, clamps nor screws to fasten. The speed is regulated by the pressure on the pedal.

Neatly finished in polished nickel with black enamel base. Equipped with friction attachment for winding bobbin Runs on direct or alternating current, and on frequencies from 25 to 60 cycles.

No.	E-T-110-U
Each	+67 50
List Price, Each	$98 50

One in wood box; wt each about 12 lbs.

DRINK HEATERS

HAMILTON BEACH

Nickel plated and polished brass base with ebonized wood handle; nickel plated removable cup. An electric convenience for heating all kinds of hot liquids in the home or soda fountains. Heats drinks while they are being mixed. Fits and replaces mixing cups on Nos. HB2, 8, 10 and No. 22 Gilchrist drink mixers. Complete with 6 feet of cord and separable attachment plug. Capacity 16 ounces.

	Each
No. EDH—110 to 120 volts A. C. or D. C.	+235 65
One in carton; wt each 2½ lbs.	$9 75

DRINK MIXERS

STAR-RITE

Universal type motor enclosed in nickel plated case; 5/16 inch nickel plated adjustable two-piece steel base and holder protected by rubber on top and bottom; 5¼ inch nickel plated steel agitator; brown mahogany wood handle with push through switch. Complete with 2 pint capacity glass graduated measuring and mixing bowl and 6 feet of cord with separable attachment plug. Height over all 13½ inches; diameter base 5¾ inches. Voltage 110. Operates on A. C. or D. C.

No.	802
1 to 2, Each	$20 10
3 to 5 Each	19 05
6 or more Each	18 00

One in carton; wt each 5½ lbs.

+F. O. B. Wisconsin Factory Only.

GUARANTEED VOLUPTÉ ATOMIZER

To prevent perfume deterioration or corrosion VOLUPTE metal atomizers have concealed glass containers so that the perfume does not come in contact with the metal

Silver Finish
J-45 $6.00

J-46 $6.00

J-47 $6.00

Gold Finish
J-48 $6.00

Silver Finish
J-49 $6.00

Gold Finish
J-50 $6.00

Gold Finish
J-51 $7.50

Silver Finish
J-52 $7.50

Modernistic VOLUPTÉ crystal atomizer
metal stand Gold or Silver Finish
J-69 $6.00

Silver Finish
J-53 $7.50

Gold Finish
J-54 $7.50

THE TWO UPPER ROWS ARE ALL METAL ATOMIZERS. THE THIRD BOTTOM ROW AND ALL ATOMIZERS ON THE OTHER SIDE OF THIS SHEET, ARE MADE OF GLASS, HAND DECORATED WITH 22 KARAT GOLD

J-55 $9.00

J-56 $7.00

J-57 $6.00

J-58 $6.00

J-59 $4.00

J-60 $4.00

VOLUPTE is the highest grade atomizer obtainable, made by mechanical experts. 22 karat gold is used exclusively for plating and decorating VOLUPTE atomizers

Americas best made Atomizer

GUARANTEED VOLUPTÉ ATOMIZER

An atomizer like a watch is a serviceable piece of mechanism, and should be selected with the greatest care. The VOLUPTÉ atomizer has the best mechanism obtainable, and is guaranteed for life. When selecting a gift, select a VOLUPTÉ atomizer.

J-65 $6.00
3 PIECE SET
Transparent
Amber
Blue
Green

J-64 $14.00

J-67 $11.00
Blue
ENGRAVED
Decoration

J-68 $22.50
Engraved Floral
Decoration
Ruby Background

J-62 $7.50
Ruby Background
Gold and Platinum Decoration

J-66 $7.50
Butterfly Design
Engraved and Gold Decorated
Green or Blue

J-61 $6.00
Gold Decorated

WE USE 22 KARAT GOLD EXCLUSIVELY
FOR EXCLUSIVE DECORATING AND PLATING VOLUPTÉ ATOMIZERS

VOLUPTÉ ATOMIZERS ARE FULLY GUARANTEED
TO THE SATISFACTION OF
DEALER AND USER
AND WILL BE REPAIRED OR REPLACED
FREE OF CHARGE

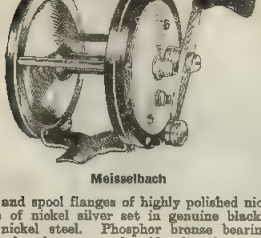
J-63 $11.00
Gold Decoration
Ruby
Blue Green Amber Gold Ruby
Green Amber

Americas best made Atomizer.

J

SALT WATER REELS

FREE-SPOOL—SURF

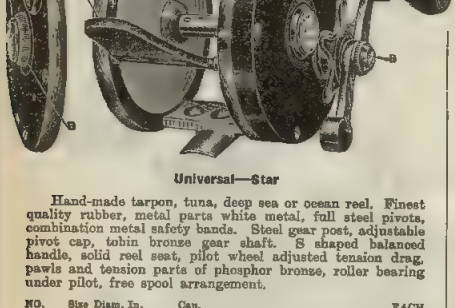


Meisselbach

Frame and spool flanges of highly polished nickel silver. End plates of nickel silver set in genuine black Bakelite. Pivots of nickel steel. Phosphor bronze bearings. Reel free-spools when button on the side plate is pressed, and a pull of the handle towards the center of the plate re-engages it. Quadruple multiplying.

NO.	Capacity	EACH
635	300 yds. No. 9	$10.00

VOM HOFE



Universal—Star

Hand-made tarpon, tuna, deep sea or ocean reel. Finest quality rubber, metal parts white metal, full steel pivots, combination metal safety bands. Steel gear post, adjustable pivot cap, tobin bronze gear shaft. S shaped balanced handle, solid reel seat, pilot wheel adjusted tension drag, pawls and tension parts of phosphor bronze, roller bearing under pilot, free spool arrangement.

NO.	Size	Diam. In.	Cap.	EACH
621	4/0	4	200 yds. No. 24	$80.00
621	6/0	4½	250 yds. No. 24	85.00
621	9/0	5	400 yds. No. 24	95.00

Advantages of This Reel

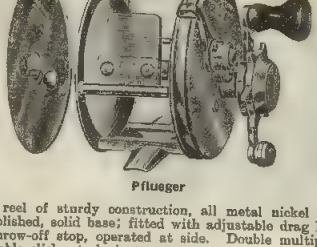
Under no circumstances can handle revolve backward; hence no injury to hands or fingers.

Bearings are all accessible for oiling without the use of tools or removing of any parts, danger of frozen pivots or gear post being entirely eliminated.

Free spool always at command of angler. Drag easily and instantly regulated.

Both drags being automatic, will release under pressure. Breaking of lines, rods and other tackle is thereby avoided.

OHIO



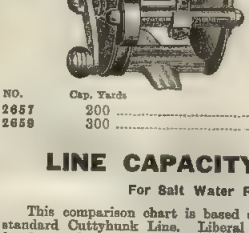
Pflueger

A reel of sturdy construction, all metal nickel plated and polished, solid base; fitted with adjustable drag handle and throw-off stop, operated at side. Double multiplying, adjustable click, steel pivots.

NO.	Yards	Pillar In.	Disc In.	EACH
2558	250	2 7/8	3½	$12.50
2559	300	2 7/8	3½	15.00

One in a box.

ALPINE



Pflueger—Level Wind

Brass, nickel plated silverine finish. Triple multiplying substantially made with double thread cross bar, which operates line guide automatically.

NO.	Cap. Yards	EACH
2657	200	$10.00
2659	300	15.00

LINE CAPACITY GUIDE

For Salt Water Reels

This comparison chart is based on using water soaked standard Cuttyhunk Line. Liberal allowance being made for free and easy running.

Single Action

Line size	6	9	12	15	18	21	24	27	30	36
Amateur Yds.	600	400	280	190	160	120	110	105	100	90

Double Multiplying

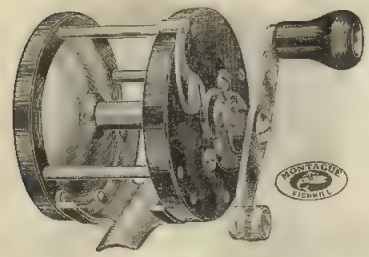
Such as: Pflueger-Everlaster; Pontiac; Oceanic, etc.

	Line Size									
Factory	6	9	12	15	18	21	24	27	30	36
Listed Cap.	Actual Capacity in Yards									
150 yd.	320	180	120	95	90	70	60	55	50	40
200 yd.	400	260	140	125	110	80	70	65	60	50
250 yd.	520	300	180	150	120	100	90	80	70	60
300 yd.	575	340	225	180	150	120	110	100	90	75
350 yd.	810	500	300	240	210	185	160	135	125	100
400 yd.	900	550	310	300	240	200	180	160	150	125
450 yd.	1200	690	420	380	300	240	220	200	175	150
500 yd.	1400	800	520	450	380	300	275	250	235	200

SALT WATER REELS

J

MONTAGUE—FREE SPOOL SURF



Fishkill

Green bakelite sideplates, nickel silver frame and spool. Free spool, manipulated by convenient throwoff lever. Steel pivots. Bronze bearings. Straight handle with shaped grip.

NO.	Cap. Yds.	M	EACH
ME1	250		$5.00

"Trail"

Nickel silver frame and spool, reinforced with green bakelite sideplates. Steel pivots. Bronze bearings. Shaped bar handle with bakelite grip. Free spool. Throwoff lever at top. Star drag for line tension.

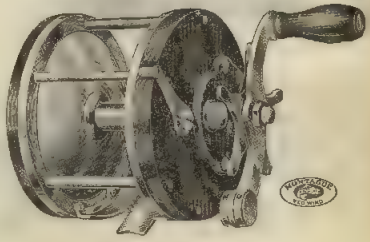
NO.	Cap. Yds.	M	EACH
MC3	250		$10.00
MC4	300		12.00

Long Beach

Nickel silver frame and spool, reinforced with green bakelite sideplates. Steel pivots. Bronze bearings. Straight bar handle with shaped grip. Free spool, manipulated by throwoff lever at top.

NO.	Cap. Yds.	M	EACH
MC2	250		$7.50

MONTAGUE—BOAT OR HEAVY SERVICE



Red Wing

Nickel silver frame and spool, reinforced with green bakelite sideplates. Steel pivots. Bronze bearings. S-shaped handle with long grip. Free spool lever at top. Star drag for line tension.

NO.	Cap. Yds	M	EACH
MC5	500		$25.00

INTERNATIONAL SILVER CO.

Wise business experts have pointed out that women influence the purchase of 85% of all commodities. If it's 85% in all commodities . . . imagine what it must be in an ultra-feminine article like silverware. You can estimate it at 98% and never be accused of the slightest exaggeration. Therefore SILHOUETTE follows the most feminine slant in the world for its theme . . . fashion. SILHOUETTE brings, in silverware, the same basic Paris inspired lines women demand in frocks, hats, handbags, shoes . . . every article of fashion. For certain identical, right, true lines run through all things of beauty and good taste. Clean, stream lines. And these are the lines of fashion, and of SILHOUETTE.

THE NEW SILHOUETTE PATTERN

VIANDE . . the new knife

PATENT APPLIED FOR

The new dinner knife, the Viande, is of special interest. Short blade . . . long handle. Enabling one to press one's finger on the handle instead of the blade. It's the logical shape for a knife. However, to please your conservative prospects, we also make the regular conventional dinner and dessert knives in SILHOUETTE—thereby giving you the chance to give your customer the choice. We predict that Viande will be the regulation standard knife on tomorrow's tables... and it is ready for you today.

An International Silver Co. Product

1847 ROGERS BROS.

SILVERPLATE

THE NEW SILHOUETTE PATTERN

SPOONS	List Dozen	Consumer
Tea	$9.18	$7.50 doz.
Dessert or Oval Soup	18.36	15.00 doz
Table or Serving	18.36	15.00 doz.
Soup, Round Bowl	18.36	15.00 doz
Berry or Salad	51.52	3.50 ea.
Berry, small, or Preserve	40.52	2.75 ea
Bouillon	17.74	7.25 six
Coffee	9.18	3.75 six
Cream Soup or Cereal	18.36	7.50 six
Five o'Clock Tea	9.18	3.75 six
Iced Tea	14.72	6.00 six
Olive	25.78	1.75 ea
Orange or Grape Fruit	14.10	5.75 six
Sugar	18.36	1.25 ea
FORKS		
Dinner	18.36	15.00 doz.
Dessert or Luncheon	18.36	15.00 doz.
Cold Meat, large	36.80	2.50 ea.
Cold Meat, small	29.46	2.00 ea
Ice Cream	15.36	6.25 six
Oyster or Cocktail	12.90	5.25 six
Pastry or Pie	20.86	8.50 six
Pickle	22.06	1.50 ea
Salad, Individual	18.36	7.50 six
MISCELLANEOUS		
Sugar Tongs	29.46	2.00 ea.
Ice Tongs	84.61	5.75 ea.
Cucumber or Tomato Server	47.86	3.25 ea.
Dessert Server	62.58	4.25 ea.
Jelly Server	25.78	1.75 ea.
Butter Knife	18.36	1.25 ea.
Butter Spreaders	15.36	6.25 six
Cheese Server, H. H.	40.52	2 75 ea.
Pie Server, H. H.	66.26	4.50 ea.
Mayonnaise or Sauce Ladle	33.12	2 25 ea.
Gravy Ladle	40.52	2.75 ea.
KNIVES (Hollow Handle)		
Dinner, Mirror Finish Stainless Blades	36.50	28.00 doz.
Viande (Long Handle Short Blade), Mirror Finish Stainless Blades	39.12	30.00 doz
Dessert, Mirror Finish Stainless Blades	36.50	28.00 doz.
Tea or Salad, Stainless Blades	28.70	11.00 six
Fruit, Stainless Blades	28.70	22.00 doz
KNIVES (Solid Handle)		
Dinner, Stainless Blades	18.28	14.00 doz.
CARVING SETS (Hollow Handles, Stainless Blades and Tines)	Set	
Carving Set, 3 pcs.	23.46	18.00 set
Game Set, 2 pcs.	15.98	12.25 set
Steak Set, 2 pcs	10.44	8.00 set

26, 34 and 50-PIECE UTILITY TRAY SETS

With Hollow Handle Knives, Mirror Finish Stainless Blades, and Flat Handle Forks

	List	Consumer
26-Pc. Utility Tray Set	$46.34	$36.25 set
34-Pc. Utility Tray Set	60.08	47.15 set
50-Pc. Utility Tray Set	89.10	69.75 set

With Viande (long handle, short, mirror finish stainless blade) Knives, and Flat Handle Forks

26-Pc. Utility Tray Set	47.64	37.25 set
34-Pc. Utility Tray Set	61.80	48.50 set
50-Pc. Utility Tray Set	91.70	71.75 set

With Solid Handle Knives, Stainless Blades, and Flat Handle Forks

26-Pc. Utility Tray Set	37.22	29.25 set
34-Pc. Utility Tray Set	47.92	37.80 set
50-Pc. Utility Tray Set	70.86	55 75 set

SILHOUETTE . . . Comes in gift boxes, as illustrated above. In larger units . . . 53-Piece, 76-Piece and 100-Piece Giveaway Chests . . . note the sets listed:

GIVEAWAY CHEST SETS—54, 76 and 100 PIECES

For the [illegible] of the silver plate [illegible]

With Hollow Handle Knives, Mirror Finish Stainless Blades, and Flat Handle Forks

	Last	Consumer
54-Piece Giveaway Chest Set	$90.00	$72.20
8 Dinner Knives	8 Butter Spreaders	1 Gravy Ladle
8 Dinner Forks	8 Cocktail Forks	1 Butter Knife
8 Teaspoons	8 Tea Spoons	1 Sugar Spoon
8 Soup Spoons	1 Pie Server	
[illegible]		$112.28 $90.35
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
100-Piece [illegible]		$149.50 $120.25
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	

With Viande (long handle, short mirror finish stainless blade) Knives

	Last	Consumer
54-Piece [illegible]	$91.72	$73.50
76-Piece [illegible]	113.42	91.65
100-Piece [illegible]	152.13	122.25

For other combinations, see pages illustrating other 1847 ROGERS BROS. patterns

·1847 ROGERS BROS·

Create That Distinctive Appearance to Home Surroundings

Break the monotony of sameness which is prevalent in the average home today. These classic reproductions are clearly modeled attractively finished in harmoniously blended colors, and serve to enhance surroundings in the home. Admirably suited for gift purposes as these art subjects are not in the ordinary class of gift items

Make Your Gift Unusual

"THE WEDDING JOURNEY OF HIAWATHA AND MINNEHAHA" PLAQUE

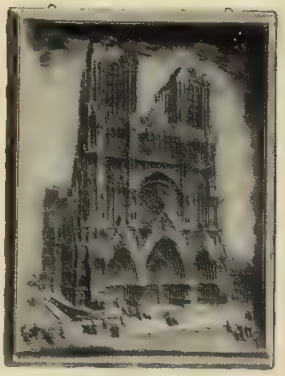
Finished in "Majolica" highly glazed, a finish thoroughly described on preceding pages. Artistically decorated in a combination of correct decorative colors. Very clearly modeled and defined. Size, 12x12 inches. This is a very popular plaque, of an usual assortment, both in detail and color variance. Adds charm to the home. It is also admirably suited for gift purposes owing to its small cost.
No. 8T 234 Each $5.25

"APPEAL TO THE GREAT SPIRIT" PLAQUE

Another popular plaque richly finished in "Majolica" (highly glazed), a finish thoroughly described on preceding pages. Artistically decorated in following colors: frame, graduated brown, background, brownish orange; horse somewhat dark yellow with cracks on which he stands are darkish brown with black bridling; the design and lighter red. Size, 9½x26 inches. Fine for hanging purposes.
No. 8T 214 Each $3.00

SAME AS ABOVE IN COMPANION SUBJECT ENTITLED "END OF THE TRAIL"
No. 8T 294 Each $3.00

Note—One of each mount letters a set apart, to which names they are very often used.



"CATHEDRAL OF RHEIMS" PLAQUE

A splendid and very historical reproduction. Exquisite in its architectural beauty. This Cathedral is very impressive for its architecture, one of the rare examples left from the Gothic era, was destroyed during the war and the quick rebuilding after the war has made it popular the world over. It is masterly modeled with utmost application devoted to even the smallest detail. Magnificently finished in "Majolica" highly glazed, a finish thoroughly described on preceding pages. Size, 13x10 inches.
No. 8T 254 Each $6.00

"WALKING LION" by BARYE

Reproductions of animals are very popular this year. It is a very appropriate ornament for the den or the library. It measures 15x8 inches and is richly finished in "Majolica" a finish thoroughly described on preceding pages. In addition to this exquisite finish, the Baryleaf has a greenish blue background, which contributes to relief of the figure, and, making it more lifelike as you stand a slight distance away. It is an unusual, regarded object as skilful hands can produce. Very finest workmanship and finish. Size, 9x11 inches.
No. 8T 274 Each $5.25

"MADONNA" PLAQUE

By Demetrelis

Size 18x7 inches. Richly finished in Polychrome and abundantly toned with burnished gold. Has utmost religious significance. Priced so low it should be in every home.
No. 8T/563 Each $5.25

"DOG" BOOK ENDS

A popular set reproduction of "Dog" Book Ends. Masterly modeled and clearly defined. Finished in "Majolica" ware, glazed and richly thoroughly described on preceding pages. Decorated in exquisite shaded combination of brown, black and green, softly blending colors. Size, 6x6 inches. Felt bottoms.
No. 8T/535 Per Pair $5.25

"ST. CECILIA" PLAQUE

There is such a beautiful array of colors, so tastefully executed, and correctly applied, we will dwell at length on this modern reproduction. The contrasting of the dark brown of the organ, to a bluish cast of the background and from a light green of the cloak to the pinkish orange of the cape, to the white faded blue of the clouds is a perfect and effective harmony of colors. It is beautifully modeled and richly finished in "Majolica Ware," glazed, a finish described on preceding pages. Size, 13x9 inches. Exceptional value. Attractively priced.
No. 8T/153 Each $5.25

"HARVESTING" by "DONATELLO"

This beautiful Baryleaf which measures 30x12½ inches, is very appropriate for the dining room, to be placed above the buffet, or as a living room decoration. It has religious significance and a deep love for all of spiritual minds. "Harvesting" has near sense by composers of all ages as it represents a meaning to all races. Appreciation for substantial crops, the custom centuries back expressed itself in song and wine, notwithstanding thanks. It is masterly modeled, faithfully executed and attractively finished in "Majolica" (highly glazed), a finish thoroughly described on preceding pages. It makes a distinctive and exclusive Wedding, Birthday or Anniversary Gift. The prevailing price is very low.
No. 8T/624 Each $22.50

Add That Necessary Touch of Charm and Beauty to the Home

The Masterstip embossing so clearly defined coupled with the most exquisite finish is delightfully charming and very prepossessing in appearance. Just such articles as these add refinement and individuality to the home. They lend charm to other furnishings and in appearance. Just such articles as these add refinement and individuality to the home. They lend charm to other furnishings and reflect an expression of thought and study exercised in the arrangement of living room or library quarters. For bridal, Birthday or Holiday gifts they win unusual admiration and favor on the part of the recipient. The quality is the best and these prices permit a substantial saving

PRACTICAL GIFTS THAT BRING HAPPINESS

STATUE "WALKING ELEPHANT"
Choice of two sizes

A very practical and attractive radio or table decora- tion. A subject which is very popular in the homes today. It is masterly executed very cleanly modeled and defined. Finished in a lovely Ma- rilen finish (highly glazed) a finish thoroughly described at right. Colors are soft and light beautifully blending green and gray. It makes a stunning Bridge or "500" prize. Ideal for gift purposes. Inexpensively priced and a splendid value. Excellent workmanship throughout.

No.	Size	Each
8T 315	Height 9 inches length 11 inches	$ 5.00
8T 325	Height 12 inches length 16 inches	7.50

BUST "LINCOLN"

A bust of the "GREAT EMANCIPATOR" in the home will lend an air of individuality and refinement. This model possesses an unusual likeness, is excellently modeled and finished in a most superb manner. Furnished in two sizes and finished in a deep Copper Bronze, described at length at left.

No.	Size	Each
No. 8T 221	Height 12 inches	$3.50
No. 8T 262	Height, 21 inches	8.25

CAN FURNISH SAME SUBJECT WITHOUT BEARD

Some prize this greatly and really prefer this design.

No.	Size	Each
No. 8T 201	Height 18 inches	$ 4.50
No. 8T 381	Height, 30 inches	13.00

STATUE "WALKING LION" (by Barye)

Makes a splendid piano, cabinet or table decoration. It is masterly executed and the subject very clearly defined. It is finished in a deep Copper Bronze described at left and offered in two sizes as quoted. It is one of the most popular animal subjects and his number especially as a fine reproduction.

No.	Size	Each
No. 8T 45	Size, 14x 9 inches	$ 6.75
No. 8T 65	Size, 26x14 inches	21.00

SAME STYLE AND SIZE AS NO. 8T45 EXCEPT IN "WALKING TIGER" DESIGN

The two constitute a set or pair and very frequently are sold in this manner. NO. 8T 55, Walking Tiger. Size 14 x 9 inches. Each 36.75

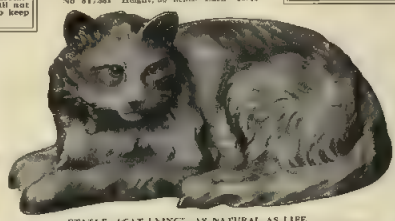
DESCRIPTION OF COPPER BRONZE FINISH

With this definition we aim to reproduce the effects true to the nature of a genuine Copper Bronze Statue that is, the fusion of brownish red to greenish gray and black, softly blended together, as one can see on any statue made of Copper Bronze.

As for its consistency, this coloring is so fast and metal-like that there is no need of washing, as dust will not stick to it and but simple dusting is sufficient to keep article clean.

DESCRIPTION OF "MAJOLICA" FINISH

Technically Majolica is any article made of poured clay highly burnt, polychromed glazed and relined. In other words it is a high glass Ceramic on the order of the Rookwood Ware of Cincinnati. In adopting this definition to some of our reproductions our aim is to imitate the Antique Florentine Majolica reproduced in Florence by the work of time. We believe that this finish of ours is true to nature of the Ceramic of that period for one can notice on our reproductions almost the same harmonious blending of those multi-tints fusing one another as you may see on any of the original pieces in the European Museums. This finish is absolutely washable.



STATUE "CAT LYING" AS NATURAL AS LIFE

Here's a subject of a cat lying and curled up in a realistic lazy fashion very modeled and clearly defined. Appropriate for a Doll or Dresser, as an ornament or for the mantel shelf. Never under such a price will you see this class of ware offered. Finished in Majolica (highly glazed) a finish thoroughly described here before. The colors designated to this model are white shaded realistic to gray, black and realistic white. Height 7 inches, length 15 inches. It makes an unusual and very exclusive gift article.

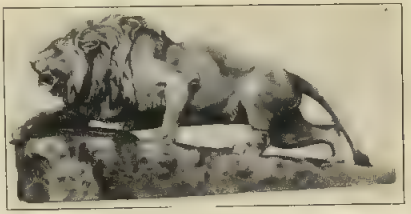
No. 8T/185 Each $7.50

ELECTRIC FIRESIDE LAMP

Indeed a quaint lamp which will arouse interest and admiration. Height 15 inches. Width 8 inches. Wired complete, with cord and plug, (state style). Nicely modelled and clearly defined. It is expertly finished in the "Majolica" (highly glazed) a finish fully described above. Colors are an exquisite shaded combination of brown, black and green, with a touch of pale red on hood to resemble the old Terra Cotta roofs. If you wish your gift to be exclusive and not duplicated consider this article. Finest workmanship and finish.

No. 8T/710 Each $10.50

No. 8T/710S Same as above except equipped with Electric Bulb. Each 12.00



STATUE—"CROUCHING LION"—(By Barye)

Peculiar as a radio ornament. Also furnished in a companion piece "THE CROUCHING LIONESS" described below. The two constitute a pair and when purchased in sets and placed as mantel or fireplace, they add dignity and charm to surroundings. Height 8 inches, length 19 inches. Finished in a rich and deep colorful Copper Bronze, described at length above. Unusually clearly modeled and defined. Attractively finished and priced very low. Makes a highly appreciated gift item.

No. 8T/75 The "Crouching Lion" (as shown). Each $6.75

No. 8T/85 The "Crouching Lioness." Each 6.75

GARGOYLE LAMP
Equipped with Red Electric Bulb

An unusual novelty. Very appropriate for the hall or mantel piece. It is furnished with an artistic red bulb, candelabra size, which makes a beautiful effect on this lovely Majolica (highly glazed) finish, which is described above. The coloring is a mixture of greenish bluish green and brown, with a little touch of black in the depths, to resemble the Gargoyles of the old cathedrals of Europe. Height 15 inches. Comes complete with cord and plug. It is just such an original article as this which creates unusual interest and radiates a feeling of Oriental atmosphere in the home. Very suggestive as an exclusive Wedding Anniversary gift. Expertly modeled and clearly defined.

No. 8T/197 Each .. $6.00

Classic Reproductions of Marvelous Beauty at Factory Prices

Interesting subjects which have historical connection. Executed by master hands, most exquisitely modeled and finished in rich and attractive colors such as Antique Majolica (highly glazed) and Polychrome finishes.

Such articles radiate pronounced individuality in the home. They permeate an atmosphere of dignity and charm which lend cheerfulness and elegance to surroundings. Immensely popular as Bridal, Birthday or Holiday Gifts which charm the recipient and satisfy the donor due to the unerring good judgment exercised in selection.

SHIP—"THE PINTA"

Complete with Electric Globe Cord and Plug

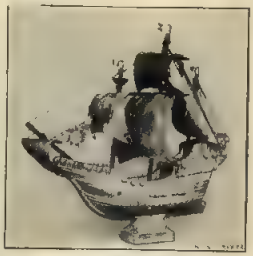
A true representation of the Columbus caravel "THE PINTA" which is an old Spanish Ship. Light wood. Artistic, the bottom of boat, if stained and polished, will show what enhances the grain and makes it more pronounced. The mast and cross piece are made of wood and the sails of tarnished steel brass. A small red miniature electric bulb is fitted on inside, which when illuminated, reflects its light upon the boat, giving one the impression of seeing a real boat at sea. Height to top of mast, 18 inches; length 16 inches; depth 4½ inches.

No. 8T/267 "The PINTA" Ship. Each $16.50

"OLD IRONSIDES" PLACQUE

Rich in historical America. A beautiful large oval placque, showing the ship "Old Ironsides" which is a correct and exact reproduction of this famous ship. This is a real work of art. It is not only correctly executed in all its details, but is very tastefully colored, combining soft, subdued tones of interest with absolute correctness. Back fitted with ring or hook for hanging purposes. Ship placques are very popular for this reason. This pleasing oval design, especially, is admirably suited for gift purposes. Very exclusive. Exceptionally low priced.

No. 8T 454 Each $15.00

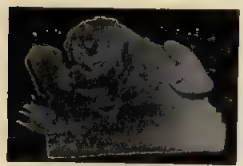


SHIP "THE NINA"

Complete with Electric Globe Cord and Plug

A companion ship to the "PINTA" shown at left. This model is the design of "The Pinta"—being 1 foot 4 inches long. Has one sail in front of the prow and measures 22 inches from stern to prow. For general description refer to "The Pinta" as described at left. Unusually skillfully executed in the Jacobite finish—a reproduction of the old wood showing the grains and the deterioration of time. Equipped with electric bulb, silk cord and plug. Very suitable as a radio or mantel decoration. It will be most graciously accepted and thankfully acknowledged as a Wedding, Birthday or Holiday gift. Very finest skilled workmanship. Priced very low.

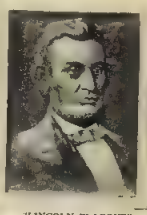
No. 8T/267 The "NINA" Ship. Each. . $19.50



"LION OF LUCERNE" BOOK ENDS

The most popular design of all book ends. This design is especially praiseworthy in its clear definition and excellent finish, even though price is very low. Finished in "Majolica" (highly glazed)—A finish thoroughly described on preceding page. Size 6½ inches high. Felt bottoms. Makes an ideal and inexpensive gift item.

No. 8T/505 Per Pair $5.25



"LINCOLN PLACQUE"

The "GREAT EMANCIPATOR"

This placque should be in every home. A natural likeness, distinctively defined, measuring 8x8 inches (square in shape). Highly glazed portrait in the Majolica finish, decorated in various colors to represent gold finishing, perfectly blended together. Has hook for hanging purposes. Decorative effect for room or den.

No. 8T/114 Each $3.00

PLACQUE—"OLD SPANISH SHIP"

Our first showing of the "Old Spanish Ship" in these platters. It is the most perfect design we have ever shown in such beautiful, distinctive, artistic and real lasting ware. Every detail is shown in the most perfect manner. Hand decorated in the most delightful colors. Very attractive for wall decoration. Will be much admired. Very suitable for gifts. Priced very low. Each piece has a hole in back for hanging purposes. Any one of these will make a most delightful gift for any lucky person. Priced very low for such high quality.

No. 8T 466 Each $16.50

ROMAN VASE by "Cellini"

A true reproduction of the original of which is in the National Museum of Florence, Italy, one other than the famous "Cellini" Vase representing a figure and finely executed decorations and panels. Majolica finish, highly glazed, in colors described in preceding pages. Height 12 inches. Priced unusually low for such a beautiful reproduction.

No. 8T 903 Each $4.75

PORTLAND VASE

This famous ancient vase is a reproduction. A copy of the original Portland Vase which is the pride of Portland of England and was purchased by the British Museum. Was excavated at Rome. Description: Height 10 inches. Made of Stoneware. Finished in Majolica finish. Stands on a highly decorated pedestal. An interesting piece. Superexceptionally decorated. Priced at a remarkably low price.

No. 8T 838 Each $6.00

WALTHAM

COLONIAL WATCHES

WALTHAM 75

W2001 14 Kt. solid white gold $103.00
W2002 14 Kt. solid green gold 103.00
Sells to consumer for $175.00

Thin model 14 Kt. solid gold case, good weight engraved edge, plain bezel and back. Royal 19 Jewel movement adjusted temperature and 5 positions. Embossed gold numerals; seconds indicator

WALTHAM 60

W2003 14 Kt. solid white gold $76.90
W2004 14 Kt. solid green gold 76.90
Sells to consumer for $60.00

Same as Waltham 75, only fitted with 17 Jewel movement, temperature adjusted

WALTHAM 60

W2005 14 Kt. white gold filled $76.90
W2006 14 Kt. green gold filled..... 76.90
Sells to consumer for $60.00

Exclusive cushion shape, thin model, engraved bezel, plain sweep back. Royal 19 Jewel movement, adjusted temperature and 5 positions, embossed gold numerals

WALTHAM 45

W2007 14 Kt. white gold filled $61.50
W2008 14 Kt. green gold filled 61.50
Sells to consumer for $45.00

Same as Waltham 60, only fitted with 17 Jewel movement, temperature adjusted

WALTHAM 40

W2009 14 Kt. white gold filled $54.90
W2010 14 Kt. green gold filled 54.90
Sells to consumer for $40.00

Thin model engraved edge and bezel, plain back, fine 17 Jewel movement, decorated dial, embossed gold numerals

WELL-KNOWN for their attractive appearance and time keeping accuracy. They make appropriate, useful and acceptable gifts.

Cased, timed and regulated at the factory. Put up in attractive gift box. Illustrations show actual size.

Prices are list, subject to wholesale discounts.

WALTHAM 60

W2011 14 Kt. solid white gold $76.90
W2012 14 Kt. solid green gold . 76.90
Sells to consumer for $60.00

Stylish thin model 14 Kt. solid gold case, good weight, plain bezel, neatly engine turned back, 17 Jewel movement, temperature adjusted, embossed gold numerals

WALTHAM 100

W2013 14 Kt. solid white gold . $128.50
W2014 14 Kt. solid green gold 128.50
Sells to consumer for $100.00

Popular octagon shape 14 Kt. solid gold good weight case, engraved bezel, plain back. Royal 19 Jewel movement adjusted temperature and 5 positions. Sterling silver dial, inset gold numerals, seconds indicator

WALTHAM 75

W2015 14 Kt. solid white gold $103.00
W2016 14 Kt. solid green gold 103.00
Sells to consumer for $75.00

Same as Waltham 100, only fitted with 17 Jewel movement temperature adjusted

WALTHAM 40

W2017 14 Kt. white gold filled . $54.90
W2018 14 Kt. green gold filled 54.90
Sells to consumer for $40.00

Thin model stylish case, engraved center, neatly engine turned back, plain bezel, 17 Jewel movement, temperature adjusted, embossed gold numerals, seconds indicator

American Made Rectangular Ribbon Watches

Guaranteed by the Manufacturers

CASED AND TIMED AT THE FACTORY. ATTRACTIVELY BOXED

7¼ Ligne 14k Solid White Gold case, set with 6 genuine diamonds. 5 jewel Waltham movement. This is a special design with ba
G24 + 1 Retails for $120.00. **$135.00**

7¼ Ligne 14k Solid White Gold Enamel Inlaid case, 15 jewel Waltham movement.
G24 2 Retails for $95.00. **$82.80**

7½ Ligne 14k Solid White Gold Engraved case, 15 jewel Waltham movement
G24 + 3 Retails for $80.00 **$76.90**

7½ Ligne 14k Solid White Gold Engraved case, 15 jewel Waltham movement
G24 + 4 Retails for $80.00 **$76.90**

7¼ Ligne 14k White Gold Filled Enamel case, 15 Jewel Waltham Movement
G24 + 5 Retails for $47.50. **$63.25**
With 7 jewel Waltham, case as shown above.
G24 + 6 Retails for $37.50 **$49.95**

7¼ Ligne 14k White Gold Filled Enamel case, 15 Jewel Waltham movement
G24 + 7 Retails for $47.50. **$63.25**
With 7 jewel Waltham, case as shown above
G24 + 8 Retails for $37.50 **$49.95**

LADIES WALTHAM SPORT WATCH
7¼ Ligne 14k Solid White Gold Engraved case with removable leather strap, two extra straps and buckle. 5 jewel Waltham raised figure dial movement
G24 9 Retails for $75.00 **$103.00**

7¼ Ligne 14k White Gold Filled Enamel case, 5 jewel Waltham movement
G24 + 10 Retails for $47.50 **$63.25**
With 7 jewel Waltham, case as shown above
G24 + 11 Retails for $37.50. **$49.95**

18/0 size 14k Solid White Gold Engraved case, 15 jewel Elgin movement.
G24 + 12 Retails for $60.00. **$76.90**

7¼ Ligne 14k White Gold Filled Engraved case, 15 jewel Waltham movement
G24 + 13 Retails for $45.00. **$60.00**
With 7 jewel Waltham, case as shown above
G24 + 14 Retails for $35.00. **$46.65**

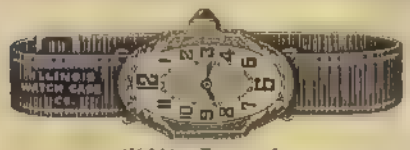
18/0 size 18k Solid White Gold Engraved case 17 jewel Illinois movement
G24 + 15 Retails for $75.00 **$103.00**
14k White Gold Filled case, assorted case designs, with 17 jewel Illinois movement
G24 + 16 Retails for $50.00. **$67.50**

7¼ Ligne 14k White Gold Filled Engraved case, 15 jewel Waltham movement
G24 + 17 Retails for $45.00 **$60.00**
With 7 jewel Waltham, case as shown above.
G24 + 18 Retails for $35.00. **$46.65**

18/0 size 14k White Gold Filled Engraved case, 15 jewel Elgin movement.
G24 + 19 Retails for $45.00. **$60.00**

Ladies' Watch Combination Ribbon and Mesh Band Gift Set

6½ and 5¾ Ligne 6 and 15 Jewel Low Priced Dependable Movements in 14k Solid Gold, Pride 14k Gold Filled and Tivoli Cases. A Well Finished Movement Throughout. Fine Hairspring, Solid Steel Balance, Highly Polished Jewel Winding Wheels. Nicely Finished Silver Dials on All Watches. Each Watch is Separately Packed in a Presentation Box With a New Style Mesh Band as Shown in Center Illustration



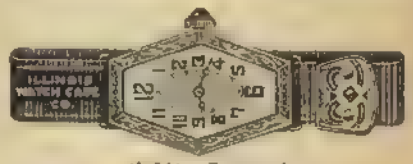
6½ Ligne Engraved

G23 ÷ 1	Tivoli White Filled, 6 Jewel	$20.00
G23 ÷ 2	Pride 14k Gold Filled, 15 Jewel	30.00
G23 ÷ 3	14k Solid Gold, 6 Jewel	25.00
G23 ÷ 4	14k Solid Gold, 15 Jewel	32.00

6½ Ligne Engraved

G23 ÷ 9	Tivoli White Filled, 15 Jewel	$25.00
G23 ÷ 10	Pride 14k Gold Filled, 15 Jewel	30.00

The watches on this page make a very handsome gift package. A beautiful box furnished with each watch together with a ribbon attached to the watch and an extra mesh band with center catch. Makes a very ideal gift for the Graduate, Birthday, Confirmation or Christmas.



6½ Ligne Engraved

G23 ÷ 5	Tivoli White Filled, 6 Jewel	$20.00
G23 ÷ 6	Pride 14k Gold Filled, 15 Jewel	30.00
G23 ÷ 7	14k Solid Gold, 6 Jewel	25.00
G23 ÷ 8	14k Solid Gold, 15 Jewel	32.00

6½ Ligne Engraved

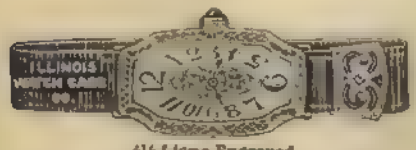
G23 ÷ 11	Tivoli White Filled, 6 Jewel	$20.00
G23 ÷ 12	Tivoli White Filled, 15 Jewel	25.00
G23 ÷ 13	14k Solid Gold, 6 Jewel	25.00
G23 ÷ 14	14k Solid Gold, 15 Jewel	32.00

6½ Ligne Engraved

G23 ÷ 15	Tivoli White Filled, 6 Jewel	$20.00
G23 ÷ 16	Tivoli White Filled, 15 Jewel	25.00
G23 ÷ 17	14k Solid Gold, 6 Jewel	25.00
G23 ÷ 18	14k Solid Gold, 15 Jewel	32.00

5¾ Ligne Engraved

G23 ÷ 19	14k Solid Gold, 15 Jewel, Set with Eight Sapphires	$60.00



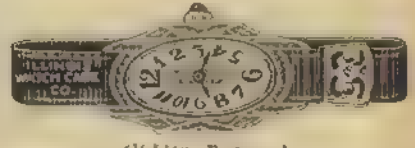
6½ Ligne Engraved

G23 ÷ 21	Tivoli White Filled, 6 Jewel	$20.00
G23 ÷ 22	Tivoli White Filled, 15 Jewel	25.00
G23 ÷ 23	Pride 14k Gold Filled, 15 Jewel	30.00

OUR REPAIR DEPARTMENT
Can Repair
The Finest or
The Cheapest Watch Made
Send your watches in to us.
PRICES RIGHT

6½ Ligne Engraved

G23 ÷ 20	14k Solid Gold, 15 Jewel, Set with 2 Diamonds, 4 Sapphires	$58.00



6½ Ligne Engraved

G23 ÷ 24	14k Solid Gold, 7 Jewel	$40.00

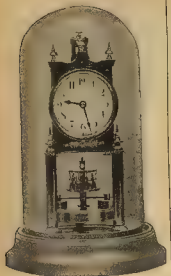
THE ABOVE PRICES ARE SUBJECT TO THE REGULAR DISCOUNT.

IF ANY ARTICLE PROVES UNSATISFACTORY, RETURN AT ONCE. WE WILL EXCHANGE OR REFUND MONEY.

"THE HOUSE OF QUALITY, SERVICE AND SATISFACTION"

Mantel and Hall Clocks

400-Day Clock



400-DAY CLOCK Glass globe, brass base, ivory finished dial. Runs 400 days with one winding. Highest quality movement made. Height, 12 inches, diameter, 7½ inches.
P6574 ..... Each 22.00

Westminster Chime Clocks

WESTMINSTER CHIME—Genuine mahogany case, convex glass in gold metal sash. Silver dial with raised numerals. Size of case, length, 21½ inches; height, 9¾ inches, depth, 6 inches.
P6576 ..... Each 64.00

WESTMINSTER CHIME Genuine mahogany case, convex glass, inlaid panels. Length, 21½ inches, height, 9¾ inches, depth, 6⅝ inches.
P6577 ..... Each 72.00

400-Day Clock

GERMAN 400-DAY CLOCK WITH PENDULUM—Novel pendulum weighted with four balls. Highly polished brass movement with all cut-steel pinions and ivory-enameled dial. Enclosed in glass globe with domed top and round base so that the entire mechanism is visible. Height, 11 inches. Width 7¾ inches. Dial, 3 inches.
P6575 ..... Each 22.00

THESE Clocks are made of solid mahogany hand rubbed and finished in antique brown. The dials are silvered or gilded.

Grandfather Clocks

F. O. B. Chicago

EQUIPPED with artistic skeleton hands. Imported movements and deep-toned hour and half-hour gong strikes.

HALL CLOCK Full Westminster chime, strikes every quarter of an hour on a solid musical rod. Chime can be cut out at night. Eight-day movement. Height, 7 feet 6 inches. Width, 21½ inches. Depth, 11 inches. Dial, 13¼ inches.
D6579 ..... Each 148.00

HALL CLOCK—Imported German eight-day quarter hour Westminster Chime movement. Arched dial with silver numeral ring. Height, 7½ inches. Width, 20 inches. Depth 11 inches. Dial, 10x13 inches.
D6580 ..... Each 170.00

HALL CLOCK Musical hour and half-hour strike on gong. Chain wind weight construction. Eight-day movement. Height, 78 inches. Width, 19 inches. Depth, 10 inches. Dial 12¾ inches.
D6578 ..... Each 98.00

Full Westminster Chime, strikes every quarter of an hour on a solid musical rod.

Warwick Clock

WARWICK CLOCK—Graceful, carved mahogany, with inlaid panels. Arched glass and metal dial, and curved crystal. The clocks have eight-day lever movements with steel cut pinions. At the side of each panel are decorative brass ornaments and in the base, three brass balls. Height 23¾ inches, width 7¾ inches. Finished in mahogany, green and gold. Specify finish.
P6628 ..... Each 14.00

Banjo Clocks

WHITNEY CLOCK Banjo style clocks with colored hand-decorated panels, brass side pieces and attractive gilt eagle. Eight-day movement on clock. Improved Cathedral rods. Eight-day pendulum movement. Height, 23½ inches. Width, 10¾ inches. Dial 4 inches.
P6630—Hand rubbed mahogany finish ..... Each 25 50
P6631—Same as P6630 but gold plated eagle ornament. Mahogany ..... Each 29.00

Tambour

TAMBOUR—Beautifully mahogany finished mantel clock. Has a silver dial, 5½ inches in diameter, enbist numerals. Skeleton Hands and convex glass. 8-day movement, hour and half-hour rod strike. Height, 9¾ inches, width, 20 inches.

P6524 ..... Each 14.00

Harmonious

HARMONIOUS—Mantel clock, 5½ inch silvered dial with raised numerals. 8-day duo-strike movement, self-adjusting hour and half-hour strike. Mahogany finished case; cast sash, beveled convex crystal. Height, 9¼ inches, width, 20 inches.

P6527 ..... Each 21.00

Westminster Chime Clocks

Full Westminster Chimes with Chorded Strike. Chimes on silver-toned, rods at the quarter, half-hour, third quarter and hour. Eight-day, self-adjusting chimes and strike with easily removable main springs. The flexible steel-feather control is an exclusive feature found only in New Haven chimes. Hand-rubbed cases of solid mahogany. Deco finish. Requires six-incl. mantel

Tambour

TAMBOUR—Mantel Clock with mahogany finished case, 5½-inch silvered dial with raised numerals; convex crystal 8-day movement; hour and half-hour strike. Height, 9¾ inches, width, 20 inches.

P6525 ..... Each 13.40

Ibis

IBIS—Dresser Clock, mahogany finished case, with two-toned panels. Silvered dial. Height, 6 inches, width, 8 inches. 40 hour movement.

P6518 ..... Each 5.40

Toledo

TOLEDO WESTMINSTER CHIME—Silvered dial with raised numerals; convex crystal. Finished with dark panels and base. Height, 9 inches; base, 19 inches, dial, 6½ inches.

P6532 ..... Each 44.80

Tambour

TAMBOUR—Fancy shaped, mahogany finished Mantle Clock, 5½-inch silvered dial with raised numerals, convex crystal 8-day movement. Hour and half-hour strike. Height, 9¾ inches, width, 20 inches.

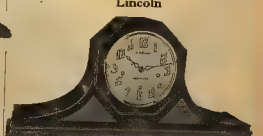
P6526 ..... Each 15.40

Icot

ICOT Dresser clock, moulded case, 2½-inch silvered dial, 40-hour movement Mahogany finish. Height, 3½ inches; width, 8 inches.

P6517 ..... Each 5.40

Lincoln



LINCOLN WESTMINSTER CHIME—Fancy shaped clock with silvered dial and raised numerals, convex crystal. Finished with dark panels. Height, 9¾ inches, base, 21 inches, dial, 6 inches.

P6533 ..... Each 53.40

Queda

QUEDA—Beautiful desk clock, antique mahogany, 3½-inch silvered dial. Skeleton hands. Reliable 8-day jewelled movement. Height, 5⅝ inches, width, 12½ inches.

P6523 ..... Each 14.70

Harmoniste

HARMONISTE—Beautiful Mantel Clock, 5½-inch silvered dial with raised numerals. 8-day duo strike movement. Self-adjusting hour and half-hour strike. Mahogany finished case, cast sash, beveled convex crystal. Height, 9¾ inches, width, 20 inches

P6529 ..... Each 21.00

SUGGEST CLOCKS FOR GIFTS

Harkness

HARKNESS WESTMINSTER CHIME—Silvered dial with raised numerals, beveled convex crystal. Finished with dark panels. Height 16 inches; base, 21 inches; dial, 6 inches.

P6534 ..... Each 53.40

For Dependability No Timepieces Surpass Electric Clocks. Once Set, They Keep Perfect Time Indefinitely. They Require No Attention

Tambour

TAMBOUR CLOCK—A graceful electric mantle clock. Case is mahogany finish. Silver dial, cubist numerals, skeleton hands and convex glass. Height, 9¼ inches. Width, 20 inches.

P6512 ..... Each 19.80

Warwick Electric

WARWICK ELECTRIC—The popular Banjo style with decorative panels, attractive side and top ornaments. Case is mahogany finish. Height, 28⅛ inches. Width 9⅛ inches.

P6508 ..... Each 19.80

110 Volt 60 Cycle Alternating Current required for operation of these clocks

Before purchasing an electric clock be sure that your local electric company is using the regulated current necessary for these clocks. The authorities in charge will gladly supply this information.

Gothic Electric

GOTHIC ELECTRIC—Arched mahogany finish case with convex crystal. Silvered dial. Height 7⅛ inches, width 5½ inches.

P6511 ..... Each 11 70

Larina Electric

LARINA—Octagonal case with 5¼-inch dial. Convex crystal. Comes in mahogany, yellow, blue, green and white. Specify color. Width 8¼ inches.

P6507 ..... Each 11 70

Gallery Electric

GALLERY ELECTRIC Octagonal shaped, mahogany case. Large sweep second hand. Size of case, 14½ inches.

P6506 ..... Each 19.80

ELECTRIC WALL CLOCK A practical efficient clock; meets the need of office, store, factory, or public institution. Walnut finish case, with easily readable black numerals on white dial. Full sweep second hand. Size, 16x15 inches. Diameter of dial, 12 inches.

C2992—Electric wall clock ..... Each 21.50

Square Electric

SQUARE ELECTRIC—Mahogany finish moulded case with white enamel dial. Rust-proof brass trim. Case has scroll decoration at top. Height 4¼ inches.

P6510 ..... Each 9.60

Whitney Electric

WHITNEY ELECTRIC—This model lends an atmosphere of the sea with its decorative scenes and top ornament. Case of walnut, ivy finish. Silvered dial. Height 30⅛ inches width 9⅛ inches.

P6509 ..... Each 30.00

Churchill Electric

CHURCHILL ELECTRIC CLOCK—A charming model, authentically styled in Gothic design. Case is moulded of genuine Bakelite. Practical and attractive. Finished in mahogany or walnut. Convex lens. Full sweep second hand. Cord and plug standard equipment. Silver-tone dial, 3½ inches diameter. Height, 7⅛ inches. Base 5½ inches. Specify color.

C2990—Electric Mantle Clock ..... Each 9.60

Pandora Electric

PANDORA ELECTRIC CLOCK—The bright enameled colors of this kitchen clock are in conformity with the trend toward beauty in the modern home. Attractively adorned with dainty floral decorations. Furnished in two convenient sizes, finished in ivory, blue and green. Specify color. Readily readable black figures on white dial. Full sweep second hand. Case, 9 inches square. Dial, 6 inches diameter.

C2991 Electric Clock ..... Each 12.00

Reliable Electric Clocks

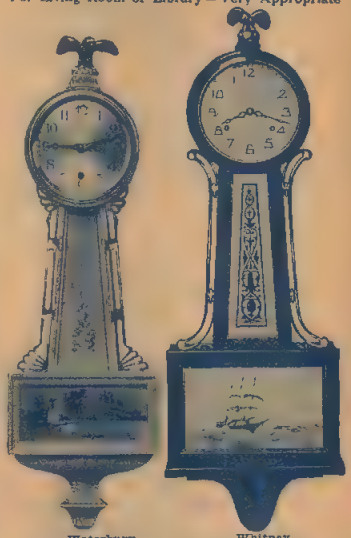
LINCOLN No. 80. ELECTRIC CLOCK. Boudoir size This is synchronistic and an absolutely reliable timekeeper run entirely by electric, self pendulated, never requires any winding or attention. Very attractive model. The case is made of pressed bakelight, in these highly polished in Mottled Mahogany color effect. Has extended base, notch oval top cord piece with cord and plug, ready to connect with light or wall socket. 60 cycle 110 volt A. C. Each 3.50

LINCOLN No. 60 TAMBOUR MODEL ELECTRIC CLOCK. Especially designed for mantel, has lines of rarity and simplicity. This also runs by electric motor, and requires no winding or attention. Cased in wood walnut finish 18 in long, 7 in high with 4 in **Silvertone** dial. Modern in every specification, and quoted at a specially low price 60 cycle 110 volt A. C. Each 7.60

No. 0100 CHURCHILL ELECTRIC CLOCK. A charming Gothic design case molded of genuine bakelite. Finished in mahogany and walnut. Has convex crystal lens. Silver tone dial 3½ in in diameter, full height, 7½ in. Operated by an electric Motor, is perfectly Synchro Matic. A. C. 110 volt 60 cycle. Complete with cord and plug T. h 4.10

BANJO CLOCKS

For Living Room or Library—Very Appropriate



Waterbury Whitney

WATERBURY BANJO CLOCK. Full 8 day time pendulum movement. It is a real copy of the original Waltham. Full length 22½ in with dial 7½ in wide in cream color with gold plated sunk and fancy hands. It is surmounted with a figure of the American eagle on brass finish at the top, with lacquered brass side ornaments and a scenic picture in color at the bottom. This can be had in mahogany finish with picture and front ornamented to match, also in green blue or ivory colors in crackle finish. Your choice of color. Each 7.40

No. 3637 "WHITNEY BANJO" CLOCK 43 in high, 10¾ in wide. Has a 6 in silvered dial. Fine Mahogany finished case or can be furnished in ivory color. The glass front is attractively ornamented to match. Has brass ornaments on each side with American Eagle on top. All in bright lacquer finish. The Banjo shape is always popular. 8 day half hour gong strike. Each 12.60

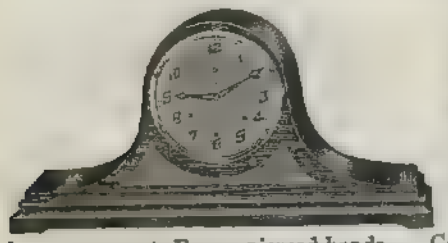
Special Tambour Mantel Clock

A Marvel Value at the Price

No. 1631 SPECIAL TAMBOUR CLOCK. Priced as a leader in the mantel clock line. Size of case over all, 8¾ inches high. Reliable 8 day lever movement, 3 inch silvered dial, convex glass, brass sash, winds and regulates from dial. Classic design mahogany finish case. Reliable time-keeper, notable in appearance and as a big value. Each 3.45

MANTEL CLOCKS

WATERBURY, WESTMINSTER CHIME



Brown Mahogany Case, Dull Rubbed Finish.

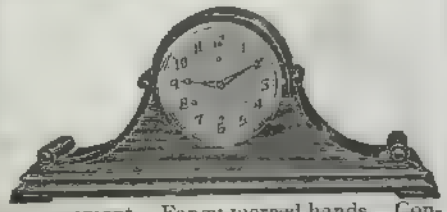
Eight-day; full Westminster quarter hour and hour strike on fine rich sounding mellow toned rods. High grade pendulum movement. Fancy pierced hands. Convex glass, 7 inch ribbed, silvered metal dial with full raised numerals. Cast gilt sash and bezel. Self adjusting strike movement.

Each

No. 401—Height 10¼ ins; width 21½ ins..... $90 00

One in wood box; wt each 25 lbs.

WATERBURY, WESTMINSTER CHIME



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Each

No. 338—Height 10⅝ ins; width 23¼ ins..... $112 50

One in wood box; wt each 30 lbs.

OFFICE CLOCKS

INGRAHAM REGULATOR E

Eight day time clock, oak finish case, glass front door; height 36 ins; 12 in. dial.

Each

No. 1RE—Without calendar..... $27 75

One in wood box; wt each 30 lbs.

INGRAHAM COMMERCIAL

Eight day clock; polished oak case, height 32 ins; 12 in. white dial.

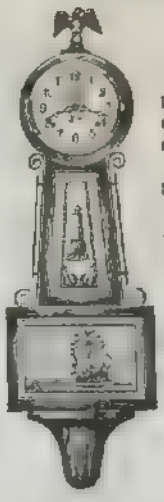
Without Calendar.

Each

No. B11—With strike..... $28 60

One in wood box; wt each 25 lbs.

BANJO HANGING CLOCKS



Eight day pendulum movements; solid mahogany case, polished finish; cast metal side ornaments and decorated glass panels; porcelain dial, beveled glass door.

Especially adapted for the library, den or for any room where reposeful ease is the object.

Each

No. BGS—Height 35½ ins; width 10 ins; diam of dial 6 ins..... $39 00

One in wood box; ship wt each 10 lbs.

Eight day time lever movements; mahogany finish case with inlay design; solid brass brackets; decorated glass panel; golden finish metal dial; convex glass door; polished brass sash.

Each

No. 14M—Height 22½ ins; width 7¼ ins; diam of dial 5 ins..... $25 50

One in carton; wt each 4½ lbs.

Eight day time lever movements; solid brass brackets; decorated glass panel; golden finish metal dial; convex glass door; polished brass sash.

Height 22½ inches; width 7¼ inches; diameter of dial 5 inches.

Each

No. 10I—Old ivory crackle finish case $25 50

No. 12G—Green lacquer crackle finish case..... 25 50

One in carton; wt each 4½ lbs.

KITCHEN CLOCKS

Eight day time lever movements; golden finish metal dial; convex glass door.

Diameter over all 8¾ inches; diameter dial 5 inches.

Each

No. 5KI—Old ivory crackle finish case..... $12 00

No. 5KG—Green lacquer crackle finish case..... 12 00

One in carton; wt each 2½ lbs.

MANTEL CLOCKS

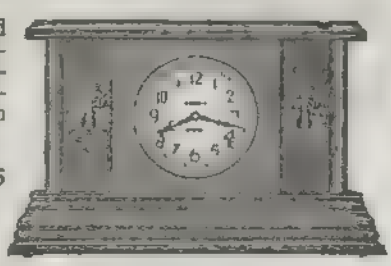
INGRAHAM

Eight-day movement; hour and half hour strike on cathedral gong; wood case, dull mahogany finish, wood columns, with dull brass base plain brass sash and mat. Each

No. 167 Height 10 ins; width 16 ins; 5 in dial . **$15 00**

One in wood box; wt each 15 lbs.

INGRAHAM—Mahogany Finish.

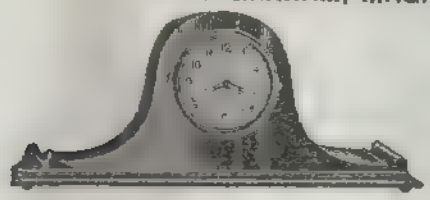


Eight-day; hour and half hour strike on cathedral gong; mahogany finished case; bronze trimmings. Each

No. 676—Height 10½ ins; width 16 ins; 5 in. dia—**$14 25**

One in wood box; wt each 15 lbs.

INGRAHAM, MAGNET



Mahogany Finish.

Eight-day; hour and half hour cathedral gong strike. Laminated bent wood tambour case, hand rubbed mahogany finish; circular finished silvered dial; convex shape glass. Each

No. 175—Length 22 ins; height 9¾ ins; 5 in dial **$21 00**

One in wood box; ship wt each 14 lbs.

SESSIONS, BELLAIR, Mahogany Finish.

Eight-day; hour and half hour cathedral gong strike. Genuine mahogany veneered case, hand rubbed finish; satin finish metal dial; convex shaped glass.

Each

No. 200—Length 21 ins; height 9¾ ins; 6 in dial **$22 50**

One in wood box; wt each 14 lbs.

SESSIONS, INLAY, Mahogany Finish.

Eight-day pendulum movements, hour and half hour strike on two chord rods. Hardwood imitation mahogany case with inlay design, hand rubbed lacquer finish; brass sash; silver finish dial; convex shaped glass.

Each

No. 225—Length 21½ ins; height 9¾ ins; 5 in. dial . . **$24 00**

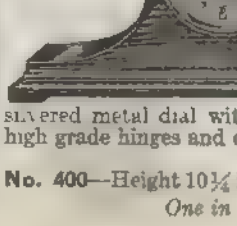
One in carton; wt each 13 lbs

SESSIONS, Secretary.

Eight-day time movement. Genuine two-tone mahogany case, rubbed finish. 4½ inch oval dial with wood inlaid effect in grained mahogany coloring. Roman numerals. Each

No. 500—Length 10¼ ins; height 8¼ ins **$24 00**

One in wood box; wt each 8½ lbs.



MANTEL CLOCKS

SESSIONS

Secretary.

Eight-day; time movement. Genuine two-tone, mahogany case, rubbed finish. 4½ inch oval dial with wood inlaid effect in grained mahogany coloring. Roman numerals.

Each

No. 550—Length 7¼ ins; height 10¼ ins **$25 00**

One in wood box; wt each 8 lbs.

CHIPPENDALE

Eight-day; pendulum movement; hour and half hour strike on cathedral gong. Dark brown mahogany case, hand rubbed finish; 5 inch old ivory colored art dials. Brass hinges and catch. Each

No. 651—Height 17¼ ins; width 10¼ ins **$34 50**

One in wood box; wt each 12 lbs.

COPLEY

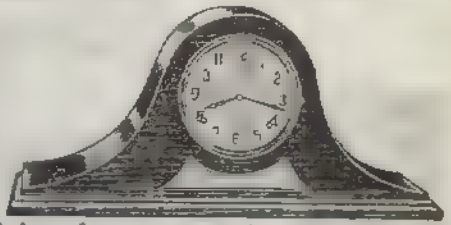
Eight-day; pendulum movement; hour and half hour strike on cathedral gong. Dark brown case, hand rubbed finish. 5 inch old ivory colored art dials. Brass hinges and catch. Each

No. 551—Height 15½ ins; width 9¾ ins **$31 50**

One in wood box; wt each 11 lbs.

GILBERT, NORMANDY CHIME, DOUBLE TONE

Brown Mahogany Case, Dull Rubbed Finish.



Eight day; pendulum movement. Strikes hour and half hour on Normandy (two tone) chimes. 5¾ inch circular silvered metal dial with ornamental numerals and hands. Equipped with Gilwin sash so constructed that should glass become broken it may be easily replaced by removing ring and without use of tools or solder. Height 9¾ inches; width 21 inches.

No.	2029
Each	$20 25
Lots of 3, Each	19 50
6 or more, Each	18 75

One in carton; wt each 10 lbs

WATERBURY, WESTMINSTER CHIME

Brown Mahogany Case, Dull Rubbed Finish.

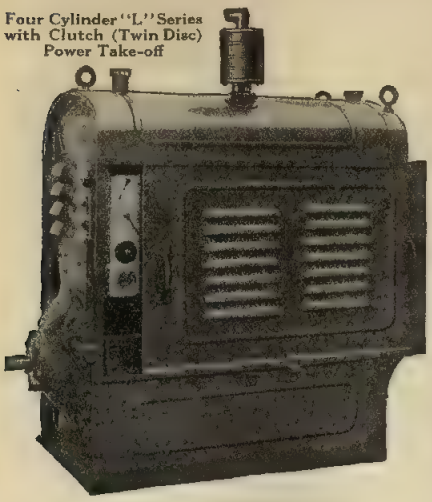
Eight-day; full Westminster quarter hour and hour strike on fine sweet toned rods. High grade pendulum movement. 7 inch silvered metal dial with raised numerals. Gilded sash with high grade hinges and catch.

Each

No. 400—Height 10¼ ins; width 21½ ins **$75 00**

One in wood box; wt each 25 lbs.

Waukesha Gasoline Engine Power Plant



Four Cylinder "L" Series with Clutch (Twin Disc) Power Take-off

Waukesha Industrial Engines are built in nine sizes, ranging from 25 horsepower to 90 horsepower, and are available in a great variety of combinations. Independent Power Units, both housed and open, are made for either outdoor or inside operation. Equipped with several types of power transmission to accommodate any kind of drive, there is no industrial application they will not suit.

With a range of nine sizes and a variety of drives and mountings, it is possible to select the most economical combination of engine or unit for any particular machine or job.

The rated horsepowers are, in general, separated by steps of ten horsepower each, but, owing to the superior performance of "Ricardo Head" Engines at light loads, great flexibility without sacrifice of fuel economy is possible.

Waukesha Features

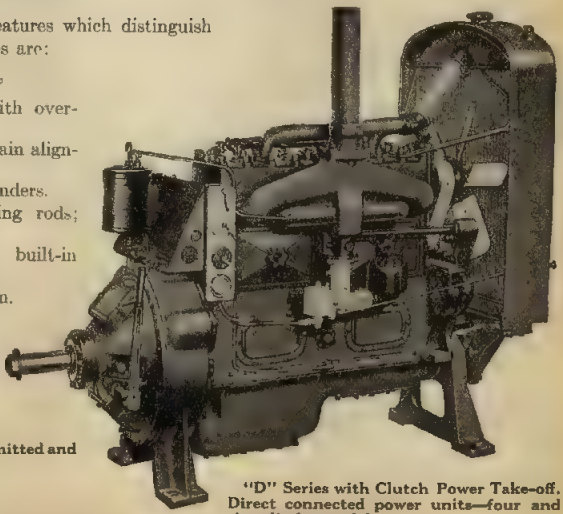
Outstanding among the features which distinguish Waukesha Industrial Engines are:

1—Genuine "Ricardo Head."
2—High-duty crankshaft with oversize center bearing.
3—Rigid crankcase to maintain alignments.
4—Long life nickel-iron cylinders.
5—Straight thrust connecting rods; not off-set.
6—Waukesha-designed and built-in governor.
7—Full-pressure oiling system.

Special Accessories

For operating on kerosene, fuel oil, distillates or on artificial or natural gas, etc. Can be furnished at additional cost.

Complete Specifications Submitted and Prices Quoted on Request



"D" Series with Clutch Power Take-off. Direct connected power units—four and six cylinder models.

CHAIN HOIST TRESTLES

E

Manley—Auto Service Work

The Manley Chain Hoist Trestle can be moved right to the job. This is superior to an overhead trolley, because it is sometimes quite difficult to get the job to the trolley.

The frame of the Manley Hoist is made from steel angles, thoroughly braced and trussed.

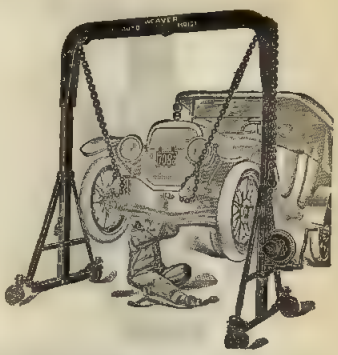
The legs are mounted on swiveling wheels so the Hoist can readily be moved with or without a load. The angles at the base of the legs tie the legs in position and prevent spreading.

The hook for the Chain Hoist is arranged so it can be moved back and forth across the top. Permitting the locating of the Hoist so a vertical pull is always obtained.

The Manley Chain Hoist Trestle has a clearance between the uprights of 7 ft. 6 in., and is 9 feet high, giving ample room for placing the Hoist over a car to take out the motor or to lift one end of the car, for removing axles, working under the chassis, changing springs, removing bodies, etc.

Not Complete with Chain Block

NO.	Capacity	Height	lb Ea.	EACH
86	4000 lb	9 ft.	313	$75.00



Weaver—Auto Hoists

Showing Double Suspension

This hoist can be operated in cramped quarters. It is easily run into position. Requires only 12 or 14 inches space on either side of car. Frame is designed to permit height of arch to be raised approximately 12 inches, enabling the hoist to raise the rear end of a limousine or touring car with the top up.

Single Suspension

One chain of hoist may be carried over pulley in center of frame for performing work which can be handled to better advantage by single suspension. The hoisting mechanism is operated by worm drive, which is absolutely safe and positive. There are no gears nor ratchets to slip or break and allow the load to fall. Hoist is carried upon four ball and roller bearing casters, 5 inches in diameter. Construction throughout is of steel.

NO.	Height	Shipping Wgt.	EACH
WG10	8 ft. 9 in.	500 lb	$200.00

SLING CHAINS

Length each branch over all, 5½ ft.

For medium weight cars, made of ⅝ inch proof tested welded chain with ring and grab hooks as above. Length each branch, 9½ ft.

NO.	Safe Load	Wt. Each	EACH
2810	750	8¾	$3.50

For light and medium weight cars made of ½-in. proof tested welded coil chain with ring on one end and grab hook on each free end.

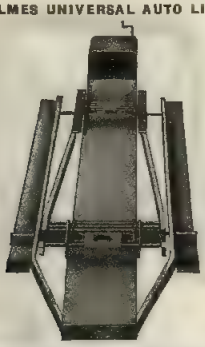
NO.	Safe Load	Wt. Each	EACH
2811	1300	21	$5.00

For heavy weight cars, made of ⅝ inch proof tested welded chain as above. Length of each branch, 10 ft.

NO.	Safe Load	Wt. Each	EACH
2812	2000	34	$7.50

E AUTO LIFTS

HOLMES UNIVERSAL AUTO LIFT



It is shipped completely assembled with only the guide rails detached. Can be installed and put in operation in 30 minutes or it can be moved from one location to another in approximately the same time. No pits to dig, no concrete work, no air connections, and no assembly of posts, bearings or pulleys. All that is necessary is to attach guide rails, connect the motor.

The Holmes has a maximum height of 4 feet 10 inches and can be raised or lowered instantly to any height for ideal working conditions. The height of lift when down is only 7 inches. Cars are driven over it instead of on it. The lifting cradle is of sufficient length to receive all passenger cars and light trucks. Cars do not have to be balanced, centered or blocked. The lift is absolutely rigid in all positions, and as there are no obstructing pits or posts, two or more men can perform several operations on the car at the same time.

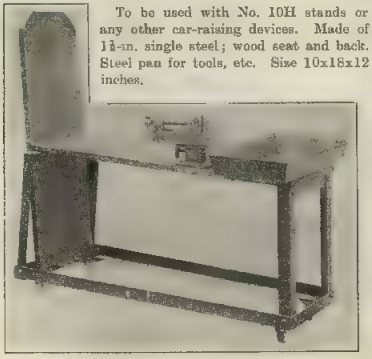
Cars are raised by front and rear axles, leaving all wheels free. Steering gear and wheels being accessible for lubrication, adjustments or repairs, or for relining and adjusting brakes.

It is operated entirely by its own self-contained electric motor. Equipped with positive safety stops for both up and down positions. Entire mechanism is completely covered and protected from dirt. The unit occupies a minimum floor space and may be operated on any floor either indoors or out.

The gear end of the screw terminates in an oil-tight gear housing and is fitted with self-alignment ball bearings. All gears are completely enclosed and run in a bath of oil.

Capacity, 6,000 lbs. Lifting time, 1 min. 40 sec. Over-all width, including stop blocks, 5 ft. 4 in. Over-all length, 21 ft. 10 in. Height of motor box, 19 in.

NO.	Phase	Cycle	Volt	Lbs. Ea.	EACH
575	3	60	220	2200	$1000.00

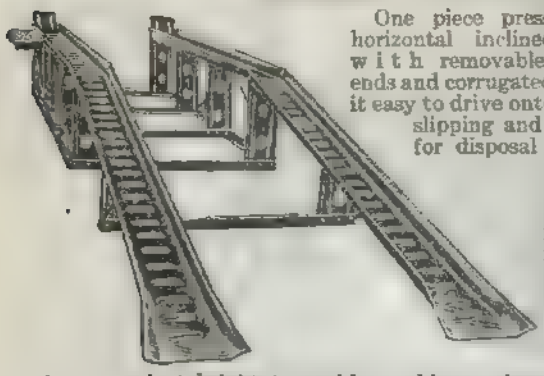


To be used with No. 10H stands or any other car-raising devices. Made of 1¼-in. single steel; wood seat and back. Steel pan for tools, etc. Size 10x18x12 inches.

NO.	lb Each	EACH
510H	38	$8.00

SERVICE RACKS

WEAVER



One piece pressed steel horizontal inclined treads with removable bumper ends and corrugated to make it easy to drive onto without slipping and openings for disposal of water and dirt. Pressed steel frame rigidly braced and riveted to cross members. Elevates car to convenient height to enable working underneath in a comfortable position unobstructed by braces or frame work. Pressed steel running boards on each side for use when filling crank case or working on engine. Easily assembled or moved, does not require foundation, nor be bolted down.

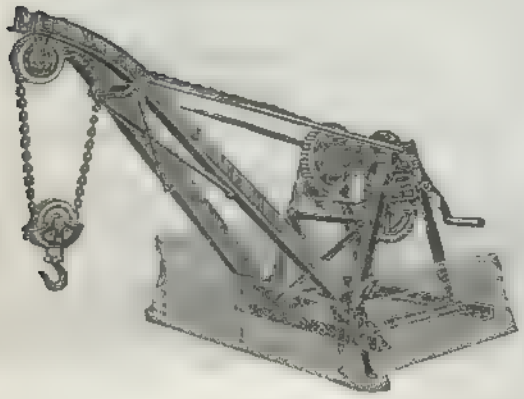
Each

No. A-WL14—Length treads 14 ft; incline 12 ft; height rack 26 ins..... ✚$321 00

K. D.; shipping wt each 987 lbs.

AUTO CRANES

WEAVER MODEL W G



Angle steel frame and crane, substantially braced and trussed for a 2½ ton lifting capacity. Height of boom quickly adjusted to five different heights by inserting the support rods in the various openings. Compound drive gives two distinct leverages, one for a speedy adjustment of chains the other for maximum power in elevating the wreck.

When the upper power shaft is used, one pound pressure on crank will develop 70 pound lift on snatch block hook. Swivel wheel at end of boom permits a direct pull from the side without the chain binding roller bearing, drum sufficient in size to permit the use of cable or chain.

When disabled car is situated some distance from road where a straight pull is necessary, the drum of crane can be used as a winch. Drum will accommodate 100 feet of chain or 200 feet of cable. Furnished complete with 35 feet of ⅜ inch B chain. Base 36x29½ inches.

Each

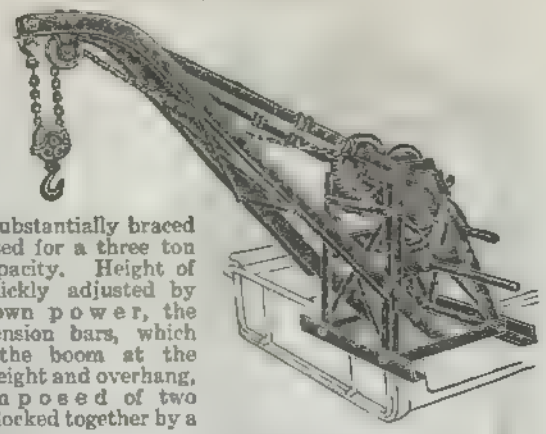
No. A-WG12—Complete as described..... ✚$280 50

Crated; wt each 400 lbs.

✚F. O. B. Illinois Factory Only.

AUTO CRANES

WEAVER, MODEL G



Steel, substantially braced and trussed for a three ton lifting capacity. Height of boom quickly adjusted by crane's own power, the spring tension bars, which support the boom at the desired height and overhang, are composed of two sections, locked together by a spring plunger.

The compound gears afford two distinct speeds and leverages and permits the crane to be operated conveniently from the ground or service car. The extreme leverage ratio of 114 to 1 enables the heaviest load to be lifted with ease. Drum mounted on roller bearings. Shaft is supported by two self-aligning bearings that prevent binding under severe side strain. Furnished complete with 35 feet of ⅜ inch chain amply strong to handle loads up to 6,000 lbs.

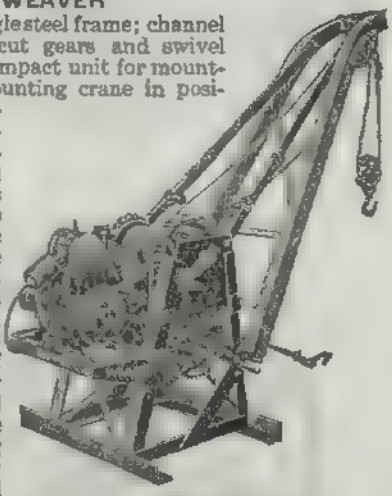
Each

No. A-WG—31 Complete as described above..... $348 00

Crated; wt each 499 lbs.

POWER WRECKING CRANES

WEAVER



Electrically welded angle steel frame; channel steel crane, accurately cut gears and swivel head. Self contained, compact unit for mounting on service car by mounting crane in position and connecting starter motor on crane to service car battery. Operated by air cooled motor that furnishes continuous power. Two large drums each capable of holding 300 feet of cable and operate singly or both at the same time by means of two gear shift levers on side of crane greatly facilitating the handling of difficult wrecks. Either or both drums can be used to get car on road, the upper drum for raising car to tow in. Easily operated upper and lower drums operated by means of gear shift levers and clutch. Load lowered by brake. Height of boom easily adjusted. Complete with 200 feet of 7/16 inch flexible steel cable 50 feet on upper drum and 150 feet on lower drum.

Each

No. A-WG15—Capacity 3½ tons; base 36x29½ ins.. ✚$1287 00

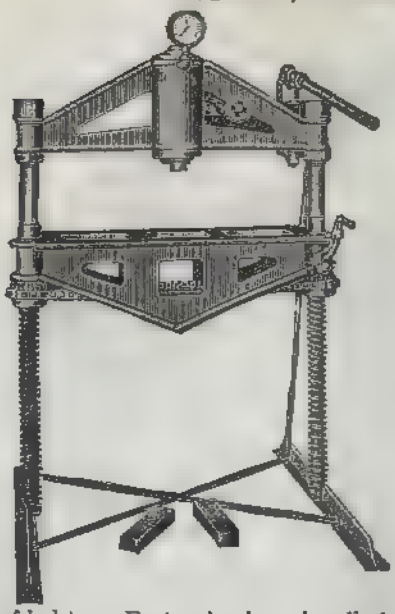
Crated; wt each 819 lbs.

✚F. O. B. Illinois Factory Only.

If you are interested in a line of quality tires and tubes at reasonable prices on which you can build a lasting business, put your efforts on the line of Flying Ebony Tires and Tubes.

PRESSES

WEAVER, HYDRAULIC



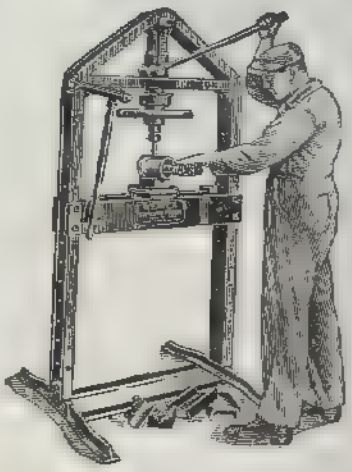
T steel base securely braced. Threaded cold rolled steel uprights on which hand operated bolster works to accommodate small and large jobs. Adjustable bolster and unobstructed space inside of frame makes it possible to handle bulky work. The work is raised quickly to ram by means of a hand crank and screw mechanism. Extreme adjustment between bolster and ram 51 inches. Bolster has oblong opening in center to allow work to pass through pocket on each side for extra parts, etc.

The large screws are accurately cut to insure easy adjustment of bolster. By turning lever handle four adjustments in leverage and length of stroke are quickly made. Extreme pressure developed quick and easy by a few strokes of lever, and easily released by release valve, drawing ram to its highest position by a heavy return spring inside of cylinder. Ram is provided with 2½ inch hardened steel thrust block and packed with leather packing, which can be expanded by turning plunger. Undercut near lower end of plunger prevents any leakage past the packing from running down on ram or work, draining it into drip ring. Oil in ring is drawn back into pump reservoir when pump is operated.

Each

No. A-WD47—Capacity 50 tons; height 36 ins..... ✚$972 00
Crated; wt each 550 lbs.

WEAVER, HI-SPEED



Steel frame; top reinforced by rigid brace. Quick release construction. Adjustable bolster can be set in any position on frame so work is always in direct contact with press screw. Rack and pinion handles for use on speed work not requiring pressure over 2,000 lbs.

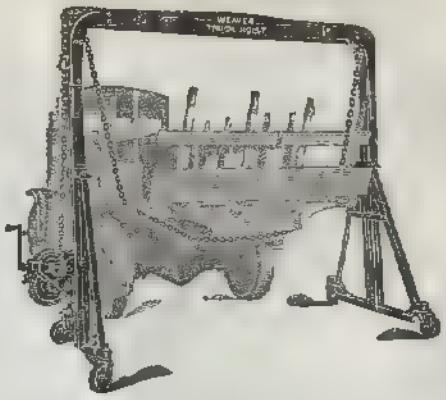
Three different leverages 1300 to 1, 2000 to 1 and 4000 to 1. Complete with face plate, two pressure blocks, two vice blocks and two sections of 6 inch channel steel. Capacity 28 tons.

Each

No. A-WD12—Hgt. 72 ins; width 32 ins; wt 450 lbs.. ✚$330 00
No. A-WD13—Hgt. 72 ins; width 42 ins; wt 510 lbs. ✚ 375 00
Crated.

✚F. O. B. Illinois Factory Only.

HOISTS



WEAVER'S

Heavy channel steel, with arch reinforced on sides by heavy steel plates.

Hoisting mechanism is of worm drive type which supplies an enormous leverage for raising load, and makes it impossible for load to be accidently released. No ratchets or dogs to break or slip. Load is held securely elevated in any desired position.

Has a compound leverage giving a lifting leverage of 400 to 1. An auxiliary lever operated directly onto the drum enables the chain to be adjusted to the load very rapidly.

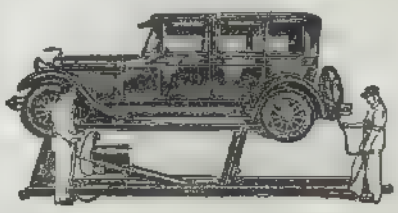
Each

No. A-WG11—Lifting capacity 6000 lbs for double suspension and 4000 lbs for single suspension; width between frame 8 ft 4 ins; minimum height, 8 ft 4 ins; maximum height 10 ft..... ✚$645 00
Ship wt 900 lbs.

DRIVE OVER LIFTS

WEAVER

Lifts Car By Front Axle and Differential.



Combination channel and I beam steel construction throughout. An equipment for raising cars quickly, easily and safely to the most convenient height for complete lubrication, washing and under chassis repairs.

Permits driving straight ahead off of lift after car has been serviced. Frame supporting car raised and lowered hydraulically by piston operating under oil pressure driven by motor. Handles various types of cars. Can be stopped at any desired height, always level. Can be placed inside or outside service station. Power automatically cuts off when lift raises to full height. Side plates are depressed to receive wheels and locate differential over grating. Complete with motor, necessary bolts, nuts and diagram for installing.

110 Volt, 60 Cycle, Single Phase 1 H. P. Motor, Operates On A. C. or D. C.

Each

No. A-WL13—Recommended lifting capacity 6000 lbs; length 18½ ft; width 64 ins; minimum height 7 ins; over all lifting height from 44 ins to 84 ins ... ✚$1683 00
Crated; wt each 1688 lbs.

✚F. O. B. Illinois Factory Only.

WEDGES

WOOD CHOPPERS'

Solid Steel; Dead Black Finish.

Used for wood splitting purposes.

NO. 990 OREGON PATTERN

Size, lbs.	4	5	6	7	8
Each	$1 10	1 15	1 30	1 55	1 75

Dimensions.

6 Lb. Length, 9⅛ in.; head, 1¾ in.; bit, 4 in.

8 Lb. Length, 9⅝ in.; head, 2 in.; bit, 4¼ in.

TRUCKEE PATTERN

Solid Steel; Dead Black Finish.

The groove is intended to make the wedge enter wood straight and to keep from binding. Being narrow, they are suitable for hard woods.

Size, lbs.	4	5	6	7	8
Each	$0 75	85	1 00	1 10	1 25

Dimensions.

6 Lb. Length, 11⅛ in.; head, 1½ in.; bit, 1⅞ in.

8 Lb. Length, 11¾ in.; head, 1⅝ in.; bit, 2¼ in.

FALLING

Solid Steel; Dead Black Finish.

Used to follow in after the saw when falling large trees, both to tip the tree and prevent saw binding.

NO. 1010A NORTHWESTERN PATTERN

Size, lbs.	5	6	7	8
Each	$1 25	1 40	1 70	1 95

Dimensions.

6 Lb. Length, 9⅝ in.; head, 2⅞x1 in.; bit, 5¼ in.

8 Lb. Length, 11 in.; head, 3⅛x1⅛ in.; bit, 5¾ in

WEDGES

WOOD CHOPPERS'

Solid Steel; Dead Black Finish.

Used for wood splitting purposes.

NO. 1000A CEDAR PATTERN; SQUARE HEAD

Size, lbs.	5	6	7	8
Each	$1 25	1 35	1 60	1 80

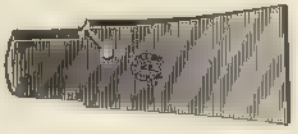
Dimensions.

6 Lb. Length, 9 in.; head, 1⅞ in.; bit, 3¾ in.

8 Lb. Length, 10 in.; head, 2 in.; bit, 4 in.

SAW

Solid Steel; Dead Black Finish.



Used to follow in after the saw when sawing logs to prevent saw binding.

NO. 1020C IMPROVED

Size, lbs.	1½	2	2½
Each	$0 55	65	75

Dimensions.

1½ Lb. Length, 7¼ in.; head, 1⅜x ½ in.; bit, 2⅞ in.

2½ Lb. Length, 9¼ in.; head, 1⅜x ½ in.; bit, 3⅜ in.

BUCKING

Solid Steel; Dead Black Finish.

Shorter and broader than falling pattern. Used mainly when sawing logs to length.

NO. 1010C TOWNSEND PATTERN

Size, lbs.	6	7	8
Each	$1 40	1 70	1 95

Dimensions.

8 Lb. Length, 11 in.; head, 2½x1¼ in.; bit, 6 in.

WEDGES

HARMON

Used to follow the splitting wedge, also for general wood splitting purposes.

Malleable Iron Wedge.

Harmon. Hardwood head; wrought iron ring. Light and strong. Wt. each, about 5 lbs. ..... Dozen **$15 00**

Extra Heads; Hardwood.

Wt. each, 1¼ lbs. ..... Dozen **$3 00**

Extra Rings; Wrought Iron.

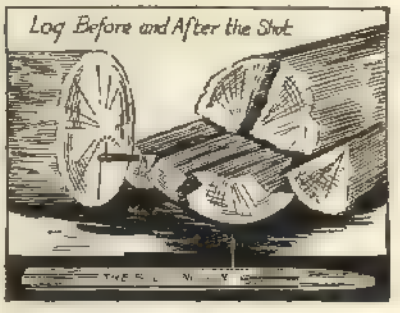
Wt. each, ¾ lb. ..... Dozen **$2 50**

Dimensions.

Length, overall, 16 inches; bit, 4⅛ inches; head, 2¾ inches.

SPLITTING GUN

WEBBER



Unexcelled for splitting logs, either large or small. Uses 3F or 4F Black Powder only.

No. 100. Wt. each 9½ lbs. Size 1⅝x18½ inches ..... Each **$3 50**

No. 200. Wt. each 16½ lbs. Size 2⅛x16½ inches ..... Each **$6 75**

RAILROAD TRACK CHISELS

Used chiefly by track layers for cutting steel rails, etc.

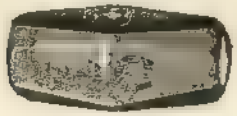
Solid Steel.

No. 280. Width of bit, 1¼ inches. Wt. ea. 5¼ lbs. ..... Each **$2 50**

HAMMERS

STRIKING OR DRILLING

Solid Steel; Dead Black Finish; Polished Faces.



Also Known as Double Faced Sledges.

The smaller sizes are frequently used as hand drilling hammers and are known to contractors as Single Jacks, while the larger sizes are often called Double Jacks. Used by blacksmiths, railroads, quarrymen, contractors, wood camps, etc., for all striking purposes.

NO. 760 SHORT OREGON PATTERN

Size, lbs.	4	6	7
Each	$1 15	1 40	1 55
Size, lbs.	8	10	12
Each	$1 65	2 00	2 25

Dimensions.

4 Lb. Length, 4⅞ in.; faces 1⅝ in.
8 Lb. Length, 6¼ in.; faces 2 in.
12 Lb. Length, 6¾ in.; faces 2⅜ in.

NO. 750 LONG NEVADA PATTERN

Size, lbs.	3	4	5	6	7
Each	$1 05	1 15	1 30	1 40	1 55
Size, lbs.	8	10	12	14	16
Each	$1 65	2 00	2 25	2 65	3 00

Dimensions.

4 Lb. Length, 6⅛ in.; faces 1½ in.
8 Lb. Length, 7⅜ in.; faces 1⅞ in.
16 Lb. Length, 8½ in.; faces 2⅜ in.

SPAULING OR STONE

Solid Steel; Dead Black Finish; Polished Faces.

Used by stone cutters, masons, etc., for breaking and shaping stone.

NO. 710 SINGLE FACE

Size, lbs.	3	4	5	6	8
Each	$1 10	1 35	1 50	1 60	2 20

Dimensions.

8 Lb. Length, 8 in.; face, 2½x1½ in.; width of bit, 2⅛ in.

HAMMERS

SPAULDING OR STONE

Solid Steel; Dead Black Finish; Polished Faces.

NO. 720 DOUBLE FACE

Size, lbs.	8	10	12	14	16
Each	$2 20	2 70	3 30	3 75	4 25

Dimensions.

8 Lb. Length, 8 in.; faces, 2⅛x1¼ in.
16 Lb. Length 9½ in.; faces 2¾x1¾ in.

SLEDGES

BLACKSMITH

Solid Steel; Dead Black Finish; Polished Faces.

Used by blacksmiths, machine shops, etc., for general forging.

NO. 830 CROSS PEIN

Size, lbs.	8	10	12	14	16
Each	$1 90	2 20	2 65	3 20	3 50

Dimensions.

8 Lb. Length, 7 in.; faces, 2½ in.; pein, 2¼ in.
14 Lb. Length, 8⅛ in.; face, 2¾ in.; pein, 2¾ in

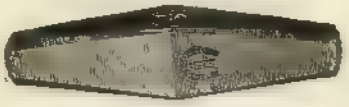
NO. 840 STRAIGHT PEIN

Size, lbs.	8	10	12	14
Each	$1 90	2 20	2 65	3 20

MAULS

RAILROAD TRACK

Solid Steel; Dead Black Finish; Polished Faces.



Used for driving rail spikes.

NO. 920.

Size, lbs.	8	10
Each	$1 75	2 00

Dimensions.

8 Lb. Length, 10½ in.; small face, 1⅛ in.; large face, 1½ in.

MAULS

SHIP OR TOP

Used for driving nails and spikes. The top, or small end, used for sinking nails or spikes below the surface.

NO. 930.

Size, lbs.	5	6
Each	$1 95	2 25

Dimensions.

5 Lb. Length, 8¾ in.; small face, 7/16 in.; large face, 1⅞ in.
6 Lb. Length, 9 in.; small face, ½ in.; large face, 2⅛ in.

WOOD CHOPPERS'

Solid Steel; Dead Black Finish; Polished Faces.

Used by wood choppers for driving wedges, cutting cross sections and making opening to start wood glut or wedge.

NO. 960 OREGON PATTERN; ROUND EYE

Size, lbs.	6	7	8	9	10
Each	$1 65	1 90	2 05	2 40	2 50

Dimensions.

6 Lb. Length, 8⅛ in.; head, 1⅞ in.; bit, 4 in.
8 Lb. Length, 8¾ in.; head, 2⅛ in.; bit, 4¼ in.
10 Lb. Length, 9½ in.; head, 2¼ in.; bit, 4½ in.

NO. 960A OREGON PATTERN; AXE EYE

Size, lbs.	6	7	8	9	10
Each	$1 65	1 90	2 05	2 40	2 50

Dimensions.

6 Lb. Length, 8⅛ in.; head, 1⅞ in.; bit, 4 in.
8 Lb. Length, 8¾ in.; head, 2⅛ in.; bit, 4¼ in.
10 Lb. Length, 9½ in.; head, 2¼ in.; bit, 4½ in.

TOY STEAM ENGINES

UPRIGHT

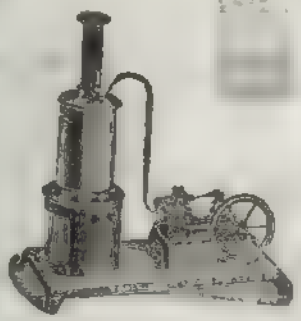
Blued steel boiler with iron fire box, metal base, attractively finished in red and gold; nickel plated balance wheel, glass water gauge with brass cocks, safety valve and brass whistle, alcohol lamp. Complete with instructions for operating.

Per Doz

No. 144—Height 11¾ ins; diam base 4½ ins; diam balance wheel 2½ ins. **$36 00**

One in carton; wt per doz 15 lbs.

HORIZONTAL



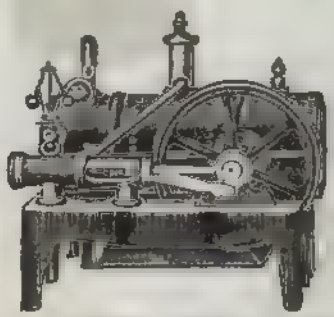
Polished brass boiler with iron fire box, steel base, attractively finished in gray and rich vermilion. Rotating governors; brass whistle. Alcohol lamp. The balance wheel has nickel plated turned finished face and the shaft carries a small pulley to which a belt can be attached to run small toys. Complete with instructions for operating.

Per Doz

No. 123—Height 10½ ins; length 8 ins; width 4 ins; diam balance wheel 2½ ins. **$53 40**

One in carton; wt per doz 24 lbs.

HORIZONTAL



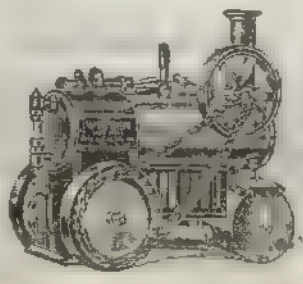
Brass boiler, highly polished, trimmed with steam dome, brass whistle, safety valve and water glass with brass cocks and is connected to steam chest on cylinder by a polished brass pipe, iron frame. The cylinder, steam chest and slide rest are cast in one piece. The slide valve, eccentric and connecting rod are all cut from heavy sheet brass and are fastened securely together. Balance wheel made of iron, polished nickel face; cylinder has polished nickel jacket. Alcohol lamp. Complete with instructions for operating.

Per Doz

No. 14—Height 6¼ ins; length 6 ins, width 5¾ ins; diam balance wheel 3 ins. **$129 00**

One in carton; wt per doz 60 lbs.

STEAM ROLLERS



Polished brass roller; iron and steel frame, red and black enameled finish, nickel plated trimmings. Water glass fitted with turned brass connections and nuts; brass chain drive; oscillating type cylinder.

Full directions all included in each box.

Per Doz

No. 646—Length 7½ ins; width 3¾ ins; height 6⅛ ins. **$156 00**

One in cardboard box; wt per doz 24 lbs.

TOY STEAM ENGINES

WEEDEN

STEAM ENGINES

Cast iron base and engine frame, red enameled; large highly polished blued brass boiler, brass whistle and safety valve.

The inlet of steam to cylinder is controlled by a brass nickel plated throttle valve with wood handle. Cylinder, steam chest and slide rest are cast in one piece; slide valve, eccentric and connecting rod are cut from heavy brass and are fastened securely together.

Balance wheels are made of iron with polished nickel faces and jacket on cylinder.

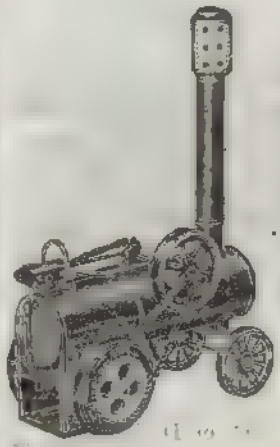
Full directions for operating are included in each box.

Per Doz

No. 49—Size base 10x7 ins; height 11⅜ ins **$189 00**

One in carton; wt per doz 90 lbs.

STEAM TRACTORS



Brass boiler, black nickel finish; slide valve cylinder exhausts through smoke stack. The water glass is finely fitted with brass connections and the other engine fittings are a brass safety valve and seamless brass steam pipe. The eccentric is so constructed that the engine will run either forward or backward. Balance wheel made of iron, polished nickel face. Alcohol lamp. Complete with instructions for operating.

Per Doz

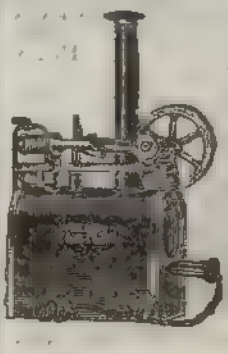
No. 643—Height 11½ ins; length 8½ ins; width 4 ins; diam balance wheel 2½ ins **$210 00**

One in carton; wt per doz 48 lbs.

ELECTRIC TOY STEAM ENGINES

WEEDEN

REVERSIBLE, ELECTRIC HEATED STEAM ENGINES



Cast iron frame; large brass boiler with electric heating unit firmly attached, boiler enclosed in blued steel jacket to prevent loss of heat by radiation, trimmed with safety valve brass whistle, brass throttle valve and water glass with brass cocks, all elbows, unions, pipes and valves are of polished nickel. Iron balance wheel with polished nickel face. Complete with 6 feet of cord with separable attachment plug and instructions for operating.

Each

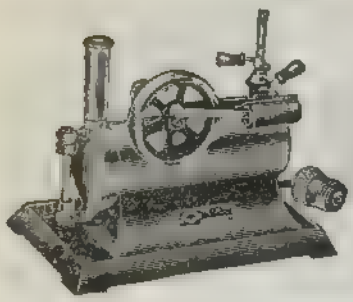
No. 649—Operates on 110 volts, A. C. or D. C., 3.7 amperes; height over all 15¼ ins; length 8 ins; width 4½ ins, diam balance wheel 4⅜ ins **$30 00**

One in carton; wt each 8 lbs.

ELECTRIC TOY STEAM ENGINES

EMPIRE

ELECTRIC, Horizontal Type.



A practical power plant for driving mechanical toys. Heavy cast iron base, red enameled; seamless drawn copper boiler with electrical heating element that creates steam and operates same as a regular steam engine, fitted with throttle, whistle, safety valve and water gauge; strong brass running parts and steel connections all accurately machined and highly nickel plated. Complete with 6 feet of cord with separable attachment plug and instructions for operating.

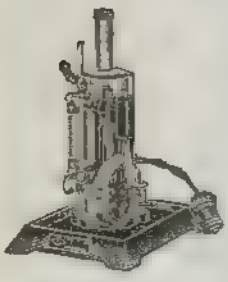
Each

No. M30—Operates on 110 volts, A. C. or D. C., 300 watts; size 9¼x5¾x7½ ins.....$25 50

One in carton; wt each 6¾ lbs.

EMPIRE

ELECTRIC, Vertical Type.



A miniature model of the high powered vertical steam engine.

Heavy cast iron base, red enameled; seamless drawn copper boiler with electrical heating element that creates steam and operates same as a regular steam engine, fitted with throttle, whistle, safety valve and water gauge; strong brass running parts and steel connections all accurately machined and highly nickel plated. Complete with 6 feet of cord with separable attachment plug and instructions for operating.

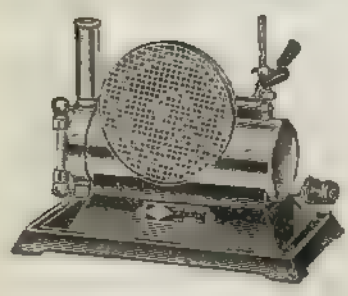
Each

No. M31—Operates on 110 volts, A. C. or D. C., 350 watts; size 7x6x10 ins.....$25 50

One in carton; wt each 5¾ lbs.

EMPIRE

ELECTRIC, Turbine Type.



A miniature duplicate of the large single phase steam turbines, the latest development in steam power plants. Heavy cast iron base; red enameled; seamless drawn copper boiler with electrical heating element that creates steam and operates same as a regular steam engine, fitted with throttle, whistle, safety valve and water gauge; strong brass running parts and steel connections all accurately machined and highly nickel plated. Complete with 6 feet of cord with separable attachment plug and instructions for operating.

Each

No. M35—Operates on 110 volts, A. C. or D. C., 400 watts; size 9¼x5¾x7¼ ins.....$21 00

One in carton; wt each 6½ lbs.

TINKER TOYS

BUILDER

Each set contains 73 wood parts composed of round sticks and spools with holes around the edge and one hole in the center. A book of simple instructions also comes with each set, enabling even the younger children to develop remarkable models easily.

Each set put up in a strong, laminated mailing tube.

Per Doz

No. 75—Size tube 3x12 ins.....19 50 $9 00

One doz in carton; wt per doz 1¼ lbs.

DOUBLE TINKERS

Each set contains 156 wood parts, composed of round sticks and spools with holes around edge and in center. Cardboard wind blades are furnished for building aeroplane, windmills, etc.

A book of instructions showing 42 completed models is contained in each set.

Each set put up in a strong, laminated mailing tube.

Per Doz

No. 175—Size tube 4x12 ins.....39 00 $18 00

One doz in carton; wt per doz 28¼ lbs.

TINKER BEADS

In Screw Top Glass Jars.

Hardwood; assorted sizes and colors; complete with polished cord and safety needle for stringing.

Per Doz

No. 135—Jar contains 28 beads, making string 22 ins long.....6 45

One doz jars in carton; wt per doz 7 lbs. $3 00

TINKER JUMP ROPE

Genuine interwoven sash cord on which are strung 21, one inch oval beads, stained and polished, each separately pinned through rope. Hardwood polished hand grips.

Per Doz

No. 200—Length over all 6½ ft.....12 75 $6 00

One doz in carton; wt per doz 3½ lbs.

An Additional Showing of Excellent Models in Banjo-Ukuleles, Cases and Bags

These instruments instill merriment in all outdoor activities. A crowd without one has no life, no joy, no contentment. Easy to learn and easy to play. And the music an accomplished musician can render, will enchrall you—hold you virtually spellbound. These articles are accurately built, expertly finished and priced very low. Ideal as Holiday or Anniversary Gifts.

No. 7F15
A FINE LOW-PRICED BANJO-UKULELE
A real bargain. Finished in deep maroon, olive green or natural white. Perfect workmanship. 10-nickel brackets. White celluloid head. Pearoid pegs. Veneered 7-inch shell. Rosewood fingerboard. Length of instrument, 26 inches. Specify Color wanted.
No. 7F15 Each $11.50

SAME INSTRUMENT IN HIGHER GRADE
Practically the same instrument as No. 7F15. Has a brass 7-inch wood shell genuine calfskin head, 10 nickel plated brackets and heavy nickel top hoop. Equipped with a nine curved resonator beautifully celluloid with "Pearl" holes. Very attractive instrument correctly adjusted in either Maroon, Olive Green or Natural White.
No. 7F16 (Specify Color wanted)
Each $13.50

"LE DOMINO" BANJO-UKULELE
This is the most attractive Banjo-Ukulele ever designed. The tone is an outstanding feature. Has 7-inch Wood Shell Artistic Wood Resonator. Finished in a rich Black throughout. To use seeking a high grade instrument, which possesses an unusual rich tone and high-class appearance, should consider this attractive number. It is priced reasonably low in this selling. Would make a most pleasing gift for any occasion.
No. 7F575 Each $20.70

BANJO-UKULELE NO. 7F44
An outstanding value in Banjo Ukulele. Charming in style and finish. Possesses a fine tone and will give the utmost of service and satisfaction. It makes an ideal Christmas, Birthday or Graduation gift. Specifications:—7-inch shell, made of genuine Mahogany fitted with genuine mahogany neck and fine overlapping resonator. 12 nickel-plated flat top professional brackets. Fine nickel plated flange. Black edge of resonator and bars of head bound with white celluloid. Correctly fitted bush fingerboard, high-grade non-slip patent pegs. Fine white calfskin head. One of the new and very popular styles.
No. 7F44 Each $16.70

"Utility" Case

CASES FOR BANJO-UKULELE

No. 7F5 Canvas covered straight-board body bound with black leather cloth, flannel lined, end opening, for 7-in. instrument. Each $2.70

No. 7F5½ Same as No. 7F5, but for 8-in. instrument. Each $2.80

No. 7F5¾ Same as No. 7F5, but large enough to accommodate 8-in. instrument with overlapping resonator. Each $3.10

No. 7F105 Heavy case made of stiff chip board covered with black leather cloth, flannel lining, nickel plated catches, strong handle. Opens like a violin case for 7-in. instrument. Each $4.10

No. 7F105½ Same as No. 7F105, but to fit 8-in. instrument. Each $6.30

No. 7F105¾ Same as No. 7F105, but to fit 8-in. instrument with overlapping resonator. Each $6.60

BAGS FOR BANJO-UKULELE

No. 7F6 Waterproof Mackintosh Bag; flannel lined, for 7-in. instrument. Each $1.35

No. 7F6½ Same as No. 7F4, but for 8-in. instrument. Each $1.50

No. 7F3 Good grade Green Felt Bag for 7-in. instrument. Each $1.30

No. 7F2 Fine grade Corduroy Bag for 7-in. instrument. Each $2.00

METAL SHELL BANJO-UKULELES
These metal shell Banjo Ukuleles have overcome all doubt as to their reliability, appearance and snappy tone. Excellent workmanship assured at these interesting low prices. Choice of two Qualities.

7-in. metal shell with heavy top band and 12 brackets. Highly nickel plated. Dark finished neck with patent keys. Selected calfskin head. Very snappy tone.
No. 7F35 Each $12.35

7-in. metal shell with heavy top band and 12 chatterless brackets. Fine overlapping cone resonator. All metal parts highly nickel plated. Dark finished neck with patent pegs. Fine calfskin head.
No. 7F47 Each $16.70

"LA VENICIA" BANJO-UKULELES
Choice of Two Qualities.
8-inch shell BANJUKE. Finished in black throughout. 12 nickel plated brackets and nickel plated straining hoop. Selected calfskin head with LA VENICIA design. Patent pegs, snappy tone.
No. 7F510 Each $15.00
Same as above, but equipped with fine celluloid bound wooden resonator.
No. 7F513 Each $18.00

The New and Popular "LA VENICIA" BANJO-UKULELES Possess a Rich Musical Tone, are very Resonant and Attractive in Appearance.

WELDING AND CUTTING SUPPLIES

OXWELD FLUXES

Ferro. For cast iron ....Pound $0 75

Braze. For brass, bronze, copper or malleable iron .....Pound $0 85

Cast Aluminum. For aluminum castings. ....¼ lb. $0 50

Sheet Aluminum. For sheet aluminum ..... . .¼ lb $0 60

ADAPTERS

..Prest-O-Weld Type R-103 and R-10 acetylene regulators fit Prest-O-Lite style WC and WK welding cylinders.

The A-toW adapter permits their use with the small Prest-O-Lite A, B, and E lighting cylinders.

Adapter .....Each $1 50

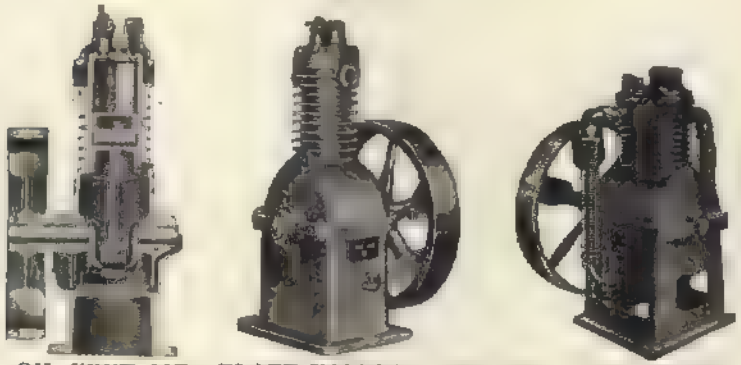
TRUCK

All welded steel construction. Adjustable to accommodate any size oxygen and acetylene cylinders. Portable, convenient Prevents breakage or regulators.

Welders' Truck. .....Each $20 00

AIR COMPRESSORS

CURTIS



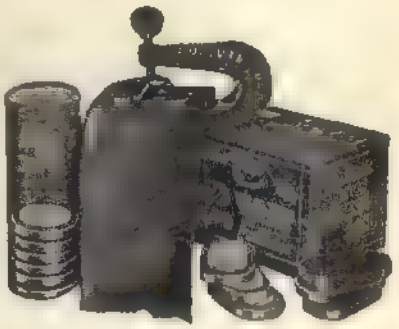
OIL FREE AIR. PLATE VALVES. INCLOSED CRANKCASE.

We suggest that compressors with the centrifugal unloaders be used on all automatic installations, the centrifugal unloaders insure easy starting and protection in case of low voltage or a loose belt. The No. 4 compressor is the most popular when used with gas engine. Use single stage compressors for pressures up to 125 pounds, two stages for higher pressures. We can also supply water cooled machines of any capacity.

Compressor Number.						
Size	1	2	3	4	5	2 Stage
Bore and Stroke.....	1⅝x2	2⅛x2½	2½x3	3x3½	4½x4½	1⅝x⅞x3½
Minimum Speed	500	400	350	300	250	200
Maximum Speed	700	600	550	500	400	550
Usual Motor H. P.....	¼	½	¾	1 to 1½	3 to 5	1 to 2
Usual Eng. H. P..... ...		1	1½	1¾	3 to 5	3
Max. Cu. Ft. per Min....	1.68	2.70	4.70	7.20	16.5	6.6
Pulley size 9x1¾		11x2⅛	12x2½	14x2⅝	18x4½	18x2⅝
Usual Belt Size.....	1	1½	2	2½	4	2½
Maximum Pressure	150	150	150	150	150	200
Shipping wt., lbs.....	50	80	100	130	350	175
Compressor. Each.....$35 00		40 00	55 00	65 00	125 00	125 00
With Centrifugal Unloader. Each	54 00	64 00	80 00	90 00	165 00	165 00

TUBE VULCANIZERS

SHALER 5-MINUTE



Makes permanent tube repairs in 5 minutes. Vulcanizer, with six each round and oblong Shaler heat and patch units

No. M5. Wt. 1¾ lbs. ....Each $1 50

One in a carton.

Makes permanent tube repairs in 5 minutes. Vulcanizer with two each round and oblong Shaler heat and patch units.

No. M50. .....Each $0 50

One in a carton.

PATCH AND HEAT UNITS

SHALER 5-MINUTE

For patching tubes and other rubber articles.

No. M6. Round, 1¾ inches diameter. . . . . Box of 12 **$0 90**

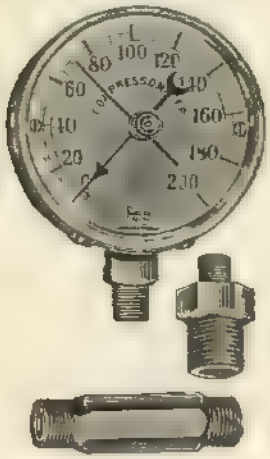
No. M7. Oblong, 2¼x1⅜ inches. . . . . Box of 12 **$0 90**

No. G6. Service station package 50 round units in bulk pkg. Package **$2 10**

No. G7. Service station package 50 oblong units in bulk pkg. Package **$2 10**

No. G8. 25 extra long, 1¾x4 inches, oblong units in bulk pkg. Package **$1 75**

COMPRESSOMETERS

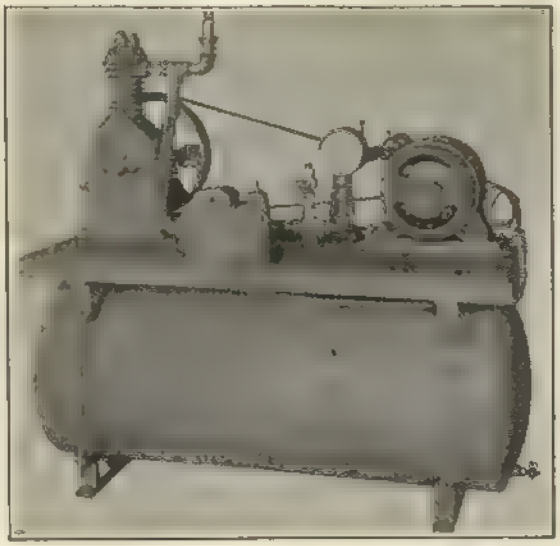


An accurate pressure gauge to be mounted in the cylinder head in place of the spark plug.

U. S. To 200 lbs. pressure; with bushings, ⅛ in. taper Ford size, ⅛ in. S. A. E. and metric. . . . . Each **$5 00**

GARAGE AIR COMPRESSOR UNITS

EQUIPPED WITH CURTIS COMPRESSOR



Compressor—Curtis Model B with Curtis centrifugal unloader, splash oiled.

Timpken Roller Bearings.

Motor—Repulsion-induction single phase for 110-220 V, 60 cycles standard make.

Tank—Oregon State Code for pressure indicated, A. S. M. E. Std.

Switch—Inclosed type adjustable as to pressure wiring in BX.

Check Valve—Special dash pot type, does not pound; noiseless.

Safety—Approved by State boiler inspector.

Connections—Iron pipe (not tube) with oil trap and drain.

Assembly—Tank secured on cast iron saddle with plank deck.

Painted—Orange and Black.

No.	Compressor No.	Speed	Cu. Ft. Displacement	Tank Capacity Gallons	Working Pressure Lbs.	Motor Horse Power	Each
700	1	500	1.2	30	130	1/3	$163 00
705	2	475	2.4	30	130	1/2	183 00
706	2	450	2.4	30	175	1/2	186 50
707	2	475	2.4	90	140	1/2	215 00
708	2	450	2.4	90	175	1/2	224 50
801	3	425	3.8	30	130	3/4	201 50
802	3	400	3.8	30	175	3/4	205 00
803	3	425	3.8	90	140	3/4	234 00
804	3	400	3.8	90	175	3/4	243 00
805	4	375	5.6	30	130	1	227 00
806	4	350	5.6	30	175	1	230 50
807	4	375	5.6	90	140	1	259 00
808	4	350	5.6	90	175	1	268 00
809	50	425	7.7	30	130	1½	253 00
810	50	425	7.7	30	175	1½	256 50
811	50	425	7.7	90	140	1½	302 50
812	50	425	7.7	90	175	1½	311 50
900	Duplex	450	16.20	90	140	3	475 00
901	Duplex	720	26.00	90	175	5	484 00

Note: Maximum pressure 175 lbs.

ANNOUNCING OUR UPTOWN SHOWROOM

For the Convenience of Buyers, We Have Opened an Additional Display in the Heart of the Toy District.

215 FOURTH AVENUE

CORNER 18TH STREET, NEW YORK

You are cordially invited to inspect our new line of "SWEETUMS." These Dolls are Designed Especially for the Department Store Trade. Mr. Bert Schouer Will Be On Hand to Greet You.

UNEEDA DOLL COMPANY

FACTORY

206 MERCER STREET NEW YORK CITY

SELL THIS COLLAPSIBLE STROLLER FOR SUMMER!

Ideal
for beaches—resorts
—tourists

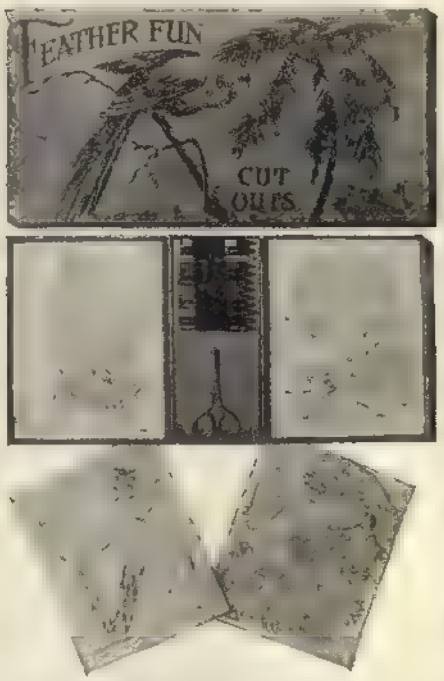
No. 2

Baby cannot fall out, tumble out or get out of this stroller. Absolutely comfortable. It will sell now for summer use. Folds and unfolds easily. Has play beads; adjustable and detachable canopy. Three-tone color effect. Packed individually, fully assembled except wheels, which are easily slipped on—only two cotter pins to insert.

Write today for complete detailed information and prices.

Welsh-Hartman Co.
Hush-a-by ACCESSORIES FOR Wee-Tots
4921 CONNECTICUT ST.
ST. LOUIS, MO.

FEATHER FUN CUTS OUTS AND FEATHER FUN WEAVING GAME



$1.00
Retail

In "Feather Cut Outs" the child cuts out the Bird in sections according to simple directions. Then he colors these parts in the true colors of the bird. Next he assembles the complete bird.

In "Feather Fun Weaving Game" the child weaves colored feathers into the true form of beautiful birds of the Tropics, Song Birds, etc.

Send for Samples

Selling Agents:
HOEST & CO.,
65 E. 17th St.,
New York City

MOSS & HARRISON, Mfrs., 40 E. 21st St. New York City

25c RETAIL QUANTITY PRICES ARE RIGHT

Master's Sensational
PUNCHBOARD PARTY GAMES

A riot of fun for all social occasions. They sell like hot cakes. Our prices give you BIG PROFITS.

A. MASTER
MANUFACTURER
91 South 9th St., Brooklyn, N. Y.

10c RETAIL QUANTITY PRICES ARE RIGHT

Start your letter right: "I saw your ad in PLAYTHINGS"

Beach Buoy....

The New, Safe and Practical Water Toy

The Beach Buoy has a canoe shaped frame, mounted on an especially designed and strengthened tire tube. The child sits in a seat suspended from the frame, and being in the center of the tube, he has full freedom of his arms and legs, enabling him to paddle in any direction with perfect safety. All parts of the frame are ducoed, preventing rusting or disintegration from the effects of salt water. The big feature about the BEACH BUOY, aside from its tremendous novelty appeal, is its perfect safety—the child cannot possibly upset it or fall out. Get ready for the Summer Season—write for details now.

They'll All Stop and Look at This Entirely New and Different Water Toy

THE FOX TOY COMPANY,
BEREA, OHIO
Makers of the Famous Foxy Educational Toys

FRANK WISSIG

640 W. Pratt St., Baltimore, Md.

TOYS OF QUALITY

Representing Well Known Lines—

Paris Manufacturing Co.
American-National Co.
York Novelty Co.
and
Carriage & Toy Co.

MANUFACTURERS
DOLL AND BABY CARRIAGES
CHILDREN'S ROCKERS
AND FIBRE FURNITURE

COMPLETE LINES NOW ON DISPLAY

IF

YOU SELL TOYS

SELL GOOD TOYS

OAKHURST offers to the trade the acme of quality at reasonable prices—dolls that appeal instantly and make the department a year 'round proposition.

Please call at our salesrooms or write for particulars.

OAKHURST STUDIOS
432 Fourth Avenue, New York

CUDDLEKINS

Soft DOLLS and Animals

SLUMBER TOYS

A Pistol Game Which is Absolutely HARMLESS

intensely amusing and instructive affording amusement to the whole family. Very strongly constructed. Target lithographed in red, white and blue. The game which has always been a big seller and an all year item. If your jobber cannot supply you—write us.

THE ELASTIC TIP CO., 370 ATLANTIC AVE., BOSTON, MASS.

WESTCLOX ALARM CLOCKS

SLEEPMETER

Five inch high seamless nickel plated case, novel roll front. 3 ½ inch Arabic dial. 2½ inch back gong. Easy to wind keys. 32 hour movement. With detachable barrel steady alarm. Nickel plated only.

	Each
Sleepmeter Luminous	$3 00
Sleepmeter	2 00

AMERICA

A very good movement. Stands 6¼ inches high. 3½ inch Arabic dial with roll front. 2¼ inch top bell. Steady alarm. Nickel plate only.

	Each
America Luminous	$2 25
America	1 50

MONITOR CLOCK

The Monitor is a good-looking top bell alarm—stands 6¼ inches high and has a clean-cut, four inch dial. Easy winding keys. Steady alarm. Reliable thirty-hour movement. Furnished in nickel and four colors—red, blue, green and yellow.

	Each
Monitor Clock	$1 25

AUTO CLOCKS

Easily installed on instrument board or over windshield frame. Fits any car. Attractive and built to stand strain of driving. Also made in luminous dial.

	Each
Auto Clock—Luminous Dial	$3 50
Auto Clock—Plain Dial	2 50

DAX Watch

POCKET BEN WATCHES

Heavily nickeled case. 30-hour movement, stem wind and set. Antique bow and crown. Distinctive, easy-to-read dial.

	Each
Pocket Ben Luminous	$2 25
Pocket Ben	1 50

THE WESTCLOX DAX WATCH

The Westclox Dax Watch was created to meet and to satisfy the big demand for a dollar watch—a time-piece that is low in price but high in quality.

	Each
Westclox Dax Watch	$1 00

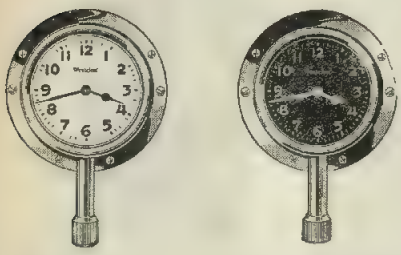
TIP TOP WRIST WATCH

	Each
Tip Top Wrist Watch; Radium Dial	$4 00
Tip Top Wrist Watch; Plain Dial	3 50

L

AUTO CLOCKS

WESTCLOX AUTO CLOCKS



A popular priced automobile clock that will give service. Easily installed on dash or above windshield. Full nickel plated case.

NO.	Old No		EACH
700	1	Plain	$2.50
710	2	Luminous Dial	3.50

NOTE—Free counter display furnished on orders for 3 each plain and radium.

STERLING ELECTRIC CLOCKS

Self-winding—nothing to forget or to get out of order. Current consumed by ordinary dash light in two hours will run the Sterling Electric Clock for an entire year. Ready for operation when wire is connected with one of the ammeter posts. Guaranteed for a year against defective material and workmanship. All models furnished with black dials, white numerals and hands.

Instrument Board Model

Case completely concealed when installed—mounts through a 2¾-inch opening. 1¾-inch dial.

	EACH
Instrument Board Model	$9.00

Overhead Model

Mounts above windshield—attractive combination satin nickel finish. 1¾-inch dial.

	EACH
Overhead Model	$12.50

Steering Post Model

Adjustable—fits any post—rich ebony finish, with nickel plated bezel—1¾-inch dial.

	EACH
Steering Post Model	$10.50

Luminous Dials

Luminous dials that you can read in the dark.

	EACH
Luminous Dials, Extra	$1.00

ASH RECEPTACLES

Cuno Clamp On—Out-O-Site

A new and spacious ash receiver which, by means of a single screw, can be easily clamped to any part of either wood or metal dash. When not in use, it can be pushed back "Out-O-Site" under dash. Has large opening and receiver is easily removed for emptying. Handsomely finished in nickel and black enamel.

No.	Std. Pkg.	lb Std. Pkg	EACH
662	12	5	$1.00

One in a box.

CUNO ASH RECEIVERS

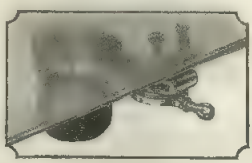
Can be mounted in combination with either model 640 or model 603, or separately, two brackets being furnished with each receiver. Receiver is removable and provided with removable top flange ring, making it easy to completely empty all contents.

NO.	lb Each	EACH
622	¾	$0.75

CASCO ASH RECEIVER

Designed for mounting to the lower edge of the instrument panel and is secured by means of a single set screw. No drilling is required. Finished in bright silver nickel.

NO.	Std Pkg.	Lbs. Each	EACH
810	10	2	$0.60



This new Casco Disappearing Ash Receiver is made to attach to metal dash. When not in use, the only visible part is the small cap and knob. A slight pressure of the thumb on this knob and the Ash Receiver jumps into position for use; this action being actuated by an offset coil spring which holds the receiver—rattle-proof—at a convenient angle for the smoker's use.

NO.	EACH
450 Casco	$1.50

Packed ten in standard carton; weight 7 lbs.

NO	EACH
Replacement Ash Bowl	$0.50

TIRE LOCKS

L

Heavy, leather-covered steel cable is securely fastened into specially prepared attachments, each strap put under a 1000-lb pulling test.

NO.	Length	Wt. Doz.	DOZEN
336	36 in.	8 lb.	$12.00
342	42 in.	9 lb.	13.20

Twelve in a carton.

CHAIN

American—Bull Dog Link

Luminized, weldless steel chain leather covered. Has two rings, one of which is passed through other, so that chain can be drawn up as tight as desired, or arranged to encircle two tires.

NO.	Length	Wgt. Doz.	EACH
3B	36 in.	6 lb.	$0.70
2B	42 in.	7 lb.	.90

Ten in a carton.

SPARE TIRE LOCKS

Hok

The last word in spare tire protection—to install threaded lock—simply remove original nut on tire carrier, replace with cylinder locking nut, using socket rim wrench, open end wrench or any similar wrench.

To install disc wheel lock—simply push cylinder locking nut over blank stud, dropping pin through stud hole. Both locks—slip locking unit over cylinder nut, remove key and turn locking unit right or left to set combination No. 2 as shown in cuts. If threaded bolt on the carrier or blank stud is over 1 inch long, cut off to that length.

Type T has threaded cylinder nut and will also fit other cars not listed above having same size tire carrier bolts.

NO.	Threads	EACH
T-1	⅞ S.A.E.	$2.50
T-3	⅞ U.S.S.	2.50

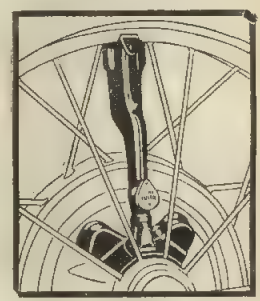
Packed 6 per carton.

Fits New Model A Ford

NO.	EACH
5-3	$3.00

Packed 6 per carton.

FORD SPARE TIRE LOCK



Fulton

This lock fits the new Model A Ford cars. Two special nuts are furnished to replace the regular nuts on spare tire carrier. A casting fits snugly over these nuts and a lock is pressed into opening in casting and when locked it is impossible to remove wheel from carrier.

NO	EACH
FA	$3.00

FULTON SNAP LOCK

For Chevrolet and Essex

Has the well known Fulton locking principle, "locks as it snaps into place." And once locked can be opened only by the owner's key. It gives protection against tire theft. And it is unusually good looking, with its black enamel and chrome finish.

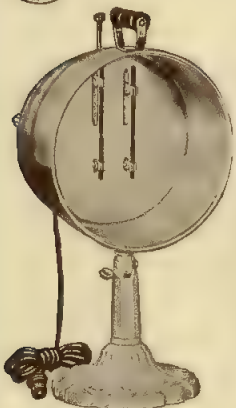
The heavy housing fits on carrier bracket in place of the regular toe-plate, enclosing the carrier nut. When the lock cover is snapped into place it seals the housing and entirely covers the carrier nut. This prevents tampering or removal of tire until the cover is unlocked by owner's key, and removed. Housing is finished in black enamel. Cover is chrome plated.

NO.	EACH
FCE	$3.00

The Famous "White Cross" Ultra Violet Sunshine Lamps

Choice of Table or Wall type or Floor Stand type, as shown

KEEP FIT—HEALTH IS HAPPINESS



MODEL 7C/1750C
Adjustable Table and Wall Type
Diameter of lamp 10½ inches, depth 8 inches, height 20½ inches. Shipping weight 13 lbs.

You cannot make a more profitable investment than one which will promote your health and that of your family. Without good health, real success in your daily work, in school or at play is impossible and happiness unknown.

Long ago medical science discovered that it was these so-called "ULTRA VIOLET" RAYS that were responsible for the great health giving and curative powers of the sun. As science has overcome most of the perplexing problems, it has also solved the problem of furnishing Ultra Violet Rays artificially by means of carbon arc light utilizing specially compounded carbons.

The medical profession has quickly recognized the marvelous healing and health giving power of ultra violet rays produced by the carbon arc. Today, all hospitals, exclusive health resorts, prominent sanitariums, athletic clubs and in thousands of homes, are installed this famous WHITE CROSS Ultra Violet Ray Equipment, fighting disease, restoring the sick to health and keeping fit the healthy alike.

Mechanical Details

The "WHITE CROSS" lamp is made in two styles: Model 7C/1750C—the table or wall type (shown at left) and Model No. 7C/2100D the floor stand type, illustrated at right. They differ, only in the matter of the stands, all other features being identical.

They are of the twin arc type recognized by leading authorities as the most efficient type of carbon arc lamp. The double arc assuring maximum radiation and Ultra Violet output with a minimum of current.

The mechanism is of our own design concealed behind the reflector and absolutely trouble proof. The calibrated timing mechanism automatically cuts off the current and rays at the end of a period of approximately six minutes, being the approximate exposure for general treatments. For longer exposures or treatments, simply repeat by pressing starter button—very simple and efficient.

Each WHITE CROSS Lamp comes complete with carbons and goggles for protection of the eyes, and complete operating directions.

White Cross Lamps operate on 105 to 125 volt circuits, either A.C. or D.C.

PRICES

No. 7C/1750C	Table or Wall Type, (Shown at left), Complete	$46.70
No. 7C/2100D	Adjustable Floor Type, (Shown at right), Complete	56.00

MODEL 7C/2100D
Adjustable Floor Type
Telescopes to maximum height 62 inches. Diameter of Lamp 10½ inches, depth 8 inches. Shipping weight 25 lbs.

HEALTH AND BEAUTY IN A FEW MINUTES

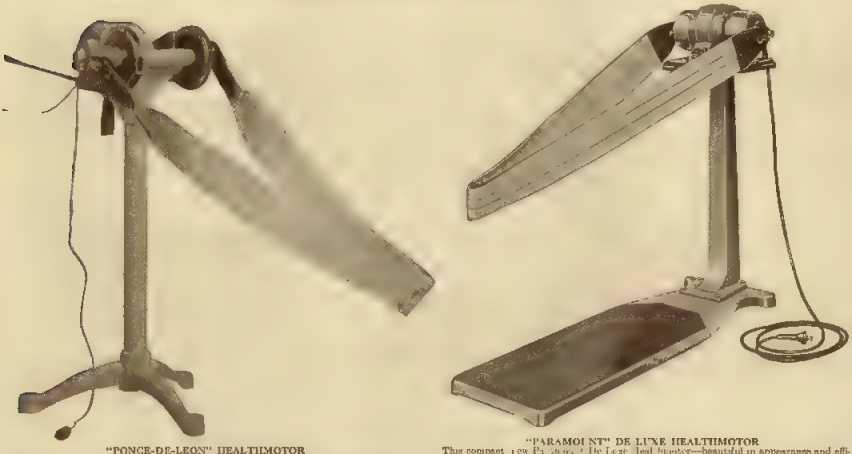
Get All the Benefits of Vigorous Exercise Without the Tiresome Effort

Radiant, youthful vigor and a supple attractive figure, the true characteristics of a healthy woman. Alert, Dominant energy with a pleasure and an endurance that belie the years. The requisites of every successful man.

Ten to Fifteen Minutes Daily Rejuvenates Every Woman or Man

Walking, setting-up drills, and other forms of exertion are tiresome, and consume time and energy needed for more important matters. These Mechanical Masseurs solve the problem. With only ten to fifteen minutes of pleasant, invigorating massage daily, it supplies the needed physical stimulation—which also means mental stimulation. Sluggish circulation is enlivened. Flabby muscles are strengthened. Dormant organs are massaged into their proper activity. Fatigue toxins are eliminated. Relaxation and the sound sleep of youth returned. Your whole physical, nervous and mental system is kept in healthy condition practically without effort on your part.

CHOICE OF TWO NATIONALLY ADVERTISED MODELS



"PONCE-DE-LEON" HEALTHMOTOR
"The Mechanical Fountain of Youth"

The Ponce-de-Leon provides a form of massage that is more effective than can be had with a vibrator or a massage alone. A vibration of movement that provides either a soothing massage or vigorous muscles.

This sturdy mechanical masseur is easily installed in a closet, in your bathroom, boudoir, office or gymnasium and requires very little space. The attention-free, one-fourth horsepower motor operates quietly and is current from any light socket or electrical connection. Fully guaranteed. Furnished complete with cord and plug.

No. 9Y/3350 "Ponce-de-Leon" Healthmotor Complete $65.80

"PARAMOUNT" DE LUXE HEALTHMOTOR

This compact new Paramount De Luxe Healthmotor—beautiful in appearance and efficient in operation—is meeting with wonderful consumer acceptance. It is a wonderful health and recreative aid and is suitable for all ordinary use—as for that end as well to a wonderful advantage by the entire family.

It comes complete, equipped with two belts—one wide and one narrow—pins for adjusting motor vibration and instruction card.

Paramount Health Exercisers are equipped with GENERAL ELECTRIC motors, which insure continued satisfactory service.

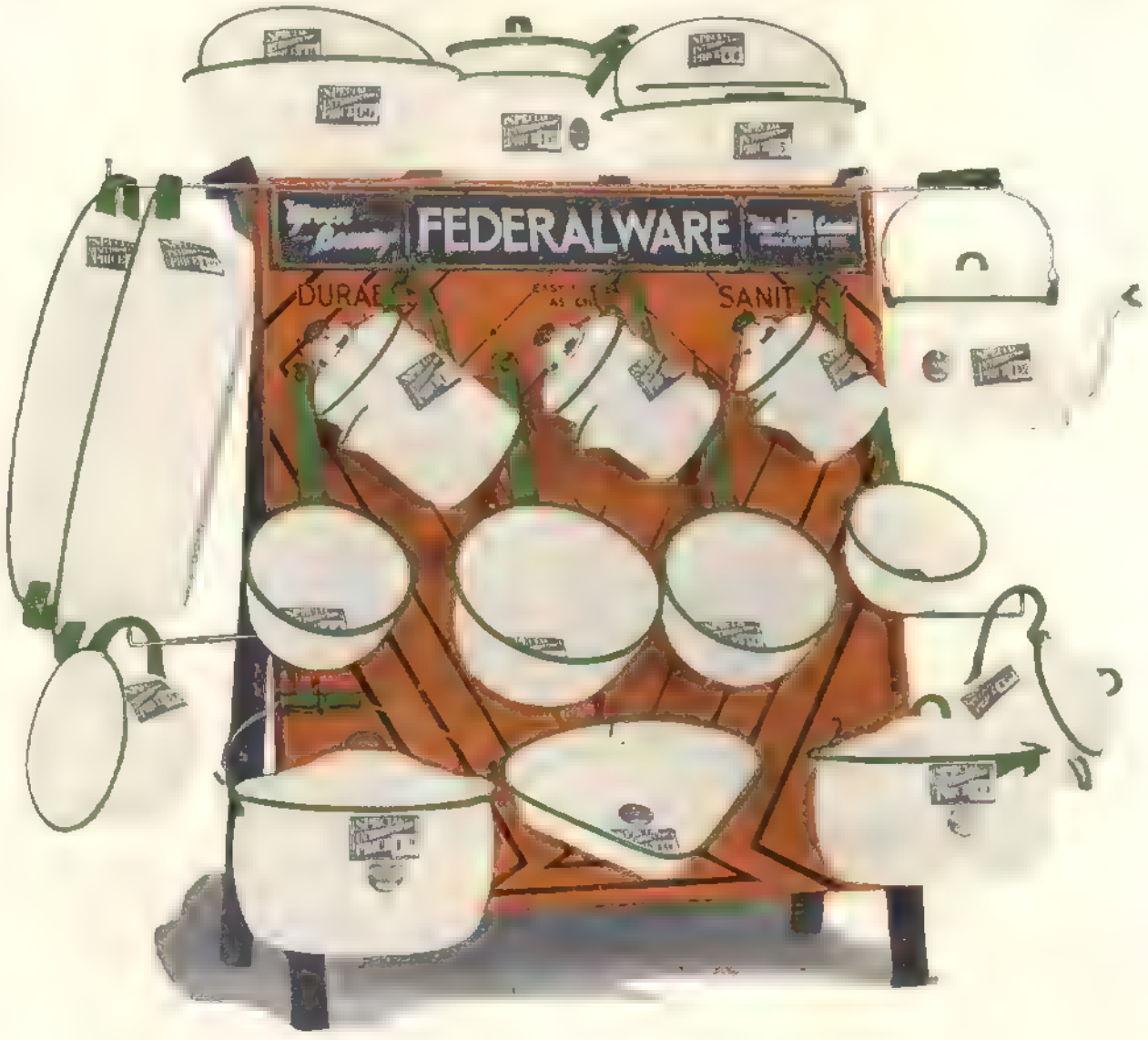
Has rubber-covered roller massage unit.

No. 9Z/3950 "Paramount" De Luxe Healthmotor, Complete $105.50

WHITE ENAMELED WARE

GREEN BEAUTY

Three coat, snow white inside and outside with a green bead around the edge, green handles and trimmings.
Free Price Labels and small unit packing make Federalware a profitable line for Dealers.



75 Per Cent of Enamelware Sales are Reminder Sales.

THE NEW FEDERAL DISPLAY STAND IS YOUR MOST ELOQUENT REMINDER

THIS $7.50 ATTRACTIVE METAL DISPLAY STAND AT HALF PRICE ($3.75)
WITH $50.00 WORTH OF GREEN BEAUTY WHITE ENAMELWARE

WRENCHES.

WILLIAMS' "SUPERRENCH" MIDGET ELECTRICAL SET

Forged from Chrome-Molybdenum Steel, Heat Treated and Chrome-finished with Heads Buffed Bright.

An assortment of Midget "Superrenches," extremely light and thin, yet amazingly strong for their size. Both openings in each wrench are the same size, but at different angles—15° and 75°; where one head cannot operate the other will. For use on automotive electrical work, carburetors, radios and for all delicate adjustments, or in the closest of close quarters.

No.	Openings Milled, In.	Extreme Length, In.	Thickness Heads, In.	Chrome-Finished Each
1114	7/32 & 7/32	3	3/32	$0 90
1116	1/4 & 1/4	3	3/32	90
1120	5/16 & 5/16	3¾		1 00
1122	11/32 & 11/32	3¾	1/8	1 00
1124	3/8 & 3/8	3¾	1/8	1 00
1128	7/16 & 7/16	4½	5/32	1 15
1132	1/2 & 1/2	4½	5/32	1 15

Set No. 1120. In leatherette roll. Wt, ½ lb. .....Set $7 80

WILLIAMS' "SUPERRENCH" TAPPET

Drop Forged from Chrome Molybdenum Steel. Heat Treated. Heads Polished Nickel Plated. Body Dull Nickel Plated. Openings Milled and Smooth.

Especially designed for tappet work—their length sufficient to prevent burning the hands while adjusting tappets on hot motors. Well adapted to use on check nuts.

No.	For U. S. Std. Nuts, Size Bolts	For Hex. Hd. Cap Screws, Dia. Screw, In.	For S.A.E. Std. Nuts, Cap Scrs. Size Bolt.	Openings Milled	Extreme Lgth. Approx. In.	Thickness Head, In.	Nickel Finish'd Each
1090	⅛	¼&5/16	¼&5/16	7/16&1/2	8	3/32	2 20
1090D	¼	5/16&3/8	5/16&3/8	1/2&9/16	8	3/32	2 20
1092		3/8&7/16	3/8&7/16	9/16&5/8	8	1/8	2 40
1092D	5/16&3/8			19/32&11/16	8	1/8	2 40
1094A		7/16&1/2	7/16&1/2	5/8&3/4	9	5/32	2 70
1094G		1/2&5/8	1/2	3/4&13/16	9	3/16	2 70
1096H	1/2&5/8	5/8	7/16&9/16	7/8&1 1/16	9	1/4	3 00
1096		3/4	5/8&7/16	15/16&1	9	1/4	3.00

VLCHEK PARABOLIC

Drop Forged Carbon Steel. Semi Finished.

New narrow jaws for work in close quarters, yet all the strength of the round head type has been retained.

Wrench No.	Openings Milled	For USS Nuts Size Bolt Inch	USS and SAE Hex. Head Cap Screw Dia. Screw In	For SAE Nuts Size Bolt, In	Each
721	5/16& 3/8	1/8	1/8 &3/16	....	$0 25
21	5/16& 13/32	1/8 &3/16	1/8	....	25
723	3/8 & 7/16	.....	3/16&1/4	1/4	25
23	13/32& 1/2	3/16&1/4	5/16	5/16	25
725	7/16& 1/2	1/4	1/4 &5/16	1/4 &5/16	30
725B	1/2 & 9/16	1/4	5/16&3/8	5/16&3/8	30
25	1/2 & 19/32	1/4 &5/16	5/16	5/16	30
727	9/16& 5/8	....	3/8 &7/16	3/8 &7/16	35
27	19/32& 11/16	5/16&3/8	....	....	35
729	5/8 & 3/4	....	7/16&1/2	7/16&1/2	35
29	11/16& 25/32	3/8 &7/16	....	.....	35
731A	3/4 & 7/8	1/2	1/2 &5/8	1/2 &9/16	40
31	25/32& 7/8	7/16&1/2	5/8	9/16	40
33	7/8 & 31/32	1/2 &9/16	5/8	9/16	50
33C	15/16& 1	.....	3/4	5/8	50
34	7/8 & 1⅛	1/2 &5/8	5/8	9/16	75

Six of a size in a carton.

VLCHEK WRENCH KLERK

Assortment of Vlchek Parabolic Wrenches.

A stock of wrenches to satisfy the demands of 98 per cent of your customers in a sturdy metal box that fits into a square foot of space. For easel display or to be placed flat on display table. Wrenches stamped with numbers and sizes of openings.

Box Contains 78 Wrenches in 16 Patterns as Follows:

2 each No. 721, 723, 731A, 33C, 34.
4 only No. 21
6 each No. 23, 725, 25, 727, 729, 20.
16 only No. 725B.
8 only No. 27
3 only No. 21.
1 only No. 33.

Assortment No. 2210. 78 wrenches. Shipping wt. 85 lbs. .....Assortment **$15 00**

WRENCHES

VLCHEK PARABOLIC

Drop Forged and Tempered. Milled Openings

Sets consist of six wrenches. Every opening a different size; no duplicate openings. Wrenches in set are as follows:

Wrench Number	Openings Milled, Inch		For U. S. Std. Nut, Size Bolt, Inch		For USS & SAE Hex Hd Cap Screws Diam. Screw, Inch		For SAE Nuts Size Bolt, Inch	
723	3/8	7/16			3/16	1/4		1/4
725B	1/2	9/16	1/4		5/16	3/8	5/16	3/8
27	19/32	11/16	5/16	3/8				
729	5/8	3/4			7/16	1/2	7/16	1/2
31	25/32	7/8	7/16	1/2		5/8		9/16
33C	15/16	1				3/4	5/8	

CARBON STEEL

Unfinished.

These new wrenches make it possible because of the narrow jaws, to work in the closest corners, yet all the strength of the round head type has been retained. The new holder is an all-metal, side-hinged, positive locking container.

Set No. 2153. Fitz-All. Set of six wrenches as above. Carbon steel, unfinished. Wt. ea. 2½ lbs. .....Set **$1 00**

CHROME-MOLYBDENUM STEEL

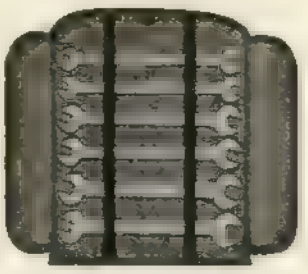
Nickel Plated.

The new Parabolic type Chrome-Molybdenum steel electro alloy wrenches are not only more advanced in principle, but they inaugurate an entirely new idea in wrench design. For the first time a wrench has been produced that has the durability of the round head type open end wrench and the convenience of the newest pear shaped design. The thickness of the heads, depth of the openings, and the size of the bar are scientifically and practically correct in their relations of one to the other, making the strongest wrench on the market. In a new all metal, side-hinged, positive locking container.

Set No. 2152. Set of six wrenches as above. Chrome-Molybdenum Steel, nickel plated. Wt. set, 2½ lbs.....Set **$2 50**

VLCHEK TAPPET

Vlchek Chrome-Molybenum tappet wrenches are electric lly heat treated to insure uniform hardness; exceptionally strong and yet of thin design; very tough and accurate as to milled openings.



CHROME-MOLYBDENUM

Nickel Plated. In Enameled Drill Case.

Set contains 6 wrenches, two each of the following:

Nos.	Opening Milled, Inch	Thickness of heads, Inch	Extreme Length, Inches	For USS Nuts Size Bolt, Inch	For USS & SAE Hx. Hd. Cap Screws, Diam. Screw, Inch	For SAE Nuts Size Bolt, Inch
90	7/16 & 1/2	5/32	8⅛	1/4	1/4 & 5/16	1/4 & 5/16
92	1/2 & 9/16	3/16	8⅛	1/4	5/16 & 3/8	5/16 & 3/8
93	5/8 & 11/16	13/64	8⅛	3/8	7/16	7/16

Set No. 2406. Set of six wrenches, two each of above .....Set **$3 00**

Goggle Display Assortments

These Goggle Assortments from the Widely Advertised Willson Line are our most popular sellers. All of the six assortments offered on this page sell quickly and profitably.

CG1781—GOGGLE ASSORTMENT—Twelve good quality goggles with assorted colored lenses in amber, amethyst, smoke and olive green. Frames and eyebrows are of dark shell. Curved bows to fit over ears. One dozen on a display card, not broken.
Per doz 3.50

CG1799—GOGGLE ASSORTMENT—High grade assortment Yid, dark shell straight temple goggles mounted on a beautiful display set-up. Olive green, smoked and amethyst lenses; one dozen on a display card, not broken.
Per doz. 9.00

CG1780—SLIP-OVER GOGGLE ASSORTMENT. These goggles may be slipped over the regular glasses without removing them from the face. Six goggles in various styles of mottled shell and crystal frames. Colored lenses in tints most restful to the eyes. ½ dozen on an attractive display card, not broken.
Per card 12.00

CG1783—SHELL GOGGLE ASSORTMENT KV3. Twelve medium quality, assorted colored lenses. Display card, used back, one dozen on a card, not broken.
Per doz. 6.00

CG1785—MOTTLED AND CRYSTAL SHELL ASSORTMENT V10—Twelve high grade goggles mounted on mirror display. The goggles are assorted styles with assorted amber, olive green, smoked and amethyst lenses; one dozen on display, not broken.
Per doz. 12.00

Marine Blue Goggles

CG1807—MARINE BLUE GLASSES. Made to eliminate glare without changing natural colors. Slightly curved lenses in assorted sizes, round and drop shape. Crystal and mottled shells. Packed one dozen on each side of easel on a mirror display card, not broken.
Per doz. 11.00

Goggle Assortments

Here is a broad line of Goggle Assortments in a Great Variety of Colors, Styles and Sizes

CG1793—SUN GLASS ASSORTMENT—Imitation shell frames with assorted amber, green and smoke celluloid lenses. Packed one dozen assorted on an attractive display card, not broken.
Per doz. 1.50

CG1795—PROTEX GOGGLE ASSORTMENT—Twelve goggles designed to shield the eyes from the glare of the sun. The frames are made of dark xylonite with skull temples. Colors are amber, smoke, fennel and amethyst lenses. Diameter of rim, 1⅝ inches. Regular size. Packed in assortment of one dozen on an attractive counter display card, not broken.
Per doz 9.00

CG1789—SUNSPEX ASSORTMENT—Twelve goggles assorted in three sizes on heavy folding card of blue and white. Frames dipped, not rubbed, serviceable popular quality. Each goggle is separately removable. Six riding bows; six straight bows. Assortment is packed in substantial corrugated container, cards not broken.
Per doz. 9.00

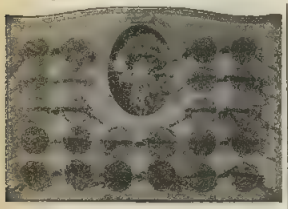
CG1794—GOGGLES—Imitation shell frames of special construction which gives this goggle the same appearance as those that sell at a very much higher price. Amber, green and smoke lenses. One dozen on a display card, not broken.
Per doz. 4.00

CG1792—PROTEX ASSORTMENT—Dark xylonite frames with skull temples, regular size 1⅜ inch round rims. Amber, smoke, fennel and amethyst lenses. Packed one dozen on gold, black and white display cards, not broken.
Per doz. 7.00

CG1790—PROTEX ASSORTMENT—Dark xylonite frames with skull temples, six pair regular 1⅜ inch round rims, six pair medium 1⅛ inch round rims. Lenses, amber, smoke and amethyst; one dozen in the new gold, black and white display, not broken.
Per doz. 8.00

L GOGGLES

All material used in the manufacture of Willson Goggles is of the highest standard, and every pair of goggles has to measure up to the highest standard of quality before being placed on the market. These goggles are manufactured for all purposes in various styles, shapes of frame, and colors of lenses, including the new Fieuzal color, which is a shade between light green and a smoky color that eliminates the ultra-violet rays, and is very easy and restful to the eyes.



These are truly beautiful cards and will make many a sale. This assortment will prove a good seller. Twelve assorted goggles as follows—

3 mottled shell and 4 crystal frames.
2 goggles No. K9
2 goggles No. K12
2 goggles No. K15
2 goggles No. K16
2 goggles No. K92
2 goggles No. K162

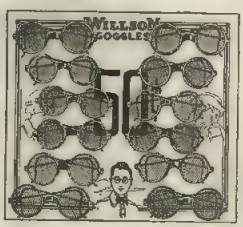
NO.	Wt. Each	ASST.
240	1¾ lb.	$10.00

Twelve first grade goggles on a two-way sturdy display card in a new color scheme—six goggles on ea. side. The glass colors are assorted fieuzal, amber, smoke and amethyst. Packed in cartons for mailing.

6 mottled shell and 6 crystal frames
2 goggles No. K7
2 goggles No. K72
2 goggles No. K9
2 goggles No. K92
2 goggles No. K15
2 goggles No. K152

NO.	Wt. Each	ASST.
Y243	1¾ lb.	$10.00

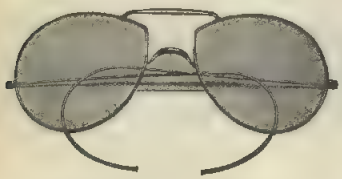
Packed as wanted—One card in an envelope.



Assortment KY3, is a convincing salesman for your window or counter. Its brilliant colors attract the eye, and its goggles sell themselves. The value is unusual. All 50 cent retail values.

NO.	Wt. Each	ASST.
KY3	1⅝ lb.	$5.00

EYETECTS



Buckeye—Autoists and Sport Wear

This goggle, without the use of side shields, provides ample protection from danger in front. It is a very wide goggle and fits the curvature of the head and protects the eye orbit well down to the cheek of the wearer. The lenses are shaped so that nothing can enter between them, and the nose bridge is formed to set the lenses outward from the eye, so that the lashes do not touch. This goggle is guaranteed optically perfect, tough, clear glass lenses, and for special purposes with amber, green smoke and welding lenses.

Gold Filled Rims and Ear Pieces

NO.	Color Lens	Wt. Doz.	DOZEN
5-GFA	Amber	4 lb.	$45.00
6-GFS	Smoked	4 lb.	45.00

One pair in a hinged box.

Drop Eye Styles—Riding Temple

All Shell color or Crystal frame.

NO.	Color		DOZEN
120	Smoke	Wide Deep	$12.00
120F	Fieuzel		12.00

One pair in a box; one dozen boxes in a carton.

A low price side shield which is an exceptional offer. Has White Metal construction throughout; flexible cable temples; saddle bridge; ventilated metal side shields; round eye, 1⅝ in. diameter. Metal case with each goggle.

NO.	Color	lb Doz.	DOZEN
200	Smoked	2¾	$6.00
200F	Fieuzel	2¾	6.00

One pair in a box; one dozen boxes in a carton.

Skull Bow—Straight

Shell or Crystal frames.

NO.	Color	Lens In.	DOZEN
143ST	Smoke	1⅜	$6.00
143ST-F	Fieuzel	1⅜	6.00
146ST	Smoke	1⅜	6.00
146ST-F	Fieuzel	1⅜	6.00
150ST	Smoke	1½	7.50
150ST-F	Fieuzel	1½	7.50

One pair in a box; one dozen boxes in a carton.

WORK GLOVES

L

BOSS

COTTON

Medium weight canton flannel, fleece lined inside. Three seamed back pattern, with unit wrist.

6 Ounce Canvas

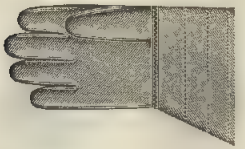
NO.	Color	For	Wt. Doz. Pr.	DOZ. PAIR
841	White	Men	1 lb.	$3.00
841B	White	Boys	1 lb.	3.00

8½ Ounce Canvas

NO.	Color	For	Wt. Doz. Pr.	DOZ. PAIR
817	White	Men	1½ lb.	$3.60

Ten dozen in a carton.

COTTON GAUNTLETS



Good heavy weight canton flannel gauntlet, fleece lined inside. Seamed back pattern, cuff stiffened and quilted. Edges and the cuff red thread.

NO.	Color	For	Wt. Doz. Pr.	DOZ. PAIR
455	White	Men	2½ lb.	$4.00

Ten dozen in a carton.

LEATHER PALM

Good medium weight canton flannel, fleece lined inside. Seamed back pattern, tan knit wrist. Leather reinforced palm and thumb with canton flannel beneath leather.

NO.	Color	For	Wt. Doz. Pair	DOZ. PAIR
350	Tan	Men		$5.75

Ten dozen in a carton.

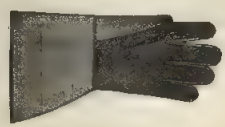
LEATHER PALM

Heavy brown cotton back. Faced with heavy good quality leather. Leather on back of finger tips, knit wrist. Good quality.

NO.	Color	For	Wt. Ds. Pr	DOZ. PAIR
287	Brown	Men	3¼ lb.	$10.50

Ten dozen in a carton.

Canvas



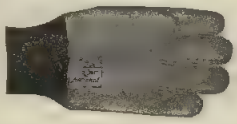
Made of twill canvas with red stitching on edges, canton flannel lined, soft green sheep leather palm.

NO.	Color	For	Wt. Dz. Pr.	DOZ. PAIR
169	White	Men	2½ lb.	$6.50

Ten dozen in a carton.

NATIONAL

NAPA GOAT SKIN



Tanned by an exclusive process that preserves all the natural oil and gives a leather that is flexible, scuff-proof, skin-preserving, water and oil-repellant, soft, pliable and tough. Reasonably priced. Made with khaki wrist.

NO.	Color	For	lb Doz. Pr.	DOZ. PAIR
301	Cream	Men	3¼	$7.00

J RIFLES

SINGLE SHOT

Stevens—Junior—Take Down

20-inch round blued steel barrel, blued finish, positive extractor, shoots CB caps, 22 short, long and long rifle rim fire cartridges; knife blade front and open rear sights; American walnut stock, steel butt plate.

NO.	Caliber	Lgth. In.	lb Each	EACH
1122	22	34	2¾	$4.25

Stevens—Little Scout

Made for .22 short, long and long rifle cartridges. Barrel, 20 in. round. Action, Single shot. Thumb operated drop breech block, positive extractor. Frame, take-down—case hardened. Sights, bright metal knife blade front. Flat top open rear. Stock, oval shaped butt stock with steel butt plate.

NO.	Caliber	Lgth. In.	lb Each	EACH
1422	22	34	2¾	$5 00

One in a box.

Page Lewis—Bolt Action

Bolt action; 20-inch round barrel; .22 short, long and long rifle caliber. Bead front and open rear sight. Dark oil finished stock. Each rifle in a paper envelope.

NO.	Caliber	Lgth. In.	lb Each	EACH
Model D	22	37½	3	$5 00

SINGLE SHOT

Hamilton—Model 43—Take Down 22 Caliber

A bolt action rifle, chambered for 22 short or long rim fire cartridges. Round barrel; blued finish.

NO.	Caliber	Lgth. Barrel In.	lb Each	EACH
43	22 Short or Long	16	3½	$1 50

One in a box.

Hamilton—Take-Down—22 Caliber

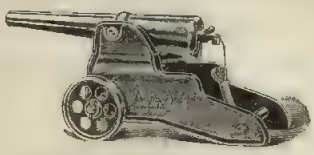
Chambered for short or long rim fire cartridges; 16-inch tapered round bronze blued steel barrel; hammer action, automatic ejector, solid breech block; front knife and open rear adjustable sights; blued finish; walnut stock and fore-end, steel butt plate

NO.	Wt. Each	EACH
27	3 lb.	$3.00

ONE IN A BOX, WITH CLEANING ROD—TEN IN A CASE

CANNONS

WINCHESTER BREECH LOADING CANNON



10-Gauge—For Saluting and Celebrations

Designed to supply demand for a low-priced breech-loading cannon possessing safety, simplicity of construction, and ease of manipulation.

Description—Twelve-inch tapered, rolled steel barrel, cylinder bored, mounted on a cast iron carriage, heavy wheels 3½ inches diameter. The barrel and breech closure are proved and tested to withstand a much greater pressure than can be developed by any charge of black powder that can be loaded in a 10-gauge shell. The carriage and wheels are nicely japanned, the barrel blued, and breech closure hardened black, giving the gun a very neat appearance. The length of the cannon over all is 17 inches, its height 7¼ inches, and its width 7 inches.

NO.	Gauge	EACH
10W	10	$12.50

MARLIN RIFLES

J

REPEATING

Stevens—Visible Loading—16 Shots—22 Caliber

22 caliber, rim fire, shoots 22 short, long and long rifle cartridges and will also handle C. B. caps; 22 inch round blued steel barrel, fitted with Rocky Mountain front and sporting rear sights; varnished walnut stock and slide handle; blued frame; blued trigger guard; steel butt plate. The magazine holds 15 short cartridges; the visible loading feature is entirely new, the cartridge always in sight while being fed into chamber. Strong double extractors make extraction of the empty shell absolutely positive. The breech block and hammer have positive locks. Carefully bored and rifled and finely finished. Full length of rifle 35 inches.

NO.	Lgth. Bar.	lb Each	EACH
7022	36	4½	$13.50

STEVENS HAMMERLESS REPEATING RIFLE

Specifications—24 in., round tapered barrel, fitted with genuine Lyman Ivory Bead Front Sight and sporting rear sight. Selected American walnut straight grip stock; regulation steel butt plate. Tubular magazine. All metal parts nicely polished and blued.

Action—simple, two part takedown (no loose parts). Usually rugged, simple construction with extremely short movement of breech block. Side ejection. Cylindrical safety behind trigger. Magazine holds fifteen 22 long rifle, seventeen 22 long, or twenty 22 short cartridges.

NO.	Lgth. In.	lb Ea.	EACH
7522	41	5¾	$17 50

No. 65—Bolt Action

Take down; .22 long rifle, .22 long and .22 short rim fire cartridges. Barrel, 22 in., round, tapered, with crowned muzzle. Magazine: tubular. Capacity, 10-22 long rifle, 12-22 long, 14-22 short. Action: bolt type with safety. Also safety firing pin. When bolt is closed, firing pin is held at half cock, preventing accidental discharge. Stock: turned walnut finish, British military type with steel butt plate. Sights: Lyman ivory bead front, sporting rear "U" notch with elevation. Length, over all, 39¾ in. Length taken down 29 in.

NO.	Lgth. In	Lb Each	EACH
6522	39¾	5	$10.75

SINGLE SHOT

Stevens—Favorite—Take Down—Lever Action—22 Caliber

24-inch blued steel barrel; blued frame and mountings; solid breech block, Rocky Mountain front and sporting rear sights; walnut stock and forearm. Chambered for 22 short, long and long rifle rim fire cartridges.

NO.	Caliber	Barrel	Lgth. In.	lb Each	EACH
1722	22	Round	38	4¼	$9.25
2722	22	Full Oct.	38	4¾	9.80

Smooth Bore—Shotgun—22 Caliber

22 Caliber, chambered for 22 long shot cartridges.

NO.		Lgth In.	lb Each	EACH
2022	Round Barrel	38	4¼	$9.25

Stevens—Marksman—Take Down

Specially Designed for Smokeless Powder Ammunition.

22-inch round tip-up barrel; blued frame; plain lever; plain extractor; full oval stock; shot gun butt with rubber butt plate; bead front and open rear sights. Adapted for CB caps, short, 22 long, or 22 long rifle cartridges.

NO.	Caliber	Lgth. In.	lb Each	EACH
1222	22	36	4	$8.00

One in a box.

Stevens—Crack Shot—Take Down—22 Caliber

Twenty-inch round barrel, blued frame; lever action, oval stock; carbine butt plate; knife blade front and open rear sights. For CB caps, 22 shorts, 22 long or 22 long rifle cartridges. For smokeless powder ammunition.

NO.	Caliber	Lgth. In.	lb Each	EACH
2622	22	34	3¾	$6 00

22 Caliber smooth bore for 22 long shot shell.

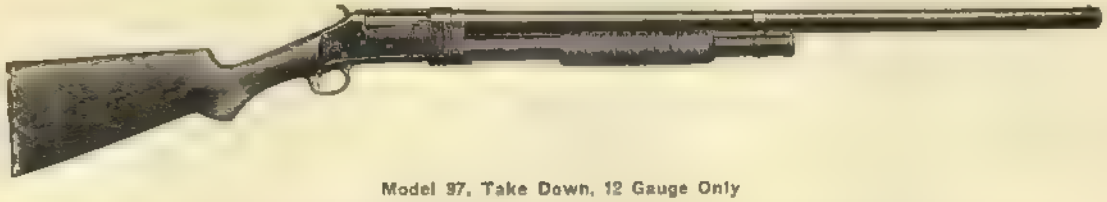
NO.	Caliber	Lgth. In.	lb Each	EACH
SB2622	22	34	3¼	$6 00

WINCHESTER HAMMERLESS REPEATING SHOTGUN

Model 12; 12, 16 and 20 Gauges — Price

Standard Take Down Grade. 12 Gauge, 26, 28 and 30 inch only; 16 Gauge, 26 and 28 inch; 20 Gauge, 26 and 28 inch. Made with Nickel Steel Barrel, Plain Walnut Pistol Grip Stock and Action, Slide Handle; 12 Gauge, Length of Stock 13¾ inches; Drop at Comb, 1 11-16 inches; Drop at Heel, 2½ inches; 16-20 Gauges, Length of Stock 13⅝ inches, Drop at Comb, 1½ inches; Drop at Heel, 2½ inches; Rubber Butt Plate. Weight, 12 Gauge about 7¾ lbs., 16 and 20 Gauges, about 6 lbs. $49 25

WINCHESTER "TAKE DOWN" SHOTGUN



Model 97, Take Down, 12 Gauge Only

Take Down, Rolled Steel Barrel, Plain Pistol Grip Stock Choke Bored 6 Shot, 12 Gauge, 26, 28 or 30 inch; 7¾ lbs. $43 30

WINCHESTER TRAP GUN

WITH VENTILATED RIB

Model 12 with Ventilated Rib and Extension Slide Action Handle

Here are the perfect balance and the efficient operation, accuracy, strength and lightness of the famous Winchester Model 12 plus a recent finally perfect ventilated rib. The Winchester Ventilated Rib is designed to give greater speed and accuracy in aiming. Its elevation above the gun barrel is such that it correctly orders the area of heat waves and thus gives a guide in aiming that has the highest possible visibility. The Ventilated Rib gun is made in 12 gauge only with 30 inch full choke barrel and soft rubber recoil pad. Furnished with extension action slide handle as shown in illustration.

Tournament Grade	$149 55
Trap Grade	164 45
Pigeon Grade, Engraved	351 45

CANVAS COVERS FOR ABOVE GUNS, NOS. 27-28-29. SEE PAGE 143 FOR DESCRIPTION
LEATHER CASES, NOS. 31-32. SEE PAGE 142 FOR DESCRIPTION

BROWNING AUTOMATIC SHOTGUNS

Each

12 Gauge No. 1 grade. 32 or 30 inch Cockerill Steel Barrel of highest tensil strength. Full choke. Modified choke or cylinder bore in 28 inch. Full choke 30 inch. Finished in oil unless otherwise specified. Matted receiver, English walnut stock and fore end. Stock half pistol grip, length 14¼ inches, drop at heel 2¼ inches, at comb 1¾ inches. Improved safety pushed to safe position from either side of trigger guard. Magazine cut off which permits loaded shell in chamber to be ejected without disturbing shells in magazine. Barrel ring guide forged in one piece with barrel. Double extractors. Weight about 7¾ lbs. $61 00

16 Gauge—No. 1 grade. Same general description as above, except standard barrel in 30 or 28 inch full choke. Modified choke or cylinder bore barrels furnished in 26 inch. Stock dimensions same as 12 gauge. Weight about 7 pounds 65 50

Extra for Raised Matted Rib 9 25

Canvas Cover for Above Gun, No. 75. See Page 143 for Description
Leather Case, No. 35. See Page 142 for Description.

G

WOLVERINE TOYS

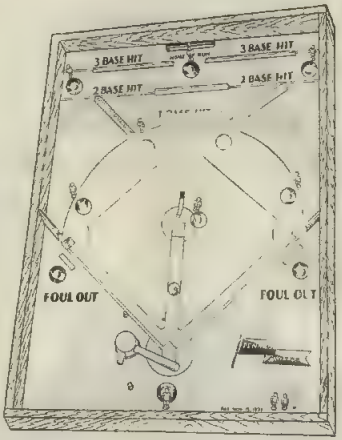
SANDY ANDY MERRY MILLER

A new, fantastic, sand toy with a clever touch of humor. Wheel revolves carrying load of sand while Merry Miller tries to get around corner of house where wife waits with rolling pin.

NO	Ht. In.	Lbs. Doz	DOZEN
77	12	33	..... $12.00

One dozen in a carton.

BASEBALL GAME

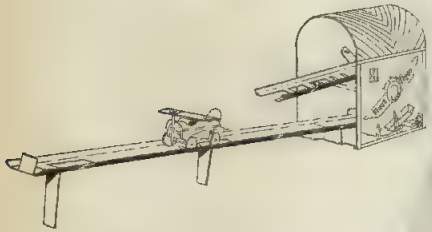


The only miniature baseball game exactly like the national pastime in action and appearance. Pitcher can mix fast and slow balls to outguess batter. Little players actually assist in making put-outs. Ball moves in play. Mahogany finish frame, metal corners.

NO.	Length In.	Width In.	Lbs. Doz	EACH
157	24½	17½	98	$7.50

One half dozen in a carton.

FLEET FLYER

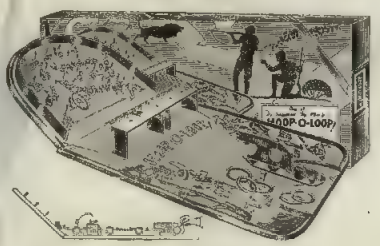


Plane darts out along upper incline, then drops to lower track. It returns back into hangar for another trip.

NO.	Length In.	Ht. In.	Lbs. Doz	DOZEN
26	25	6	26	$12.00

One dozen in a carton.

HOOP-O-LOOP



A novel hunting game. Hoop shot from gun rolls up incline to loop any one of 24 wild animals. Animals are named and numbered.

NO	Length In.	Lbs. Doz.	DOZEN
156	19	24	.. $12.00

One dozen in a carton.

WOLVERINE TOYS G

KIDDIE KAMPERS

Works automatically, continuous action. Two boys on left saw a log. The couple in center chop wood. Girls on right signal with flags.

NO.	Lgth. In.	lb Doz.	DOZEN
86	14	16	$12.00

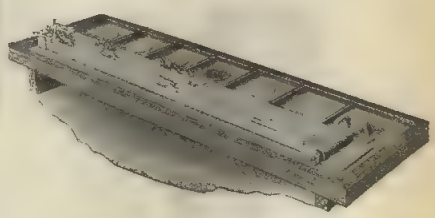
All set up in bright colored box.

FUN FAIR

Six children on see-saw and swings move automatically by counter weight, force is supplied by marbles dropping from top barrel and disappearing into bottom barrel. Double barrel can easily be reversed for continuous action.

NO.	Lgth. In	lb Doz.	DOZEN
85	14	16	$12.00

GEE-WIZ RACE HORSE GAME



A real horse race. By spinning fly wheel with heavy cord, shaft drives steel balls forcibly against horses, advancing them along tracks in thrilling neck to neck contest. Once the game starts, the progress of the horses cannot be controlled.

NO.	Lgth. In.	lb Doz.	DOZEN
40	15⅞	30	$30.00
41		96	12.00

De Luxe Model

Equipped with General Electric motor.

NO.	Lgth. In.	Width In.	Lbs Each	EACH
42	43	13⅜	67	$75.00

One in a carton.

VACUUM CLEANER

Made sturdily, yet light enough for any child. Operating by suction and friction it actually picks up dust, ashes etc. Enameled in rich colors. Bag can be detached.

NO.	Ht. In	lb Doz.	DOZEN
105SA	28½	34	$30.00

G

WOLVERINE TOYS

OVER AND UNDER

Racer shoots down upper incline on to lower track and continues to the end. Then reverses and runs entire length of lower track, where car is raised for another trip. Action repeats about 30 times with one winding

NO.	Lgth In.	lb Doz.	DOZEN
26	25	16	$12.00

One in a box.

ACROSS THE CHANNEL

All the excitement of a swimming contest across the channel. Every movement a thriller. Four swimmers included, also checker boards and check

NO.	Board In.	lb Doz.	DOZEN
39	16¼x16¼	25	$12.00

Packed in individual display boxes

SPEED BOAT RACE

Four speed boats racing over blue waters make this a most thrilling game. Four boats included.

NO.	Board In.	lb Doz.	DOZEN
38	16¼x16¼	25	$12.00

One in a display box.

MOTOR RACE

Four automobiles race around the course, spinning dials controlling the moves. Four automobiles included.

NO.	Board In.	lb Doz	DOZEN
28	16¼x16¼	28	$12.00

One in a display box.

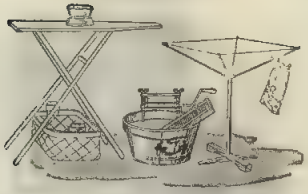
AEROPLANE RACE

Right up to the minute, aeroplanes race around the world; loads of excitement, very instructive; four aeroplanes included. Packed in handsome boxes including checker board and checkers.

NO.	Board In.	lb Doz.	DOZEN
30	16¼x16¼	22	$12.00

WOLVERINE TOYS G

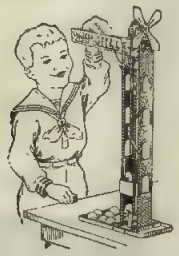
LAUNDRY SET



Contains enamel metal wash tub, clothes reel, glass surface wash board, 12 clothes pins in bag, galvanized wringer with real rubber rollers; clothes basket, ironing board with metal stand, and improved type sad iron.

NO.	Size In. Tub	Size In Washboard	Basket	Board In.	Lb Doz.	DOZEN
3	4¾x10	5¾x11	11¾x7¾x4½	20x16½	84	$39.00
4	4¾x10	5¾x11	11¾x7¾x4½	30x22	132	60.00

BOWLER ANDY MILL



Double-action automobile marble toy. Car travels up and down as windmill turns continually. Sturdily constructed, eight steel marbles included.

NO.	Ht. In.	Lb Doz	DOZEN
57A	21	26	$18.00

One in a box.

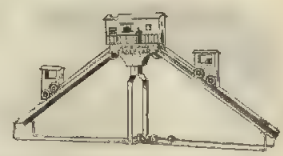
BIZZY ANDY TRIP HAMMER

Automatic marble toy, hammer transfers 6 clay marbles from chute to base with fast snappy action, 6 clay marbles included.

NO.	Lgth. In.	Lb Doz.	DOZEN
56	10½	14	$6.00

One in a box.

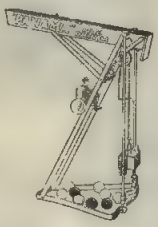
CABLE CAR



Cars dash up and down incline long as there are marbles in tower; all metal, strikingly lithographed.

NO.	Ht. In.	Lb Doz	DOZEN
53	24	25	$12.00

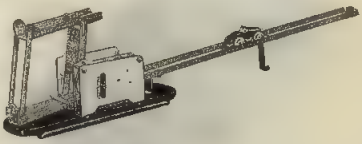
PANAMA PILE DRIVER



Lively, realistic action, hammer and engineer go up and down automatically. Operated by 8 steel marbles.

NO	Lgth In	Lb Doz.	DOZEN
54	16½	26	$15.00

OVER AND UNDER LIFT



Auto is lifted by bridge with jack-knife action, added speed carries it to end of lower track. Car then races back entire length of lower track where bridge elevates it and action is automatically repeated. Powerful motor allows many trips on one winding.

NO.	Ht. In	Lb Doz	DOZEN
32	30½	28	$18.00

One in a box.

SPINNER SNELL ASSORTMENTS

HILDEBRANDT

Hand made, highly polished blades mounted on stainless steel wire.

Used ahead of all casting baits, metal lures, pork rind baits and when casting any kind of live bait.

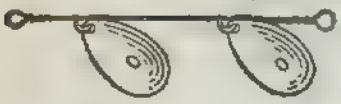
Per Ass't

No. 1HSS—One dozen, no two alike, assorted sizes, shapes and finishes of blades, mounted on 7x 9 in display card..... $6 25

One ass't in cardboard box; wt per ass't ¼ lb.

SPINNERS

SOUTH BEND



Tandem.

Highly polished brass blades, mounted with nickel plated clevis and beads on tinned piano wire.

Per Gro

No. $B0T—Length ½ in.....
No. $B1T—Length ⅝ in.....
No. $B2T—Length ⅞ in.....
No. $B3T—Length 1⅛ ins..... $41 25
No. $B4T—Length 1⅜ ins..... 54 00

Mounted one on card; twelve cards connected; three doz in cardboard box.

SOUTH BEND

Single.

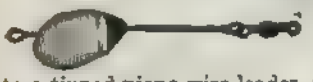
Highly polished brass blades, mounted with nickel plated clevis and beads on tinned piano wire.

Per Gro

No. $B0S—Length blade ½ in.....
No. $B1S—Length blade ⅝ in.....
No. $B2S—Length blade ⅞ in..... $30 00
No. $B3S—Length blade 1⅛ in.....
No. $B4S—Length blade 1⅜ in..... 36 00

Mounted one on card, twelve cards connected; three doz in cardboard box.

SOUTH BEND



Small June Bug.

Blade 1⅛ inches long, attached by substantial brace to a tinned piano wire leader, swivel at one end and improved snap fastener at the other.

Per Doz

No. 22N—Highly buffed, mirror nickel finish and genuine gold nose tip, convex; gold concave with red enamel under wing..... $7 95

Mounted one on perforated card six cards, connected, in cardboard box; wt per doz ½ lb.

SOUTH BEND

Standard June Bug.

Blade 1½ inches long, attached by substantial brace to a tinned piano wire leader, with swivel at one end, and ringed hook at the other.

Per Doz

No. 24N—Highly buffed, mirror nickel finish and genuine gold nose tip, convex; gold concave with red enamel underwing..... $7 95

Mounted one on perforated card, six cards connected, in cardboard box; wt per doz ¾ lb.

WOOD MINNOWS

HEDDON'S DOWAGIAC

Coated with from seven to twelve coats of the special "Dowagiac" porcelain enamel, the number of coats depending upon the style of finish. This enamel is guaranteed against peeling or cracking.

Every metal fitting, including treble hooks, are nickel plated.

Selected cedar chemically treated to prevent absorption of water, and are so weighted as to cause them to run true in water.

GAME FISHER

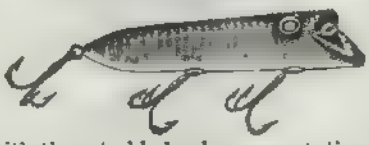
Flexible body. Equipped with two treble hooks, non-rotating hook fasteners and eyes; floats while at rest, draws below the surface in a zig-zagging motion. Length of body 4¼ inches.

Per Doz

No. 5501—Rainbow.....
No. 5502—White, red head and tail.....
No. 5509D—Green scale..... $33 00
No. 5509P—Shiner scale.....
No. 5509M—Pike scale.....

One in cardboard box.

HEAD ON BASSER



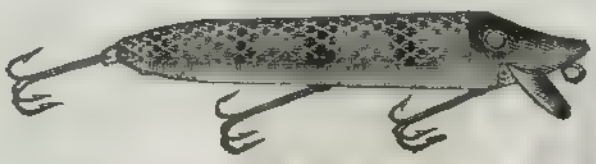
Equipped with three treble hooks, non-rotating hook fasteners and eyes. Darts and swims in an irregular way, very erratic in action but equally positive in results. Will run from one to three feet below the surface when retrieved. Length of body 4¼ inches.

Per Doz

No. 8501—Rainbow.....
No. 8502—White body, red head.....
No. 8509D—Green scale finish..... $26 40
No. 8509M—New Pike, scale finish.....
No. 8509P—Shiner, scale finish.....
No. 8509L—Yellow Perch scale.....

One in cardboard box.

VAMPIRE



Equipped with three treble hooks, non-rotating hook fasteners and eyes. Floats well at rest, and in action has a diving, wiggling and darting motion very like that of a live fish; flat nosed to resemble a baby pike. Length of body 4½ inches.

Per Doz

No. 7500S—White body, red and green spots.....
No. 7501—Rainbow.....
No. 7502—White body, red eyes and tail.....
No. 7509D—Green scale finish.....
No. 7509M—New Pike scale..... $26 40
No. 7509P—New Shiner, scale finish.....
No. 7509R—New Mullet scale.....
No. 7509RH—Silver specked white body, red head.....
No. 7509J—Frog scale.....
No. 7509L—Yellow Perch scale.....

One in cardboard box.

BAIT ASSORTMENTS

HEDDON'S TRUMP CARD LURES

Glittering nickel silver spoon type body and flashing spoons with red and white feather; head on neck construction feature prevents line twisting and gives intense swimming, wobbling action and violent life like kick to pork rine.

Assortment consists of ½ dozen baits, 2 Aces with single hook, 2 Kings with treble hook and 2 Queens with treble hook. Size lithographed display card 9x11 inches. Per Ass't

No. 1AKQ—Wt per ass't 1½ lbs $13 20

One ass't in cardboard box.

HEDDON'S KING & QUEEN

Triple Luring For Casting or Trolling.

Assortment consists of 6 baits, each enameled on under side, brilliant nickel finish on top. Bright red feather attached to hook. These spoon type baits cast like wood minnows, also have a minnow movement when retrieved, no revolving or line twisting. The head and neck feature gives intense swimming and wobbling action with violent life like kick to the pork rind strip. Recommended for all game fish, large and small mouth bass, wall eyed pike, great northern pike or pickerel, musky and lake trout. Designed for use with pork rind strip, but a complete lure. With or without pork rind; 6 baits mounted on attractive cardboard counter display cards as follow:

2—No. 292 King baits, enameled red and white, with treble hooks.
1—No. 299M King, pike scale finish with single hook.
1—No. 299P King, shiner scale finish with single hook.
1—No. 289P Queen, shiner scale finish with single hook.
1—No. 289M Queen, pike scale finish with single hook.

Per Ass't

No. 2KQ—Ass't complete as described $13 20

One ass't in cardboard box; wt per ass't 3¼ lb

TROLLING BAIT

HILDEBRANDT SPINNERS

Single.

No. 0 No. 1 No. 2 No. 3

Hand made, highly polished nickel blades mounted on steel tinned music wire with reversible luga. All baits have snap connections so that any kind of hook, fly or pork rind can be used. Nickel finish.

Standard, Spins at a Medium Distance.

Nos.	0HON	1HON	2HON	3HON	3½HON
Length, ins	1 3/16	1 5/16	1 7/16	1 11/16	2¼
Per Doz		$3 90			6 25

Semi Ell, Spins Very Close.

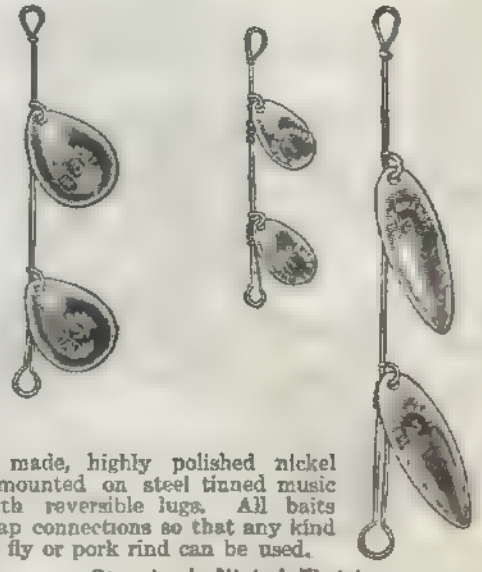
Nos.	00SON	0SON	1SON	2SON	3SON
Length, ins	2 1/4	1¼	1½	1¾	2¼
Per Doz	$6 60	3 90	3 90	3 90	3 90

Idaho, Spins Out Wide.

Nos.	1ION	2ION	3ION	3½ION	4ION
Length, ins	1 7/16	1 5/8	1 13/16	1 3/4	2
Per Doz	$3 90	3 90	3 90	5 25	6 60

One doz in cardboard box; wt per doz 5 ozs.

HILDEBRANDT SPINNERS—Tandem.



Hand made, highly polished nickel blades, mounted on steel tinned music wire with reversible luga. All baits have snap connections so that any kind of hook, fly or pork rind can be used.

Standard, Nickel Finish.
Spins at a Medium Distance.

Nos.	00HON	AHON	BHON	CHON
Length, ins	1 13/16	2⅛	2½	3¼
Per Doz		$6 60		

Idaho, Nickel Finish.
Spins Out Wide.

Nos.	00ION	AION	BION	CION	DION
Length, ins	2	2⅛	2½	2⅞	3¼
Per Doz	$6 60	6 60	6 60	6 60	9 30

One doz in cardboard box; wt per doz 5 ozs.

WOOD MINNOWS

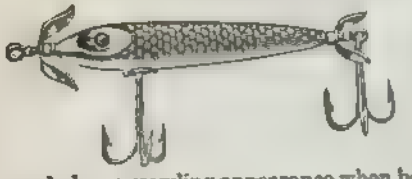
HEDDON'S DOWAGIAC

Fitted with two spinners and three No. 2 extra strong special nickel plated treble hooks. Length of body 2¾ inches.

	Per Doz
No. 100—Fancy green back, white belly **No. 101**—Rainbow **No. 104**—Bright red body	$26 40

One in cardboard box, wt each ⅜ oz.

HEDDON'S TORPEDO BAIT

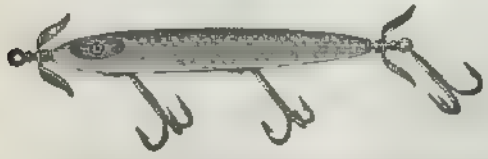


Two treble hooks, non-rotating hook fasteners and two nickel plated spinners. A sinking minnow and a favorite because of the ease with which it may be shot to the mark, has a crawling appearance when being retrieved. Length body 3 inches.

	Per Doz
No. 122—White body, red eyes **No. 129D**—Green scale finish **No. 129M**—Pike scale finish **No. 129P**—Shiner scale finish	$26 40

One in cardboard box; wt each ½ oz.

HEDDON'S TORPEDO BAIT

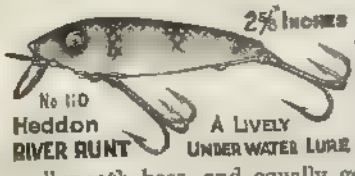


Three treble hooks, non-rotating hook fasteners and two nickel plated spinners. A sinking minnow and a favorite because of the ease with which it may be shot to the mark. Length body 4½ inches.

	Per Doz
No. 132—White body, red eyes **No. 139D**—Green scale finish **No. 139M**—Pike scale finish **No. 139P**—Shiner scale finish	$26 40

One in cardboard box; wt each ¾ oz.

HEDDON'S RIVER RUNT



Select red cedar body, water-proof enamel finish. Equipped with two sets of treble hooks. A small, compact lively lure for light rods. Very effective for river fishing, particularly small-mouth bass, and equally good in other waters for all game fish. A slow sinking bait with attractive wiggling motion. Length over all 2⅝ inches.

	Per Doz
No. 111—Rainbow	$23 70
No. 112—White and red	23 70
No. 119L—Yellow perch scale	23 70

One in cardboard box; wt per doz ½ lb.

WOOD MINNOWS

HEDDON'S TINY TEAZ FLY ROD LURE

Select red cedar body, water-proof enamel finish. Equipped with one double hook. A lively lure of many uses, primarily designed as a fly rod lure for large trout and other game fish and pan fish. Floats; dives when retrieved with lots of action.

Length over all 1¾ inches. Card contains 6 Tiny Teaz minnows one of each as follows:

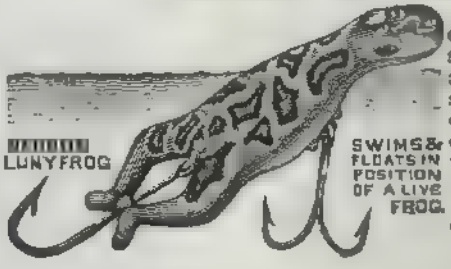
1—No. 81, rainbow.
1—No. 82, white and red.
1—No. 89N, red dace scale.
1—No. 89R, natural scale.
1—No. 89P, shiner scale.
1—No. 89BK, brook trout scale.

	Per Card
No. 1TT—Wt per card 1½ lbs	$9 90

One card in cardboard box.

PYRALIN MINNOWS

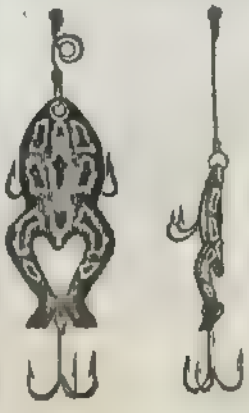
HEDDON'S LUNY FROG



Made of pyralin, equipped with ⅛ single hook at tail and large extra strong treble hook on belly, each placed in the best position to strike fish. Imitation frog bait having all the elements which has made wooden baits popular. When at rest in water it stands in the same position as a live frog, when retrieved it dives and has a good swimming movement. Length body 4¼ inches.

	Per Doz
No. 3509BB—Meadow frog finish	$33 00
No. 3509B—Green frog finish	33 00

One in cardboard box; wt per doz 9 ozs.



HEDDON'S

Metal spoon like, frog shaped bait which sinks slowly, has a very alluring and attractive wriggling motion. Effective spoon like action without revolving and line twisting. Travels close to the surface with ordinary retrieving, body hooks uppermost. Can be sent close to bottom for big ones, by slow retrieving. Length over all 3 inches.

	Per Doz
No. 3200—Nickel plated body **No. 3202**—White and red striped body **No. 3209B**—Green frog body	$26 40

One in cardboard box; wt per doz 1 lb.

WOOD MINNOWS

HEDDON'S DOWAGIAC BABY GAME FISHER

Flexible body. Two treble hooks, non-rotating hook fasteners. Length of body 3¾ inches.

	Per Doz
No. 5401—Rainbow	$31 35
No. 5402—Red and white, baby game fisher	
No. 5409D—Green scale	

One in cardboard box; wt each ½ oz.

HEDDON'S DOWAGIAC

Treble hook on bottom and tail, non-rotating hook fasteners. Length of body 3 inches.

	Per Doz
No. 502RH—White body and red head	$26 40
No. 508—Gold Flitter	

One in cardboard box; wt each ½ oz.

Treble hook on bottom and tail, non-rotating hook fasteners. Length of body 3½ inches.

	Per Doz
No. 608RH—Gold Flitter and red head	$26 40

One in cardboard box; wt each ¾ oz.

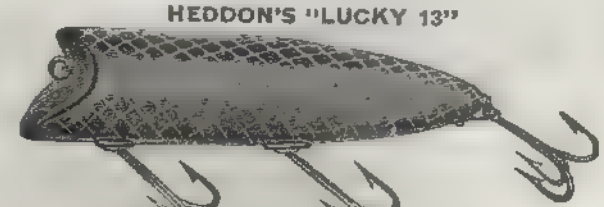
HEDDON'S BABY VAMP MINNOW

Two treble hooks, non-rotating hook fasteners and eyes. Has the same active swimming movement resembling that of a pipe minnow. Length 8½ inches.

	Per Doz
No. 7400S—White body, red and green spots	$26 40
No. 7401—Rainbow	
No. 7402—White body, red eyes and tail	
No. 7409D—Green scale	
No. 7409M—Pike scale, baby vamp	
No. 7409P—Shiner scale	
No. 7409R—Mullet scale, baby vamp	

One in cardboard box; wt each ½ oz.

HEDDON'S "LUCKY 13"



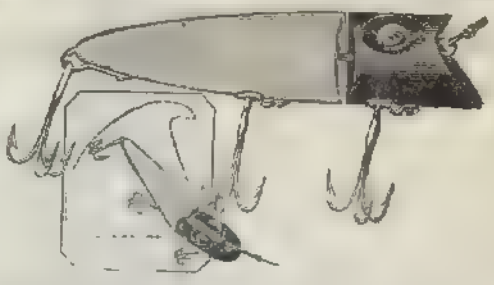
Two treble hooks. Casts straight and true and floats on the surface until retrieved. Under the line pull it drops to an average depth of eighteen inches below surface and comes in with an undulating, weaving motion, interrupted by short, quick darts that excites the curiosity of any bass in the vicinity. Length 3⅞ inches.

	Per Doz
No. 2502—White body, red head	$26 40
No. 2509D—Green scale finish	
No. 2509J—Frog scale finish	
No. 2509P—Shiner scale finish	
No. 2509L—Yellow perch, scale finish	
No. 2509JRH—Frog scale, red head	

One in cardboard box; wt each ⅝ oz.

WOOD MINNOWS

HEDDON'S DOWAGIAC HEDDON'S ZIG-WAG, MARVELOUS ACTION

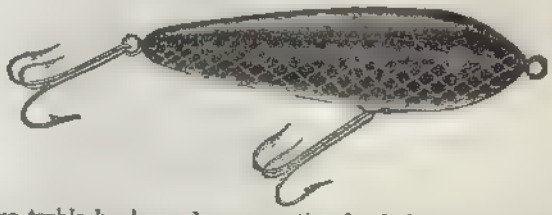


Three treble hooks and non-rotating fastener and eyes. This new lure has a unique duplex movement, a wide erratic sweeping action, cutting the water in unexpected angles and zigzags that seem to hunt out the hiding places of the fish. The tail section keeps up its fish like fanning movement in sinuous curves as if alive. Length body 4¼ inches.

	Per Doz
No. 8302—White body, red head	$33 00
No. 8309D—Green scale body	
No. 8309P—Shiner scale	
No. 8309M—Pike scale	

One in cardboard box; wt per doz 9 ozs.

HEDDON'S ZARAGOSA

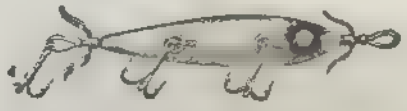


Two treble hooks and non-rotating hook fasteners. Floats when at rest. Length body 4¾ inches.

	Floats Per Doz
No. 6502—White and red	$26 40
No. 6509D—Green scale	
No. 6509J—Frog scale	
No. 6509P—Shiner scale	

One in cardboard box; wt each ½ oz.

HEDDON'S DOWAGIAC



Two spinners and five No. 2 extra strong special nicke plated treble hooks. Length of body 3¾ inches.

	Per Doz
No. 150—Fancy green back, white belly	$26 40
No. 151—Rainbow	
No. 152—White body, red eyes	
No. 153—Bright aluminum and silver gray finish	
No. 154—Bright red body	
No. 157—Sienna yellow	
No. 159—Silver white	
No. 159A—Yellow perch	
No. 159B—Frog colors	
No. 159D—Scale finish	
No. 159P—New shiner, scale finish	
No. 159L—Scale finish, yellow perch	
No. 159K—Goldfish scale	
No. 159J—Frog, scale finish	
No. 159H—Reg scale finish	

One in cardboard box; wt each ¾ oz.

BICYCLE BELLS

ASSORTMENTS

Fancy designs in colors. Best cast bell metal, strong and durable, with screw clamp.

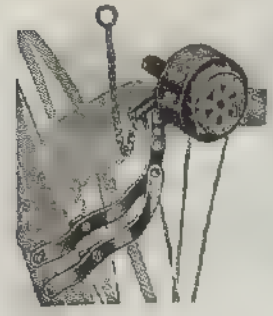
Assorted designs and finishes, diameter 2½ inches.

Per Doz Assorted

No. 25M—Ass't consists of twelve bells, two of each design.....$10 65

One ass't in carton; wt per ass't about 4 lbs.

SIRENS



WILD CAT

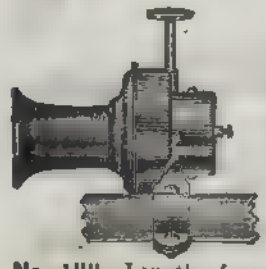
Nickel plated steel case and brackets. Designed for attaching to side or front fork, operating directly against top of tire, giving a loud shrill sound. Complete with fork clips, bolts, nuts and 15 inches of chain.

Per Doz

No. 25—Diam case 3 ins.....$29 40

Two in cardboard box; wt per doz 15 lbs

BICYCLE HORNS



Similar in construction and appearance to an automobile horn. Produces a clear and effective warning sound. Intended for bicycles and light weight motorcycles.

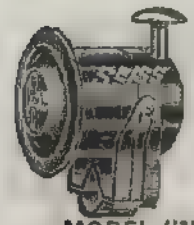
The tone can be adjusted to suit operator.

Full black enameled case, with bright steel bracket and pin.

Per Doz

No. 1HH—Length of projector 2½ ins; length over all 5 ins; diam bell 2½ ins.....$47 40

One in cardboard box; wt per doz 18 lbs.



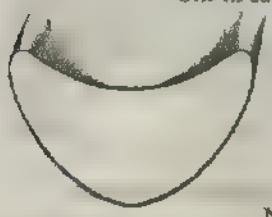
SEISS

One stroke of the plunger obtains double action; continued strokes produce uninterrupted signal. The patented sector rack actuated by a plunger revolves rotor discs and reverses it against anvil. Simple, effective, strong, durable and light. No nickel parts except plunger, no parts exposed to rust. Heat baked enameled finish.

MODEL "NB"—BLACK ENAMEL FINISH Per Doz

No. 1NB—Size 3½x4½ ins.....$24 00

One in carton; wt per doz 9 lbs.



BICYCLE RIMS

WOOD

For cemented tires, single piece thoroughly seasoned hard maple wood. For 28x1½ or 1⅝ inch tires.

Natural finish. Front and Rear Wheels Per Doz Rims

No. 1NF-26—Bored 28 holes; for 26 in. tires.....$36 00
No. 1NF-28—Bored 36 holes; for 28 in. tires.....37 95

Packed loose; average wt per doz 18 lbs.

BICYCLE RIMS

STEEL

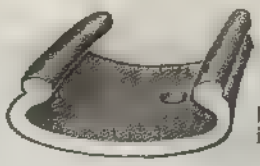
Cement Type.

For single tube tires; best grade steel; black enameled. For 28x1½ or 1⅝ inch tires.

Per Doz Rims

No. 1S—Front and rear wheels, bored 36 holes.....$23 40

Packed loose; average wt per doz pairs 35 lbs.



STEEL

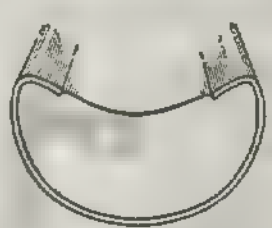
G. & J. Type.

For clincher tires; best grade steel; black enameled. For 28x1½ or 1⅝ inch tires.

Per Doz Rims

No. 1SC—Front and rear wheels, bored 36 holes.....$24 60

Packed loose; average wt per doz pairs 30 lbs.



LOBDELL

A strong resilient bicycle rim of straight grain hard rock maple, bent and jointed with a lap joint 3 inches long, reinforced with an armor of light weight high carbon steel, nickel plated. The bright nickel finish harmonizes with every color scheme and can be used for 1⅜, 1⅝ and 1¾ inch tires.

Per Pair

No. NPA26—Size 26 ins.....$6 60
No. NPA28—Size 28 ins.....6 60

Packed loose; wt per pr 3 lbs.

BUILT UP BICYCLE WHEELS

All built up bicycle wheels are equipped with New Departure hub both front and rear.

For bicycles. Includes axles, cups and cones, but no tires; front hubs have 32 spokes; rear hubs have 36 spokes; sprocket wheel has 9 teeth.

For 24, 26 and 28 inch tires.

Equipped with Cement Rims.

Front; natural finish rims.

Each

No. 1FP-26—Size 26 in.....$7 95
No. 1FP-28—Size 28 in.....7 95
No. 2RP-28—Rear; natural finish rims.....12 00

Equipped with G. & J. Rims. Each

No. 01FF-28—Front; natural finish.....$8 55

Cement Rims, With New Departure Brake.

Complete with axles, cups and cones; 36 spokes; sprocket wheel has 9 teeth. For 28 inch tires. **Prices do not include tires.**

Rear; natural finish rims.

Each

No. 8RPB-26—Size 26 in.....$21 75
No. 8RPB-28—Size 28 in.....21 75

G. & J. Rims.

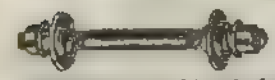
G. & J. Rims, with New Departure Brake. Each

No. 08RPB-28—Rear wheel, natural finish arms.....$22 50

Packed loose.

BICYCLE SUNDRIES

AXLE SETS



Steel; made in sizes to fit both front or rear hubs and the cones have adjustable flanges; will fit practically any bicycle hub. Complete with two adjustable cones, two nickel plated nuts and washers all assembled.

Per Doz Sets

No. 1FAS—Front 5/16 in, 4 1/2 ins long; wt per doz sets 2 1/4 lbs.....$4 20
No. 2RAS—Rear 3/8 in, 6 ins long; wt per doz sets 3 1/4 lbs..... 4 95

Packed loose.

AXLE NUTS

Hexagon, machined turned, nickel plated and polished.

Per 100

No. 1FAN—Front, 5/16 in.....$5 70
No. 1RAN—Rear, 3/8 in..... 6 30

100 in cardboard box; wt per 100 about 1/4 lb.

REPAIR FORKS

Steel tubing; brazed and filed. Made to fit any size bicycle, whether 20, 22 or 24 inch frame.

Stems are 9 inches long; 1 inch in diameter; threaded 24 threads to the inch for 5 1/2 inches.

Each

No. 10BE—Black enameled.....$6 00

Packed loose; wt each 2 lbs.

HANDLE BAR STEMS

Extension.

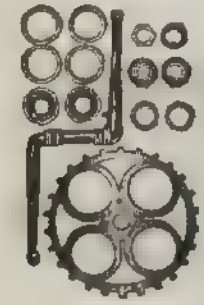
Forged top, tube stem nickel plated.

Per Doz

No. 1HBS—2 3/4 in. forward extension 7/8 in. stem, 4 1/2 ins long; with hole for 1/2 in. bar top, with 1 in. ferrule.....$16 50

Wrapped separately in paper; wt per doz 9 lbs.

REPAIR HANGERS



High grade one piece crank hanger with fittings complete; all parts heavily nickel plated and polished; tapped for pedal shaft. Complete with balls, ball retainers, key washer and lock nut.

Each

No. 2RFH—26 tooth removable sprocket; crank shaft 8 1/4 ins from sprocket to adjusting lock nut; cups 25/32 of an inch in diam, also two sets of bushings to make cups 1 25/32 and 2 1/32 ins. in diam.....$14 25

One in cardboard box; wt each about 5 lbs.

REPAIR CRANK

Drop forged one piece steel crank carefully hardened, nickel plated and highly polished.

Per Doz

No. 1RC—Length 7 1/2 ins; tapped to fit pedal; 20 thread.....$63 00

Packed loose; wt per doz about 24 lbs.

BICYCLE STANDS

Constructed out of channel steel, except the upper parts which are made out of stampings in such a form that any padlock can be used to secure the bicycle for safety.

Nickel Plated, Satin Finish.

Per Doz

No. 62-26—For 26 in wheels.....$9 45
No. 62-28—For 28 in wheels..... 9 45

Packed loose; wt per doz about 24 lbs.

BICYCLE SUNDRIES

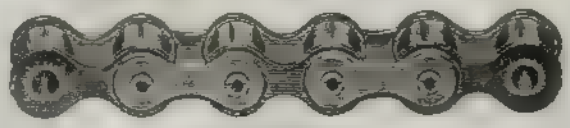
DIAMOND, BICYCLE CHAINS

Twin Roller.

One inch pitch; 1/8 inches wide; 56 links; rollers .825 inch diameter ground to size; pin diameter .141 inch; inside plates polished and blued; pin plates polished and straw colored. Made with one removable link for purpose of repairs. All other links riveted. Length over all 56 inches.

No......061
1 to 9, Each.....$2 49
10 to 49, Each..... 2 34
50 or more, Each..... 2 28

One in cardboard box; wt per doz 18 lbs.



Single Roller.

One half inch pitch; 5/64 inches wide; 56 links; rollers .306 inch diameter ground to size; pin diameter .141 inch; inside plates polished and blued; pin plates polished and straw colored. Made with one removable link for purpose of repairs. All other links riveted. Length over all 56 inches.

No......065
1 to 9, Each.....$2 97
10 to 49, Each..... 2 82
50 or more, Each..... 2 67

One in cardboard box; wt per doz 18 lbs.

REPAIR LINKS FOR DIAMOND BICYCLE CHAINS

Per Box of 20 — Per Carton of 200

No. 61RL—Snap on side plates and rivet links, for Nos. 61 and 65 roller chains; for black chains Nos. 9 and 103; 1/4 in.....$1 50 — 13 50

20 in cardboard box; wt per hundred 1 1/2 lbs

Per Box of 20 — Per Carton of 200

No. 61RRL—Clamp on side and roller link, for No. 61 roller chain...$1 50 — 13 50

20 in cardboard box; wt per hundred 1 1/4 lbs.

CHAIN ADJUSTERS

Standard Size.

Per Doz Pair

No. 1CA—Nickel plated and highly polished.....$4 80

100 pairs in cardboard box; wt per doz pairs about 3/4 lbs.

CYCLOMETERS

Dust and water proof and will not skip, neither will they register too much. The crystals are clear and thick. When in use the record can be read easily from the saddle. Registers mileage up to 10,000, then automatically commences again; can be attached to any bicycle.

Per Doz

No. 1VR—Full nickel plated.....$39 60

One in cardboard box; wt per doz 1 1/2 lbs.

TROUSER GUARDS

Per Doz Pair

No. 1—Corrugated enameled spring tempered steel; easily adjusted and will not slip.....$1 26

Three doz in cardboard box; wt per doz pairs 1/2 lb.

WRENCH PARTS

CRESCENT

Size, in.	4	6	8	10
Jaws, each	$0 25	25	30	40
Knurls, each	10	10	12	15
Pins, each	05	05	05	05

Size, in.	12	15	18
Jaws, each	$0 60	85	1 15
Knurls, each	25	35	55
Pins, each	10	10	10

ASSORTMENTS

Put up in a cardboard compartment box, 4½x6¼x1½ inches, and consists of the following repairs for Crescent wrenches:

Jaws—2, 4-inch; 5, 6-inch; 4, 8-inch; 2, 10-inch; 1, 12-inch.

Knurls—2, 4-inch; 3, 6-inch; 4, 8-inch; 2 10-inch; 1, 12-inch.

Pins—2, 4-inch; 3, 6-inch; 3, 8-inch; 2, 10-inch; 1, 12-inch.

Springs—2, 4-inch; 3, 6-inch; 3, 8-inch; 3, 10-inch; 2, 12-inch.

Crescent Parts Assortment. Wt. each, 2¼ lbs. .....Assortment **$7 50**

WRENCHES

GENUINE WESCOTT

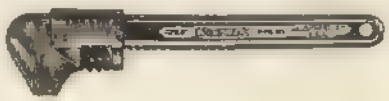
Adjustable "S" pattern; malleable handle; forged steel jaw.

Length, in.	8	10
Opens, in.	1	1¾
Wt. doz., lbs.	11	19½
Doz.	$14 00	16 00

Half dozen in a box.

AUTOMOBILE

CRESCENT



No. 019. Made of special analysis steel, hardened and oil tempered, hand polished; 9 inches long; capacity fully open, 3 inches; length of jaw, 1⅛ inches. Wt. doz., 10½ lbs..Dozen **$9 00**

No. 0111. 11 inches long. Wt. doz., 18½ lbs. .....Dozen **$15 00**

One in a carton.

THE SEXTO-RENCH

Six nickel plated double end wrenches, handling 12 sizes, 7/32, ¼, 9/32, 5/16, 11/32, ⅜, 13/32, 7/16, 15/32, ½, 17/32, 9/16. Knurled head thumb screw holds them together

Sexto Rench Set. Wt. Set, ¼ lb. .....Set **$0 95**

One in a carton.

WRENCHES

STRUCTURAL

Unfinished; Hardened; Straight Opening.

The tang is for bringing bolt holes into line and for insertion into convenient openings when wrench is not in use, preventing loss and keeping tool in sight; offset in handle provides for clearance of obstructions and safety for the hands of operator; milled; heads not ground.

No 905. For U. S. Standard Nut for ½ inch bolt: opening 29/32 inch length 11 inches; thickness of head ½ inch; handle offset 1 inch. Wt. ea., 1⅛ lb. .....Each **$0 95**

No. 907. For U. S. Standard Nut for ⅝ inch bolt; opening 1 7/64 inches, length 13 inches, thickness of head 9/16 inch; handle offset 1⅜ inches. Wt. ea. 1¾ lbs. .....Each **$1 35**

No. 908. For U. S. Standard Nut for ¾ inch bolt; opening 1 19/64 inches, length 15 inches, thickness of head ⅝ inch; handle offset 1¼ inches. Wt. each, 2½ lbs. .....Each **$1 80**

No. 909. For U. S. Standard Nut for ⅞ inch bolt; opening 1½ inches, length 17 inches; thickness of head 11/16 inch; handle offset 1 5/16 inches. Wt. ea., 3½ lbs..Each **$2 55**

No. 910. For U. S. Standard Nut for 1 inch bolt; opening 1 11/16 inches; length 19 inches; thickness of head ¾ inch; handle offset 1⅜ inches. Wt. ea., 5 lbs.....Each **$3 50**

PIPE WRENCHES

CHAMPION CHAIN

The chain swings from the center, either way, between double jaws; a double wrench, always right side up.

Nos.	2	3	4
Takes iron pipe, in...	¼ to 2½	¾ to 6	1½ to 8
Length, in..	28	38¼	50½
Wt. ea. lbs..	9	17½	32
Each.....	$5 00	7 00	11 00

PIPE WRENCHES

TRIMO

Steel Handles

Drop forged from selected steel; parts, interchangeable; inserted jaws in handles can be replaced when dull or worn; nut guards which prevent accidental rotation of adjusting nuts while in use

Length, in.	6	8	10
Grips pipe, in.	⅛ to ½	⅛ to ¾	⅛ to 1
Wt. each, lbs.	½	¾	1½
Each	$1 90	2 20	2 85

Length, in.	14	18
Grips pipe, in.	¼ to 1½	¼ to 2
Wt. each, lbs.	3	5
Each	$3 85	5 50

Length, ins.	24	36	48
Grips pipe, in.	¼ to 2½	⅛ to 3½	1 to 5
Wt. each, lbs.	8½	16¾	24
Each	$8 50	15 00	25 00

6 to 18 in., 6 in a box: larger, loose

PARTS FOR TRIMO WRENCHES

Length, in.	6	8	10	14
Movable jaws, Each	$0 65	70	1 10	1 50
Nuts, each	15	15	20	30
Insert jaw, each	50	55	65	85
Frame and Pin Each	45	55	70	80

Length, in.	18	24	36
Movable jaw	Each $2 15	3 50	5 70
Nut	Each	35	55	1 10
Insert jaw	Each	95	1 10	1 50
Frame and pin	Each	95	1 75	2 75

Length, in.	48
Movable jaw	Each $9 00
Nut	Each $2 00
Insert jaw	Each $2 00
Frame and Pin	Each $3 50

STILLSON PATTERN

6 to 14 Inch, Wood Handles

Length, in.	6	8
Grips pipe, in.	⅛ to ½	⅛ to ¾
Wt. each, lbs.	½	⅞
Each	$2 00	2 30

Length, in.	10	14
Grips pipe, in.	⅛ to 1	¼ to 1½
Wt. each, lbs.	1½	2¾
Each	$3 15	4 25

18 to 36 Inch, Steel Handles

Length, in.	18	24
Grips pipe, in.	¼ to 2	¼ to 2½
Wt. each, lbs.	4½	8
Each	$5 50	8 50

Length, in.	36	48
Grips pipe, in.	½ to 3½	1 to 5
Wt. each, lbs.	15	25
Each	$15 00	25 00

6 to 18 in., 6 in a box; others, loose

PARTS FOR STILLSON PATTERN

Length, in.	6	8	10	14
Jaw Each	$0 65	70	1 10	1 50
Nut Each	15	15	20	30
Frame Each	42	52	66	76
Frame pin Each	03	03	04	04
Springs Each	10	10	10	10
End Nuts Each	15	15	20	20

Length, in.	18	24	36
Jaw Each	$2 15	3 50	5 70
Nut Each	35	55	1 10
Frame Each	91	1 71	2 70
Frame pin Each	04	04	05
Springs Each	10	11	13
End nuts Each	20	—	—

Length, in.	48
Jaw Each	$9 00
Nut Each	$2 00
Frame Each	3 45
Frame pin Each	05
Springs Each	13

WRIGHT & DITSON GOLF CLUBS

Paramount Driver

Paramount Brassie

Paramount Spoon

PARAMOUNT WOOD CLUBS WITH BRISTOL STEEL SHAFTS

Each

Paramount of Premier Wood Clubs with Bristol Steel Shafts. Heads made of best Persimmon with stained head with striped finish. Seamless steel shaft with selected leather grips. Made in Driver, Brassie or Spoon, assorted models. Supplied in right and left hand in men's and ladies' right hand models. Fibre slip on Driver. Brass slip on Brassie and Spoon. Exceptionally fine clubs at a moderate price..... $5 00

Bee Line Driver

Bee Line Brassie

Bee Line Spoon

BEE LINE WOOD CLUBS WITH HICKORY SHAFTS

Each

Bee Line Wood Clubs with Hickory Shafts. Heads made of Persimmon in solid color stain with natural stripe. Selected model best suited to the average player. Hickory shafts, leather grips, lead back. Fibre slip on Driver; brass sole plate on Brassie and Spoon. Made in right and left hand men's models..... $3 50

St. Andrews Driver

St. Andrews Brassie

St. Andrews Spoon

ST. ANDREWS WOOD CLUBS WITH HICKORY SHAFTS

Each

St. Andrews Wood Clubs with Hickory Shafts. Solid Persimmon heads. Plain mahogany stained. Good quality hickory shafts, leather grips. Lead weight in back. Made in right and left hand men's models also in right hand ladies' models. A very satisfactory club..... $1 75

WRIGHT & DITSON GOLF CLUBS

BRISTOL STEEL-SHAFTED RECORD WOOD CLUBS

Showing top and side views of No. Y1000 Driver

Showing top and side views of No. Y1000 Brassie

Showing top and side views of No. Y1000 Spoon

These clubs are supplied only with steel shafts and in two distinctive models. Heads made of selected Persimmon in solid mahogany finish. Patented brass backs, half metal sole plate and with fibre bull's eye faces (Patented Jan. 26 1926). Faces made in an attractive combination of colors, with a distinguishing color combination for each Driver, Brassie and Spoon. Long, selected calfskin grips.

	Each
No. Y1000. Medium long lie; medium deep, bulged face. Made in right hand models for men only. Driver, Brassie and Spoon	$8 50

GEORGE WRIGHT AUTOGRAPH IRONS

The George Wright Autograph Irons are of excellent model and make-up. The heads are of mild English steel, chromium plated and marked with the "Sweet Spot." The shafts are of finest quality steel, chromium finished, with 5-inch black fibre collar at hosel. Long calfskin grips with knob end. Supplied in men's right and left hand models.

	Each
George Wright Autograph Irons	$7 00

No. G1
Driving Iron

No. G2
Mid Iron

No. G3
Mid Mashie

No. G4
Mashie Iron

No. G5
Mashie

No. G6
Mashie Niblic

No. G7
Pitcher

No. G8
Sky Iron

No. G16
Mashie Niblic Offset

No. G17
Pitcher Offset

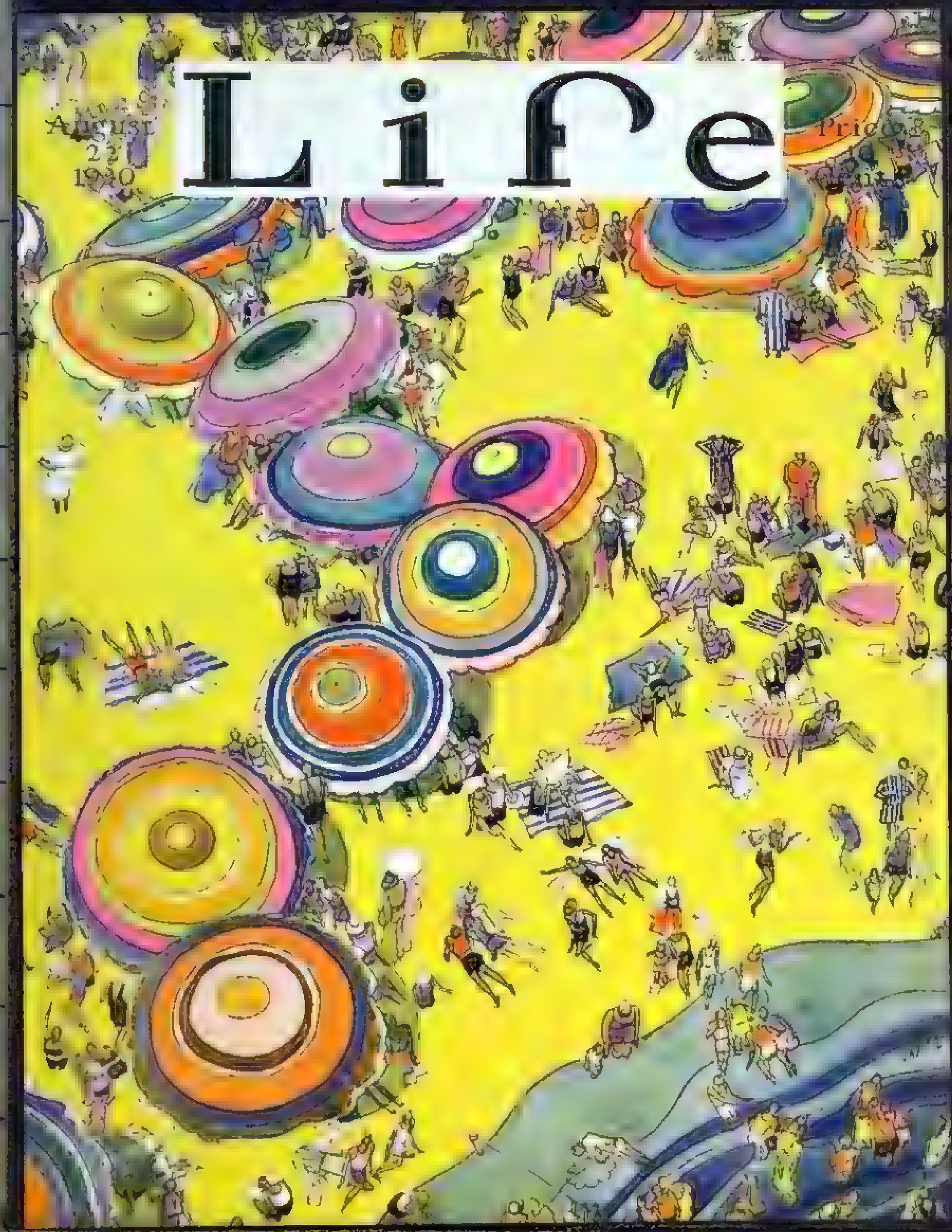
No. G19
Niblic Offset

No. GRF
Putter

GEORGE WRIGHT AUTOGRAPH IRONS — In Registered Sets

The George Wright Autograph Registered Set Irons, like the Wood Clubs are of the same excellence of model and make-up. Perfectly matched so that they bear the proper relationship to each other in weight, length and feel. Each set is registered by number when made. Exact duplicates can be procured at any time by sending set number and club number.

	Each
No. 9GS. Complete set of nine Steel Shaft Clubs in following models: G1, G2, G3, G4, G5, G6, G7, G19, GRF	$67 50
No. 6GS. Complete set of six Steel Shaft Clubs in following models: G2, G3, G4, G5, G6, G19	45 00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No. 01 THE ENGLISH POTTERY SERIES

Original Ralph Wood and Whieldon Pottery Models, Staffordshire, 1740-1775

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Our permanent collection includes as well many fine examples in old English pottery by other XVIII^th Century master craftsmen — Astbury, Twyford, J. Vovez and Felix Pratt

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WHOLESALE DEPARTMENT
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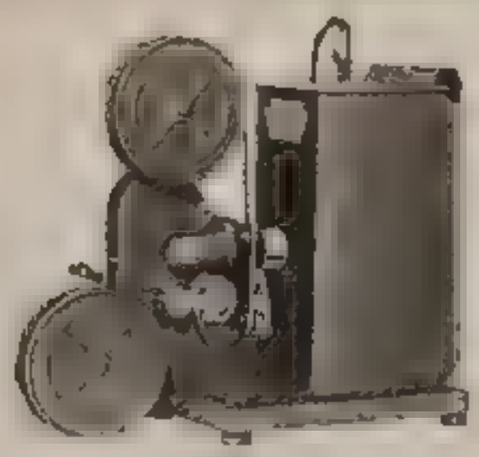
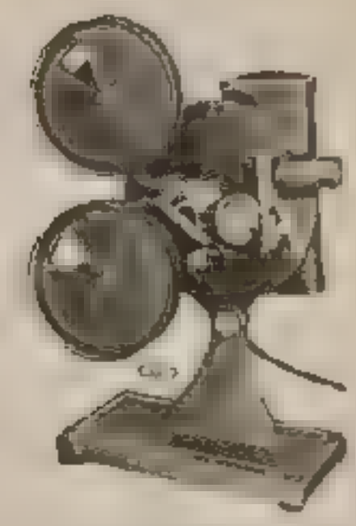
SUMMER SHOP
SOUTHAMPTON, LONG ISLAND



KINESCOPE
(16 mm.)

KINESCOPE
(16 mm.)



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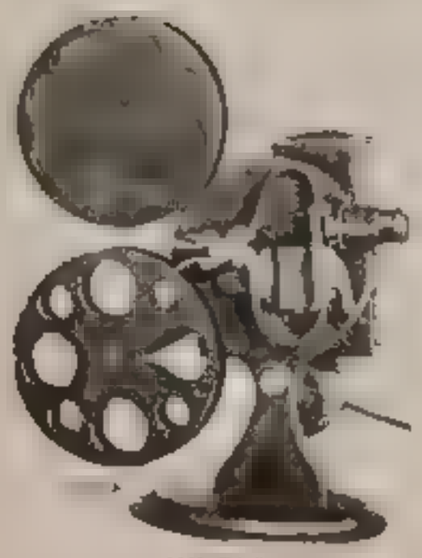

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Follow the Keystone Line

KINESCOPE—16 MM.
For 16-Millimeter Film

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For Regular Standard (35-mm.)

RADIOPTICANS
For Still Pictures

MAGIC LANTERNS
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SAFETY FILMS
16-mm.—35-mm. Complete Stories

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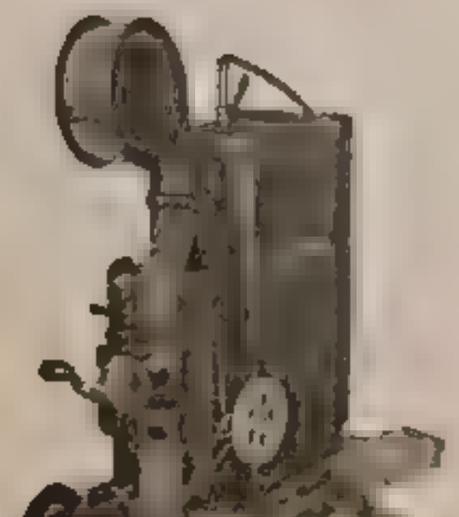
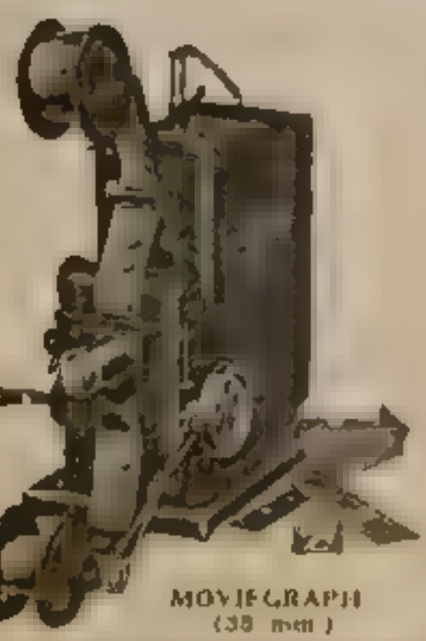


MOVIEGRAPH
(35 mm.)

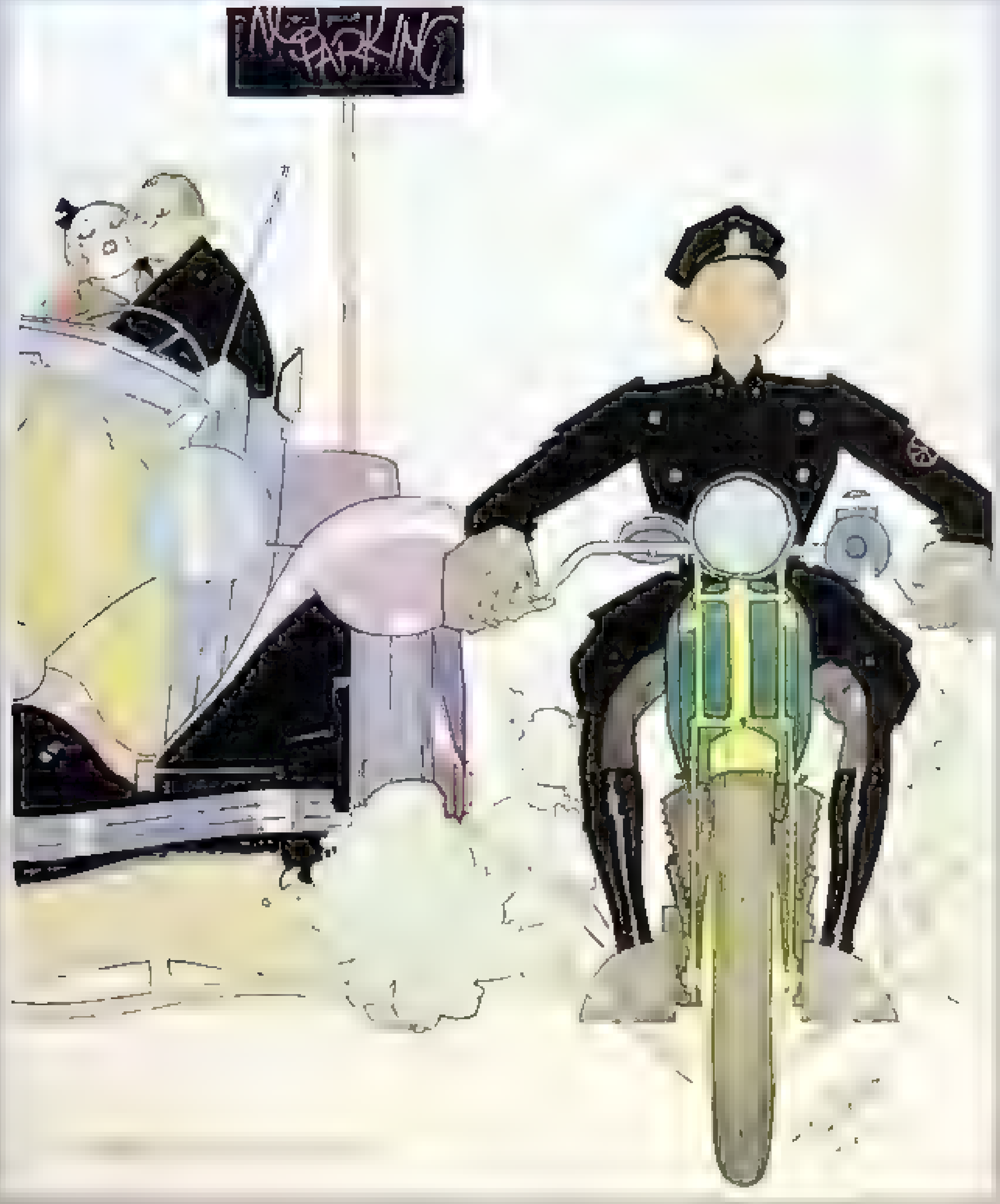


MOVIEGRAPH
(35 mm.)

RADIOPTICAN

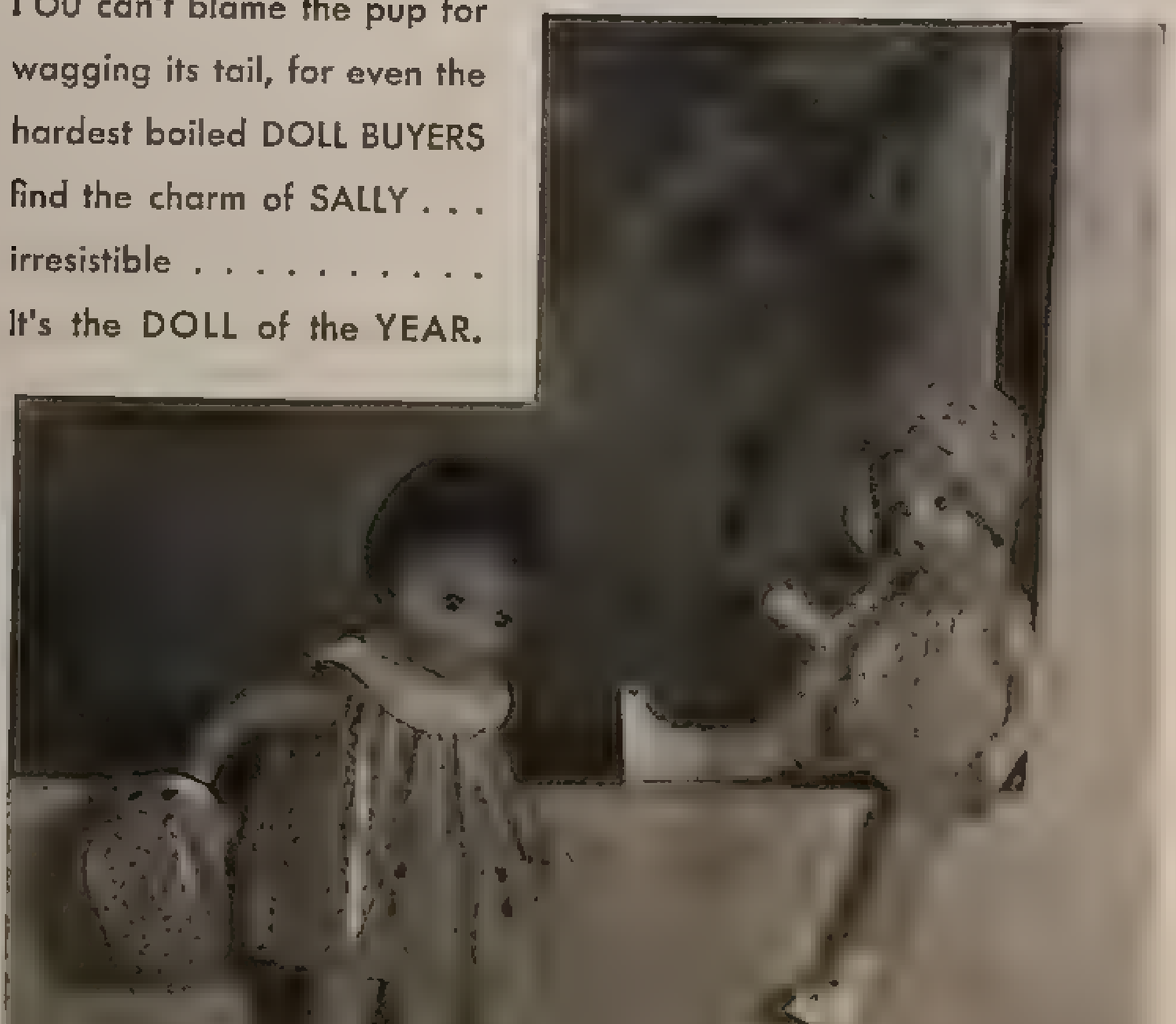
ALL THE JOKES IN THIS NUMBER EXPLAINED

Life



EVERYBODY WANTS TO BE FRIENDS WITH SALLY

YOU can't blame the pup for wagging its tail, for even the hardest boiled DOLL BUYERS find the charm of SALLY . . . irresistible . . . . . It's the DOLL of the YEAR.



AMERICAN CHARACTER DOLL CO., inc.

20 EAST 17TH STREET **NEW YORK CITY**

SALLY

is teaching retailers how easy it is to sell this clever

PETITE DOLL

Just as surely as 2 plus 2 are four, Sally is creating a furore among doll buyers.

She's a modern doll for modern children!

Sally has won all health and beauty prizes of the season —she stands alone, is non-breakable, and by far the best-dressed doll in town . . . And above all she's PRICED for easy selling.

AMERICAN CHARACTER DOLL CO., INC.
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The Result

(Universal Gearless Talker)
$400.00

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B Projector (Use A.C. or D.C. Volt) $115.00

B Projector (with motor)
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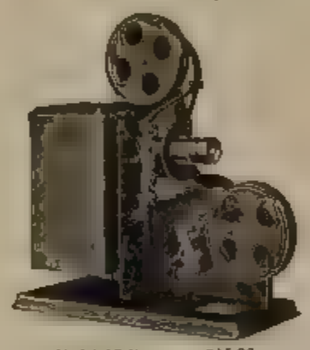
Now— 16MM PRECISION – QUALITY $7.50 to

Model 75 Projector $7.50
Model 10 (Black Crackle Finish and Leather Bound) $10.00



Model 15 Projector $15.00

DEVELOPED AND PRODUCED IN THE SAME FACTORY BY THE SAME ENGINEERS AND LABOR AS THE HIGHER PRICED DEVRY PRODUCTS

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GUARANTEED TOY PROJECTORS $35.50 Retail

Model 22 Projector, $22.50

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(With one 100 ft. reel)

Q·R·S TOY PROJECTORS USE THE 16MM NON-INFLAMMABLE FILM —UNLIMITED VARIETY—MODERATE PRICE

Corporation *(Established 1900)*

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Make sure it's a Lionel, boys, if you want the best. They're real trains—the swiftest, handsomest, most powerful model electric railroads in the world

LIONEL
ELECTRIC TRAINS

NEW *American Flyer* Trains!

—years ahead in remarkable new features

NOW! A model line of new American Flyers, including new steam and electric type locomotives that will not pull all others—nine hi-speed trains—nicely designed and larger cars—new railroad equipment items—and many other features never put in miniature trains before. These new American Flyer Trains and Equipment add tremendously to the fun possibilities of miniature railroading.

Just Like The Big Trains

American Flyers are actual reproductions of modern American Trains—European design has never been used. American Flyers are *real* in every detail of design, appearance and thrilling performance. They are sturdily constructed and will furnish fun for years. With American Flyer Trains and Equipment it is now possible for you to duplicate actual operating conditions of real railroads.

Choice of 7½ Million Boys

Over 7½ million proud and happy owners testify to American Flyer leadership. These alert and discriminating boys have chosen the American Flyer because of some of the following exclusive features:

1—The most powerful ... motors ... both steam and electric types.
2—Triple Action reverse on all ... locomotives.
3—Automatic stopping by ... buttons.
4—Last coach of each ... with ... lamps ... window frames and ... lamps.
5—The longest, heaviest and the fastest tracking freight cars ...
6—High speed car trucks.
7—Remote-control track switches.
8—More realistic bridges, stations, tunnels and action for equipment.

Only American Flyer gives you all these features at no extra cost.

More For Your Money

You get more for your money in features, size, detail, and in lot of number of pieces included in a train set, when you buy an American Flyer. Be sure you get one this Christmas. Your Dad, too, will enjoy railroading.

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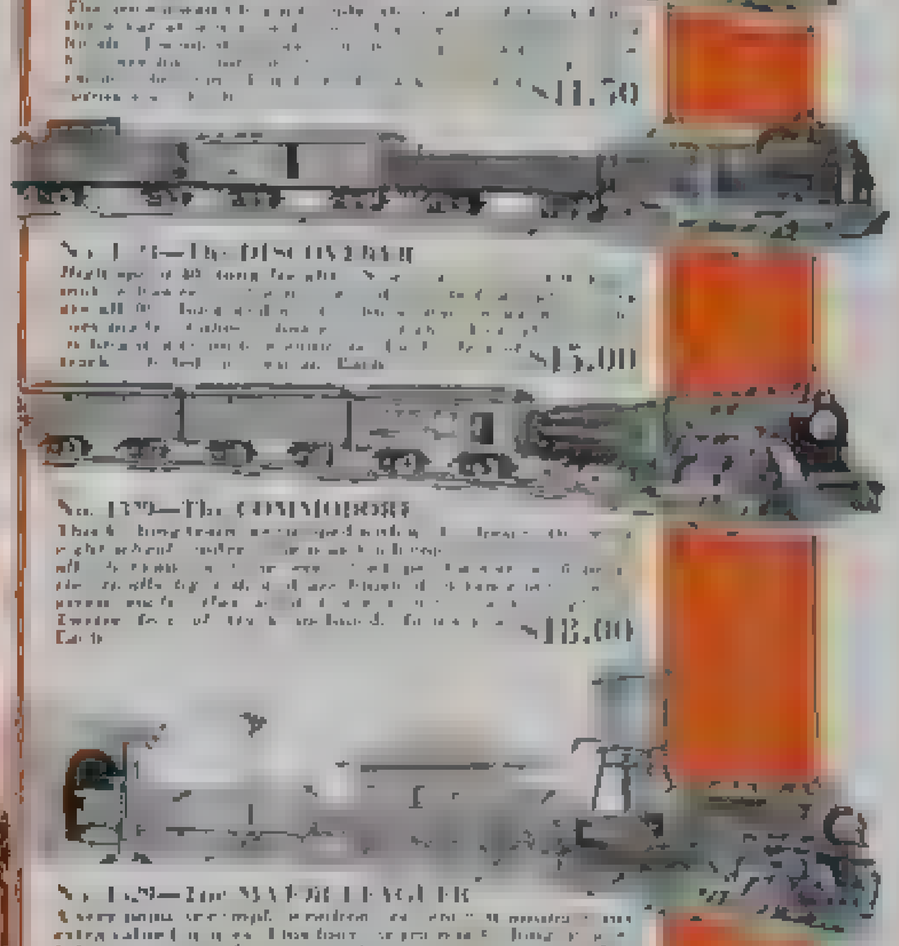
Get the big free 48 page American Flyer Record Train Book and compare. You too, will agree that American Flyers lead in fine working features and are years ahead of all other trains. This fascinating catalog is not only a textbook of railroading, a treasure of suggestions, but also the newest and finest of Electrical and Wind-up Trains, Equipment, Accessories and the famous Structo Steel Toys. Automobiles and Tractors in actual colors.

Don't wait—mail the coupon now.



Western Prices Are Somewhat Higher

Name ... Address ...
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LIONEL
ELECTRIC TRAINS

CHRISTMAS DELIVERIES

All orders sent in on or before November 25th will be filled in time for Christmas Delivery.

Patented and Patents Pending

STRONGLY CONSTRUCTED BEAUTIFULLY FINISHED

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THE JUNGLE CAR

RETAILS FOR $3.50

Product of

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SKF
JOURNAL BEARINGS

Heavy Tenders Ride Easily On SKF Journal Bearings

LONG runs have forced the rapid development of locomotive tenders. Modern tenders carry 20 tons of coal and 21,000 gallons of water—a tremendous increase in load.

Even before the burden was increased, tender journal bearings presented a problem in lubrication. This has now become acute and is being met by progressive railroads by the application of SKF Journal Bearings for dependability and freedom from bearing troubles.

Heavy loads and severe lateral thrusts are familiar problems to SKF.

Because of its two rows of rollers the SKF Journal Bearing provides the maximum bearing capacity in a given space.

Since SKF Bearings are completely self-aligning, they distribute the load equally at all times over two rows of rollers.

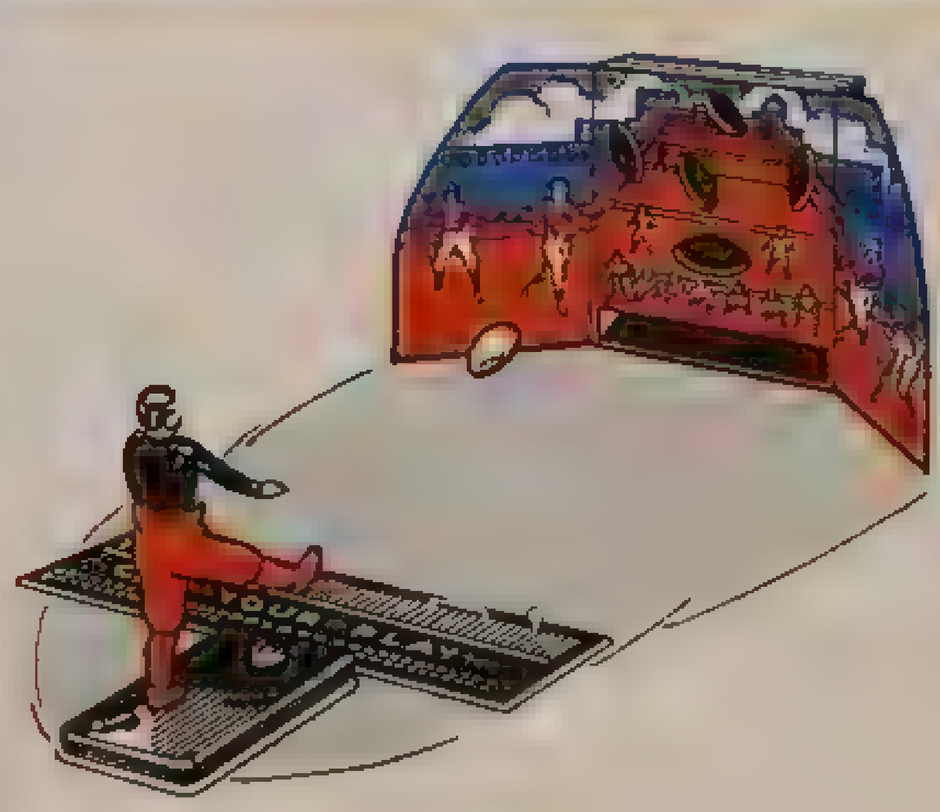
SKF Journal Bearings run cool and dependably because the rolling elements are not constrained and therefore are free to take the proper rolling position.

Bearing trouble cannot become acute when SKF serves the equipment.

SKF INDUSTRIES, INCORPORATED 2495
40 East 34th St., New York, N. Y.

SKF JOURNAL BEARINGS

THE BIG THREE IN THE TOY WORLD



WOOLSEY'S
FOOTBALL
The Sensation of the
1930 Toy World

EVERY INDICATION

points to record

crashing sales for these WOOLSEY

TOY NOVELTIES!

See Next Page

ENTIRELY NEW!

completely different—and
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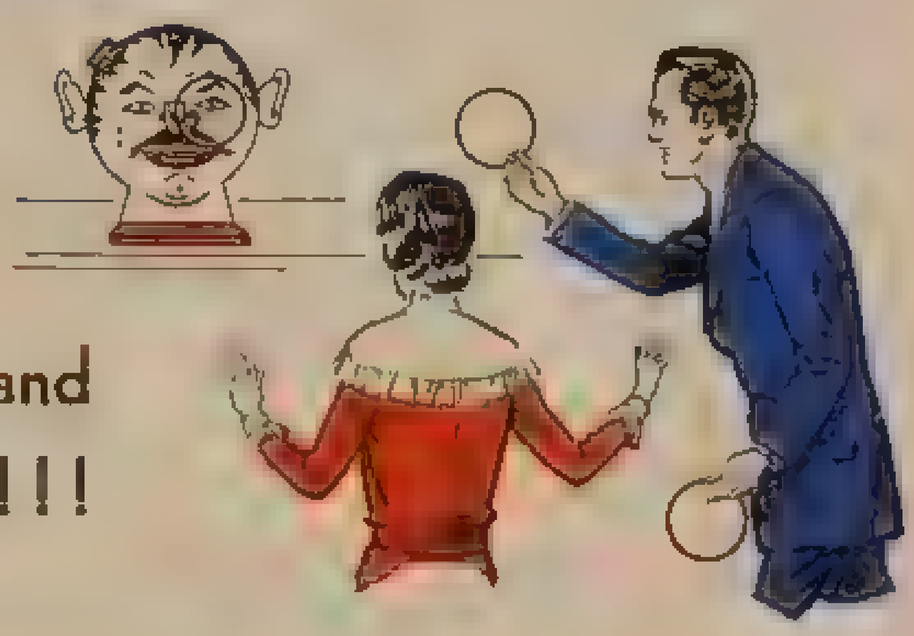


WOOLSEY MFG. CO., 2920 Talmadge St. S. E., MINNEAPOLIS, MINN.

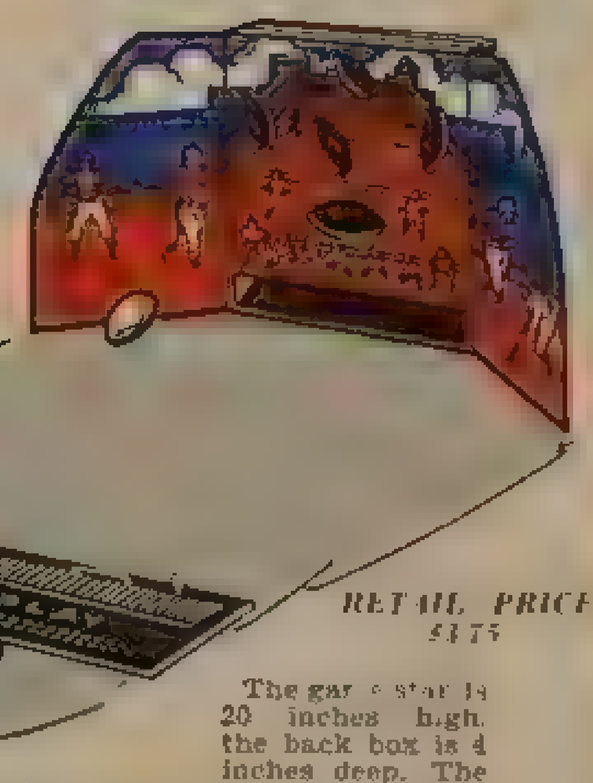
THE BIG THREE
IN THE TOY WORLD

Woolsey's Football Game

Woolsey's Football—the great indoor game for outdoor people. Everything indicates that this intensely fascinating game will be the outstanding selling sensation of the year. It teems with the action of a real game—it has the same element of chance, the same opportunities for thrills that pack millions of sport lovers into the university stadiums every year

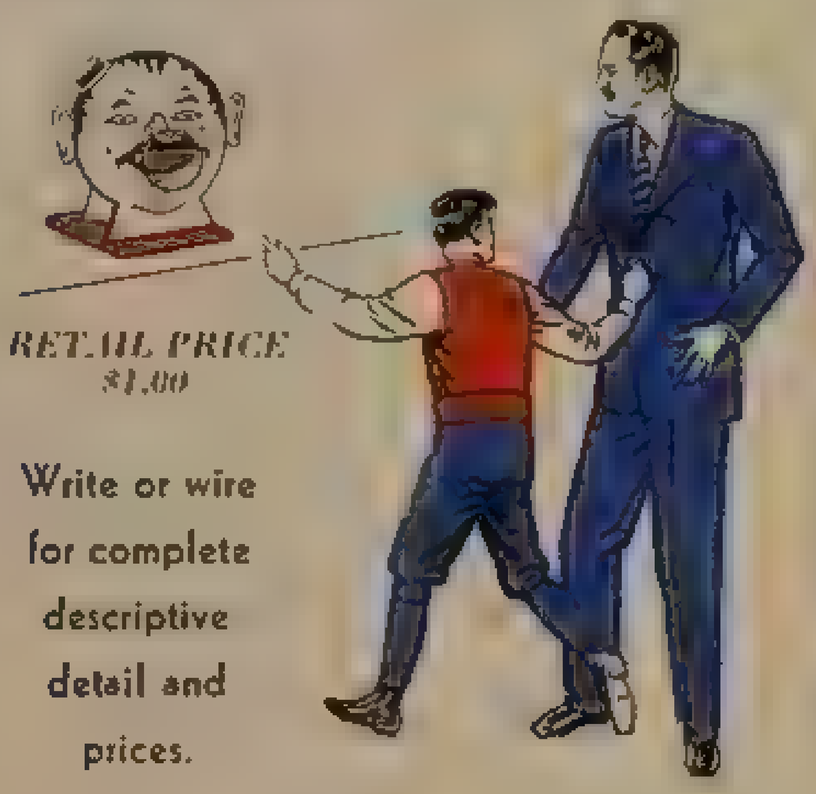
Press the lever and the kicker kicks the ball into the hole or out—a gain or a loss, according to your skill. For there is skill to this game. The tee is moveable and the ball can be placed for high or low kicks. Veteran toy buyers are keen for Woolsey's Football. The kids aren't the only ones that like this game. The grown-ups take to it, too.

Here's action, skill and chance. And a set up with a flash that will win many, many sales.



RETAIL PRICE
$3.75

The game stand is 20 inches high, the back box is 4 inches deep. The playing surface is 16 inches wide—the wings 14 inches wide. The player is made of cast iron and steel construction, stands 7 inches high on an 8-inch base. The game is beautifully finished in full colors. The player is colorful and modeled faithfully. Packed complete in shipping carton. Play it and convince yourself that this is going to be a big seller during the football season. Send sample order today



RETAIL PRICE
$1.00

Write or wire for complete descriptive detail and prices.

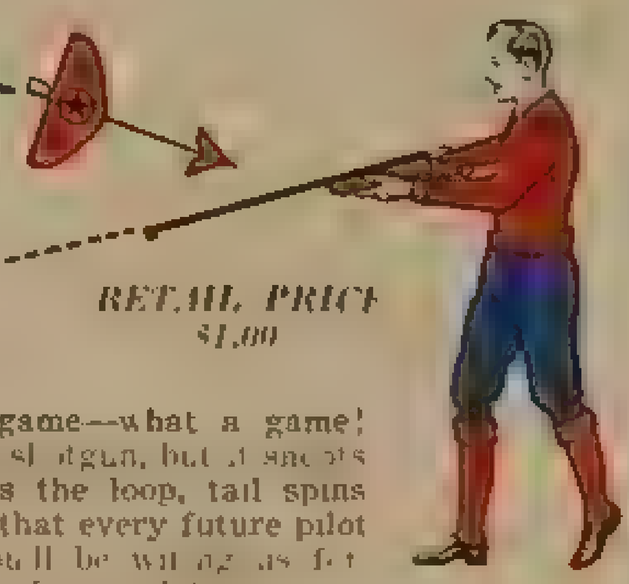
RING · A · NOSE!

Flip the ring over his nose—he makes outlandish faces—he wiggles his eyes and ears, and he shows his teeth. But there's more to Ring-A-Nose than funny faces—it's a game to see who can ring his nose most often. You'll say it's the best popular priced number you ever featured.

Send Sample Order Today

IT LOOPS ◆ IT GLIDES TAIL SPINS

BANG-A-LOOP



RETAIL PRICE
$1.00

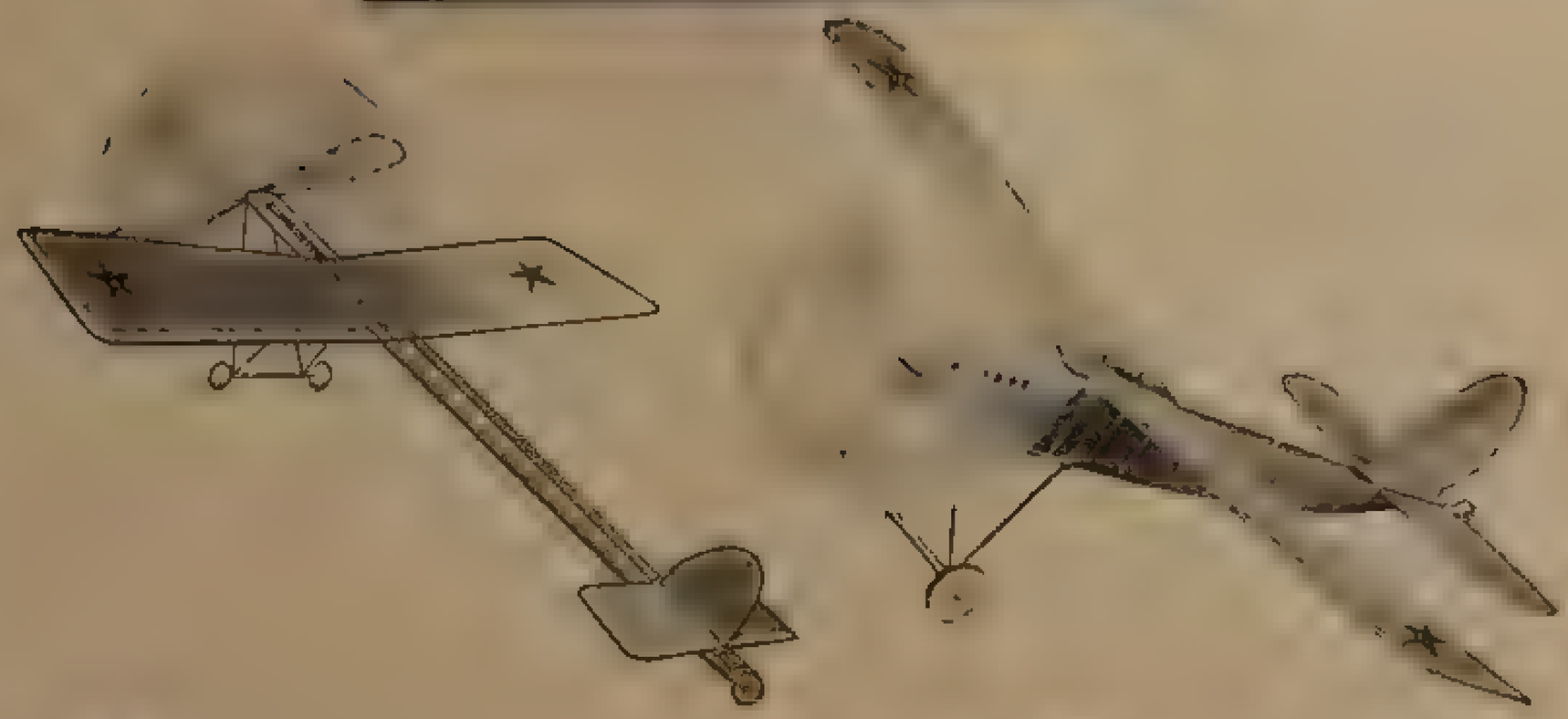
Bang-a-Loop is a boy's game—what a game! It shoots like a double-barrel shotgun, but it shoots gliders—the kind that loops the loop, tail spins and does all the contortions that every future pilot loves to see. It's a toy you'll be wiring us for a week after the first lot is in circulation.

Send Sample Order Today

Full of Unexpected Thrills

The Boy Can Make Gliders of Different Designs

WOOLSEY MFG. CO., 2920 Talmadge St. S. E., MINNEAPOLIS, MINN.



Planes! for Profit!

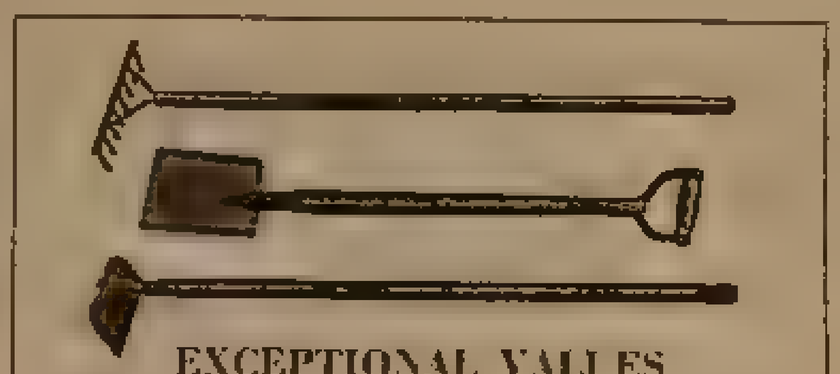
INTEREST in aviation mounts higher every month. And Kingsbury *Silver Arrow* Flying Plane sales mount with it.

If you would enjoy volume sales and corresponding profits isn't it logical to "tie-up" with what interests boys most, by stocking Kingsbury *Silver Arrow* Flying Planes?

Here are planes that are *proven* sellers because *proven* flyers. The *adjustable* wings assure flying under all conditions. This outstanding feature also makes smash-ups a novelty instead of a regular thing.

Made of Balsa wood and aluminum; aluminum propellers; strong elastic motors. Not construction toys but fully built. A moment to assemble and they're ready to fly.

Five models, racing and cabin types, retailing for $1 to $3.50. A complete line in a complete price range. A line that will pay you and pay you well. Send your order *now*.



EXCEPTIONAL VALUES

Kingsbury announces exceptional values in Garden Sets for children priced from 25c and up according to size. Each set consists of hoe, rake and shovel. Bright steel. Plain or colored handles. Kingsbury's regular line of garden tools for the home gardener also features new low prices. Write for complete information.

KINGSBURY MANUFACTURING CO., KEENE, N. H.

Sales Office for U. S. and Canada REYNANN, SEABURY CO. Inc., 215 Fourth Avenue, New York City

Pacific Coast Representative STANDARD TOY AGENCY, 718 Mission St., San Francisco, Calif.

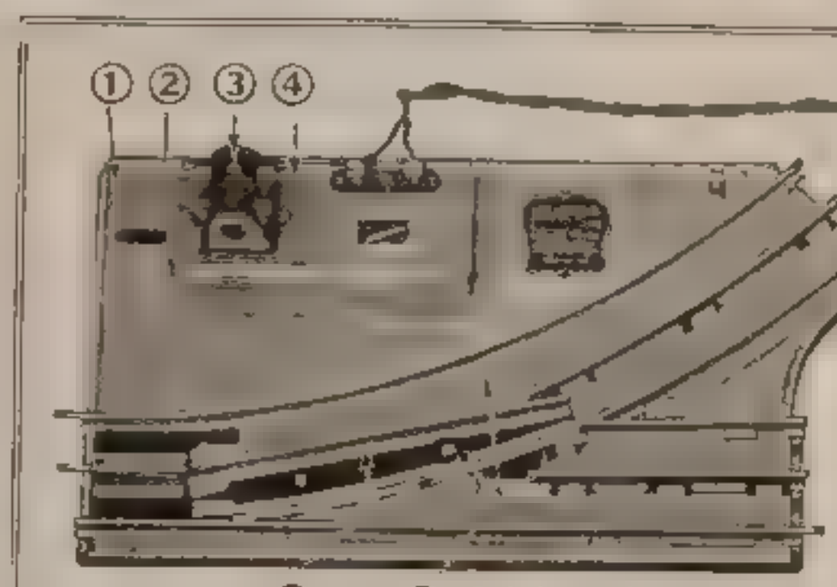
KINGSBURY *Motor Driven* TOYS

Nationally Advertised *Every* Month of the Year

WHEN ANSWE[redacted]

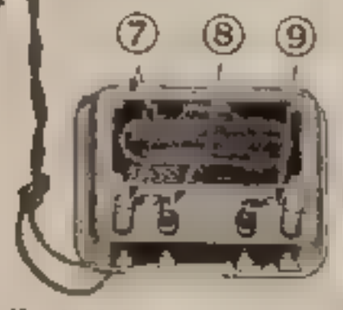
"American Flyer"
Toy Railroads Electric Trains Mechanical Trains

AMERICA'S FINEST REMOTE CONTROL TRACK SWITCHES



Left Switch Is Illustrated

Protected by U. S. Patents 1,353,367 and 1,384,518 and others pending. Only American Flyer Can Use this Advanced Switch



No. 4180 Control Switch

THE American Flyer *Remote Control Track Switches* are the result of three years of costly research work. There is nothing experimental about them. Scientifically perfect and built entirely "fool proof"—they are marvels of mechanical efficiency. The fascinating action of switching a train from one track to another is controlled 100% by electricity through the Track-Switch-Control which may be located at any distant position.

Each switch is equipped with a red and green light, which when lighted, denotes the operating position of the switch—with American Flyer Switches there is no guess work which results in train wrecks. Prices are as follows:

No. 488 Pair Narrow Gauge, Retail Each . . . $10.00
No. 4488 Pair Wide Gauge, Retail Each $12.00

With each *pair* of these switches, Model 4180 "four button" Track Switch Control is included.

NEW
AUTOMATIC TRAIN CONTROLLING SEMAPHORE

With this unit the operator can control a train from a distant position. Has die cast housing for lamps and controlling mechanism. Its red and green lights are so arranged that they synchronize with the light system of the Remote Control Track Switches. A feature is the new patented track connection which allows the signal to be fastened to either wide or narrow gauge track

Controlling Switch No. 4181, is included, which has two buttons, one red and one green, which in turn control the action of the Semaphore

Model 2043 for either narrow or wide gauge. Retail, Ea. $6.00

9 POINTS OF SUPERIORITY

1. Twin Lamps. Two lamps are used. A red and a green one in each switch. Green shows for the straight track and red for the curve track

2. Lamp Housing. This is of durable die cast construction, giving full protection to the lamp. It is a big advance over the old style sheet metal cap which is often lost or improperly placed in position. There are no moving parts to get out of order. Has fine enamel finish

3. Control Housing. All working parts are fully protected in this beautiful die cast housing finished in automobile enamel

4. Roadbeds. This embossed base is firmly secured to the superstructure by eyelets, not nibs, and has no large openings under the rails which oft'times cause trouble

5. Simplified Rails. Rail guards, and a third rail in the frog, or other obstructions that have a tendency to derail trains, are eliminated in American Flyer "Remote Control" switches. The current is carried through the rails of the frog-rail itself thus making an unbroken electrical contact at all times.

6. Frog Design. (The frog is the unit with the rails that shift). In ordinary switches a third rail *within* the frog is the frequent cause of train derailment as the car and locomotive trolleys have difficulty in traveling over these units. In American Flyer Switches, the frog is mounted on an insulated base, and with the current being carried through the frog-rails, *the necessity for a troublesome third rail is eliminated.* This is an exclusive American Flyer feature. The frog in American Flyer Switches is thrown by a rack and pinion action, which is completely concealed, and automatically locks when in position.

7. Switch Control. This die cast housing combines all the controls necessary to operate a pair of track switches and it can be located *at* instead *anywhere*

8. Control Buttons. This fool-proof design is insurance against burning out coils commonly experienced on other types of control. Two pairs of buttons, one button is red and the other green

9. Control Indicator. Only in American Flyer controls do you know at all times the position of the frog on the track switch. The indicator pointing toward the red or green push button tells the whole story. Only with American Flyer Track Switch-Controls can you operate both switches with only two fingers. Use of both hands is not required

A comparison is invited, send for samples and Illustrated Price List

AMERICAN FLYER MFG. CO.

Factory Office
2219-39 South Halsted St.
Chicago, Illinois

"American Flyer"
Toy Railroads Electric Trains Mechanical Trains

Sales Offices.
200 Fifth Avenue
New York City
718 Mission Street
San Francisco, California

Manufacturers of Miniature Railway Trains, Airplanes and General Distributors of Structo Toys

WHEN ANS[redacted]

Dealers Are Changing to *American Flyer* TRAINS!

Place Your Order Now!

Be prepared with adequate stock to meet the demand you will be called upon to fill. Be sure your stock includes these new American Flyer Trains. They will be heavily advertised in both Magazines and Newspapers. Remember sales "which might have been" are *lost opportunities.*

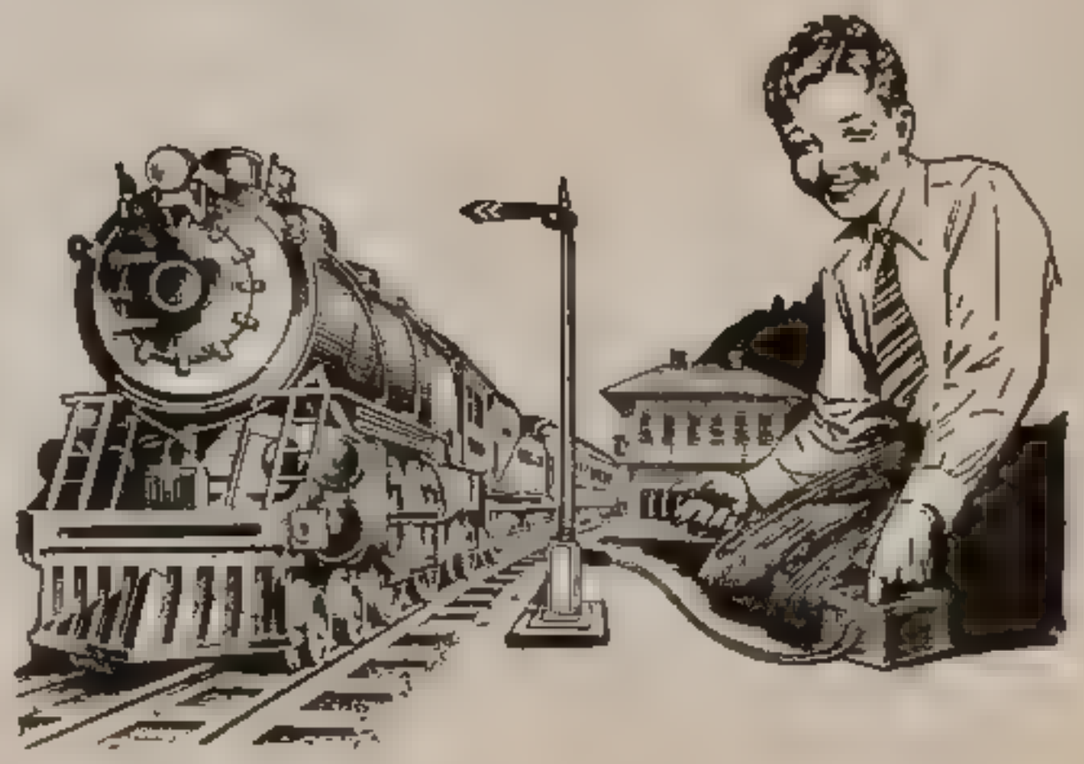
No. 1312—The VANGUARD
This 21" long train is finished in brilliant red *enamel.* Has *solid brass observation platform and canopy, window frames, doors and journal boxes.* Locomotive has headlight. Seven feet of track included. Each $7.00

No. 1314—The DIXIE QUEEN
Train 31" long. Has two tone blue enamel finish and *full brass details.* Cars have *right wheels.* Baggage car has *sliding doors.* Ten feet of track included. Each $10.00

No. 1319—The IRON HORSE
Steam type train 34" long. Chrome yellow *enamel finish. Has individual brass window frames and observation platform.* Locomotive has *tremendous* pulling power. Ten feet of track included. Each $11.50

No. 1324—The DISCOVERER
High speed 40" long freight. Locomotive has *reversible motor* and *double headlights.* Caboose has *electric light.* Locomotive and cars are each 9" long. Entirely finished in bright automobile *enamels.* Twelve feet of track included. Each $15.00

No. 1329—The MAJOR LEAGUER
A complete railroad system. Four car train is 45" long. Powerful locomotive has *reversal to motor.* Includes Water Tank, Semaphore, Flashing Signal Station, 12" Tunnel and twelve feet of track. Ea. $17.50



AMERICAN Flyer sales are actually ahead of all previous years. Our many new dealers are now buying American Flyer because of one or more of the following facts:

1. DEALERS MAKE MORE MONEY; American Flyer's sound sales policy has resulted in an *unusual degree of consumer price stability.* Dealers easily sell American Flyer Products at their *full list prices.*
2. UNPARALLELED VALUES; In size, realism, detail, superior construction and in the number of pieces included in a train set, the consumer actually gets more for his money when he buys American Flyer.
3. REAL AMERICAN DESIGN; For years American Flyers have been noted for their faithful reproductions of *American* Trains—European design has never been followed.
4. CONSUMER DEMAND; There will be a total of over 31 million sales compelling messages appearing in the leading magazines and newspapers. They will be seen and acted upon by thousands.
5. DEALER SERVICE; American Flyer offers complete merchandising service to help you establish yourself as Train Headquarters. This includes Demonstration Display Stands, Equipment Panels, Window Display Pieces, Window Streamers, Truck Banners, Envelope Enclosures and full color 48-page Catalogs and Merchandise Folders.

A Comparison Is Invited. Send for Samples and Profit Making Dealer Proposition

"American Flyer"
Transformer Electric Trains Mechanical O Trains

AMERICAN FLYER MANUFACTURING COMPANY

Factory Office,
2219-39 South Halsted St., Chicago, Illinois

Sales Offices:
200 Fifth Avenue, New York City
718 Mission Street, San Francisco, California

[redacted]

ANIMALS

THAT ARE LIFE-LIKE
THAT ARE PRICED RIGHT
THAT ARE PROFIT MAKERS

AMERICAN MADE LINE MEANS MORE BUSINESS FOR YOU

Address All Correspondence to 61 Pennsylvania Ave., Brooklyn, N. Y.

New York Showroom
45 EAST 17th STREET
Room 309
FRED W. VOETSCH
Sales Representative

AMERICAN MADE TOY COMPANY

Factory
61 PENNSYLVANIA AVE
BROOKLYN, N. Y
LOUIS T. BLOOM
Purchasing Manager

CAMELOT

REG U S PATENT OFFICE

CAMELOT is being Nationally Advertised

Keep a good supply on hand

Telegraph your orders COLLECT!

NEW—a complete line of BACKGAMMON, smartly, styled, with the new rules for play, scoring and doubling

Camelot, Ping-Pong, Pollyanna, Lindy, Pegity, King Arthur and His Knights, Halma, Wings, Forty Two, Pastime Picture Puzzles, Rook, Pit, Touring, The Big Trail, Five Wise Birds, etc

PARKER BROTHERS, Inc.

SALEM, MASSACHUSETTS, and FLATIRON BUILDING, NEW YORK

Entered [illegible] at 120 [illegible] Clark St. Chicago, Ill. by Porter [illegible] Lithography Corp. $2.00 a year in U. S. A., $2.50 in Canada; $3.50 [illegible] Entered as second-class matter December 31, 1924 at the post office at Chicago, Ill. [illegible] Act of March [illegible]

A NEW KIRCHHOF Profit-Maker

GIANT FROG Cricket

(Photograph actual size)

Furnished in assorted lithographed designs, in attractive colors. Can also be furnished in solid enamelled colors red, blue, green and yellow, assorted, and for Hallowe'en in bright solid orange. Packed 5 gross to a shipping case. Has a deep, unusually resonant sound. Pleasing to youngsters. Has a wide sales appeal. To retail for 5c.

Other Fast-Selling Kirchhof Toys and Novelties

SPINNING TOPS 1c

THE NEWEST KIRCHHOF KAZOO. Finished in Beautiful Sanitary Gold Lacquer with 3 keys and screwtop in assorted colors. Sells for 5c. A record breaking all-year seller

No. 25 DANCE AND CARNIVAL JUMBO RATTLERS. A 10c SELLER

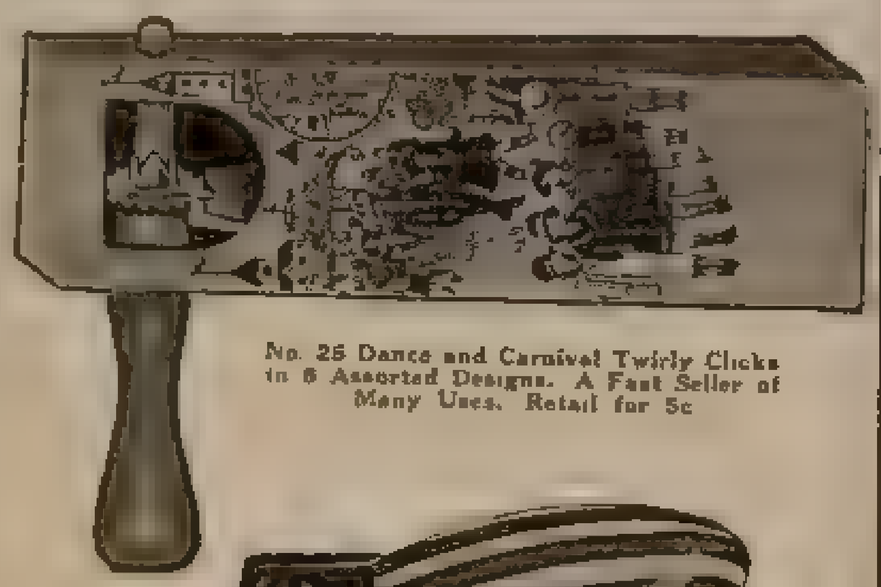
Jobbers

~

Send for Complete Price List

~

Ask About Our Special Limited Try-Out Assortment



No. 26 Dance and Carnival Twirly Clicks in 6 Assorted Designs. A Fast Seller of Many Uses. Retail for 5c

No. 15 Old Glory Crickets in Red, White and Blue for July 4th and All Patriotic Holidays. Also Dance and Carnival Crickets. 1c in 7 Attractive Designs

THE KIRCHHOF PATENT COMPANY

60-64 Union Street — Dietze Building — Newark, N. J.

NOWADAYS there is just as much attention paid to equipping a child's room as to furnishing the rest of the house. And it's worth while for the dealer to recognize this fact and include in his stock sturdily-built, well-finished furniture for children . . . furniture which is within the accepted price range.

The Mason line is designed and constructed on the basis of this knowledge. Take, for example, the Mason Child's Dresser No. 664, illustrated above. Two beautiful finishes are available — a charming two-tone green and a golden maple — with drawers daintily decorated in appropriate colors.

The Dresser, fitted out with a real 8" x 12" mirror, stands 42½" high and has a top which is 10" wide and 22" long. And in spite of its sturdy construction and delightful finish it is priced to retail at about $12.

. . . we hope you have received a copy of the 1930 Mason catalog, showing 39 additional Mason values.

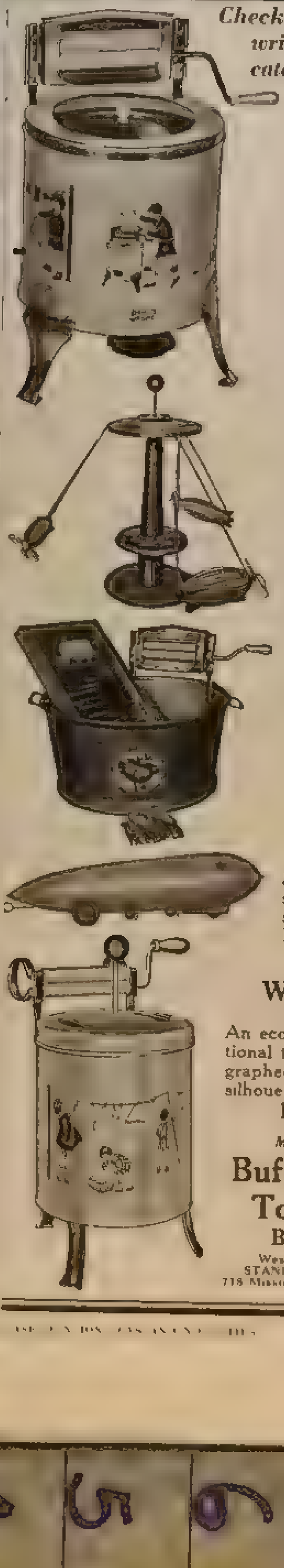
. . . if not, let us know, and we'll see that you are supplied.

THE MASON MANUFACTURING COMPANY

South Paris, Maine

New York Show Rooms 200 Fifth Avenue

Check this line—then write for prices and catalog.



DOLLY'S WASHER
No. 115

A genuine toy washer for baby's dresses, stockings, etc. Will actually wash. Equipped with rotating splash-rib tub and strong spring wind motor

Retail $6.00

AERO-ZEPS
No. 135

Continuous action, spinning propellers —a fast action toy attractively lithographed.

Retail $1.00

LITTLE MISS WASHTUB
No. 121

Now has a new, heavy galvanized tub with Kewpie baby design.

Retail $2.00

LOS ANGELES ZEPPELIN
No. 125

Spiral rod motor, spinning propellers, stream-line cabin. A knock-out at

$1.25

WASHETTE
No. 130

An economical and educational toy beautifully litho-graphed in bright pink with silhouettes.

Retail $1.25

Manufactured by

Buffalo Toy & Tool Works

Buffalo, N. Y.

Western Representatives
STANDARD TOY AGENCIES
718 Mission St., San Francisco, Cal

$12.
RETAIL

Complete unit includes Kodatoy with one 100-foot metal spool and one Kodaplay Theater with "silvered" screen surface

EASTMAN
Announces
KODATOY

A new 16 mm. toy movie projector that throws sharp pictures on its own silvered screen . . .

ANY experienced buyer will quickly appreciate the possibilities of a reliable toy projector.

Kodatoy throws a brilliant image... crystal clear...steady and flickerless That's because its design embraces the same principles as those found on costly equipment.

Kodatoy is styled to appeal to youthful tastes. Maroon in color... crystalline finish. Mechanically, it performs with amazing precision. Yet a youngster can thread and operate it with ease.

Your customers will be asking for Kodatoy when the magazine advertising starts in November. Be ready for them. Put a demonstrator on the counter with its own special screen. Youngsters will buzz about it to parents. Parents will be led to your store.

Write for quantity prices...and other information about this new projector that Eastman now offers.

Details on KODATOY

ONLY ONE MODEL

SIZE: 12⅞" by 9¾" by 5⅞".

WEIGHT: 5 lbs. Kodatoy is small and light enough to be easily portable. Requires only small space for counter demonstration

FOOTAGE: 100 feet of 16 mm film which is equivalent to 350 feet of standard 35 mm stock.

LENS: 31 mm projection lens. Kodatoy's optical system is superior to anything in the toy class. It has a dependable pull-down and three blade shutter that permits steady flickerless pictures. No framing necessary.

FOCUS: Sharp focus is easy by sliding the lens barrel in its mount.

ILLUMINATION: No. 1130 double filament 6-8 volt headlight lamp. Available everywhere at small cost. Metallic reflector. Transformer mounted in lamp house. 105-125 volts 60 cycle AC only.

REWIND: By hand with crank on rewind spindle.

FINISH: Maroon crystalline. Finger-print and scratch-proof.

THEATER: Made of heavy cardboard with holes to permit daylight showings. Silvered screen surface is 8 x 11. Shipped folded in Kodatoy carton.

SHIPPING CARTON: Fiberoid box. Size 14 by 12 by 8½.

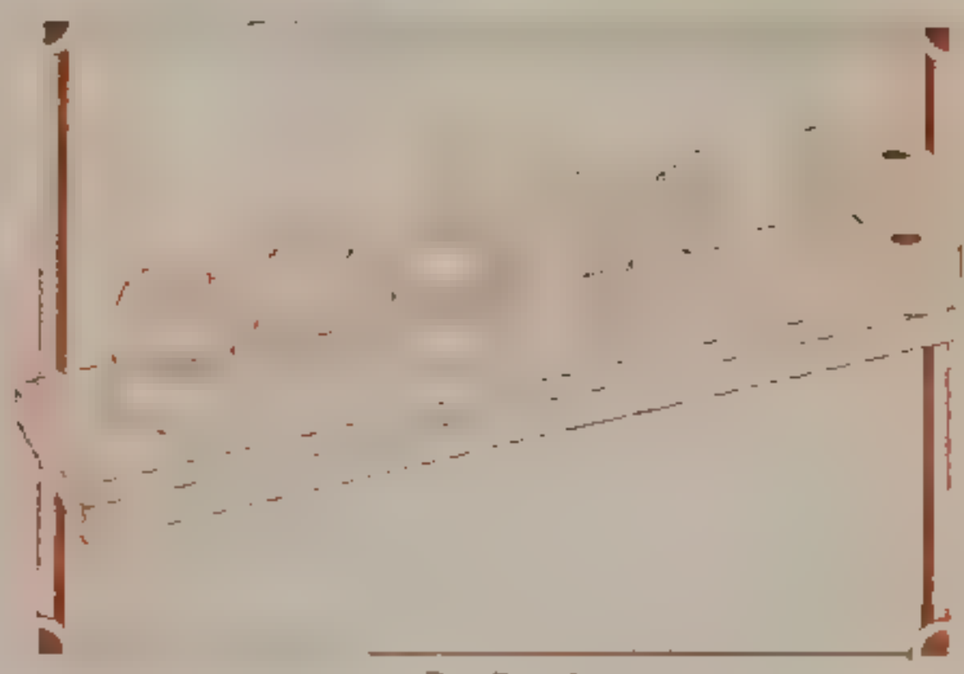
Every Kodatoy owner will be a month-to-month buyer of Kodaplays . . .

KODAPLAYS are 16 mm. movies made especially for juvenile spectators. There is a wide choice of subjects—comedy, educational, drama and animated cartoons. They are all on safety stock

Kodaplays are available in three lengths ranging in price from 30 to 90 cents. For the Kodatoy dealer they represent a big repeat item—a source of steady year 'round profit Your customers will be back for new releases.

EASTMAN KODAK COMPANY - ROCHESTER, N. Y.

WHEN ANSW[redacted]



Peg Board

Cross and Cone Puzzles

Ring Toss

NEW RAINBOW TOYS

A delightful new peg board for the Little Tots to teach them colors and train the little hands. Lacquered in six beautiful bright colors.

\+ + +

Combination cross and cone puzzles. This set comprises two separate and distinct solitaire puzzles. Both puzzles are interesting and instructive to children of all ages as well as grown ups. An attractive item for Party Favors, Prizes and Gifts.

\+ + +

Rainbow Ring Toss is an entirely new and novel game and much more interesting than the ordinary ring toss. The pegs are designed to afford graded difficulty in tossing the rubber rings. This adds greatly to the interest and educational features of the game.

\+ + +

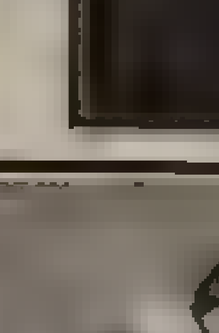
Write for samples of these new fast selling Rainbow Toys. There is plenty of time to get these new items in your stock for the big Christmas trade.

THE JACKSON-GULDAN VIOLIN CO.

TOY DIVISION

COLUMBUS ✦ ✦ ✦ OHIO

$2,400 Sold
in a Few Days



KRAZY-IKES

TRADE MARK REG U S PAT OFF

The "1000 in 1" Builder Toy

Young and old have discovered Krazy Ikes to be one of the most fascinating toys in years. Almost everyone is a hot *prospect*. And one look at the fun things made with Krazy Ikes makes everyone a *buyer*.

Krazy Ikes sell themselves right off the shelf. And sell big. Solely via counter and window displays, dealers all over the country are selling Krazy Ikes in record breaking quantities. Shortly after installing Krazy Ikes in their windows, a Flatbush New York dealer reported sales of $2,100.

What's more, for this *proven* seller we have designed a *proven* window display built after months of experiments and tests. And we will have it free. Also free is a full color 11 x 14 inch window banner and a 96 page Idea Book.

Judge Krazy Ikes for yourself. Send for a free sample. Let us tell you how you can get a display and Krazy Ikes in your store.

KNAPP PYRAMIDS

Low price 50c. Denver and West 60c

TOYS

Div. of P. R. Mallory & Co. Inc.
6 East 45th St. New York N. Y.

WHAT KRAZY IKES IS

It's the "1000 in 1" builder toy, and a toy in a thousand. The pieces of wood, brightly colored in red, blue and yellow, push together and pull apart, making hundreds of funny things, all different and all from the one set. Retails for $1.

SEND THIS COUPON TODAY

P. R. Mallory & Co. Inc.
6 East 45th St. New York N. Y.

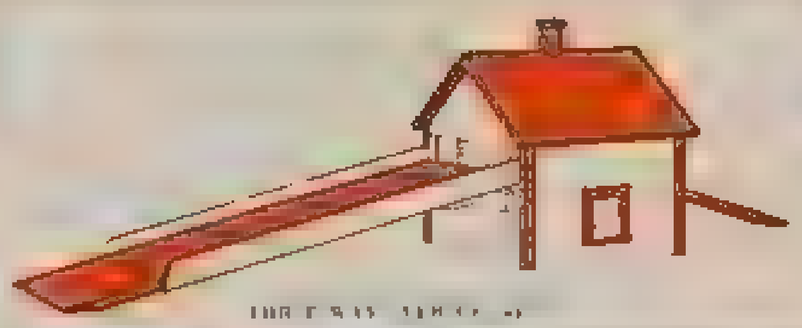
Send me:

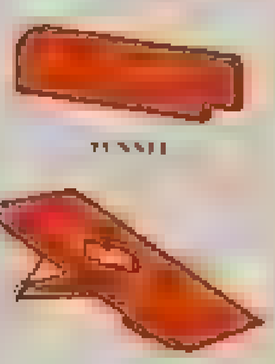
[redacted]

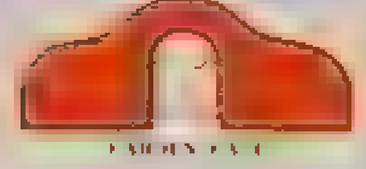
Name

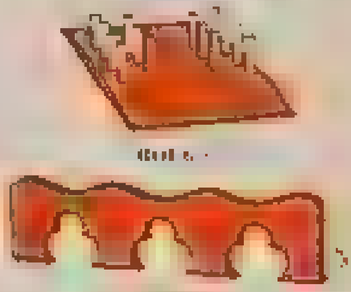
Name of Store

Address









The Sporty Lawn or Indoor Game

[illegible] practical [illegible] set you and your [illegible] have been sought for. Of all the [illegible] on the market today, LAWNFAIR is the newest [illegible] Complete [illegible] it would [illegible] and white.

Parts or complete sets range [illegible] price [illegible] from $8.5 to $50.0 [illegible] allowing liberal [illegible] discounts to dealers and jobbers. Full [illegible] for you as well as rules for [illegible] when [illegible] See [illegible] Write or Wire for details today.

Manufactured By

THE MARSH LUMBER COMPANY - DOVER, OHIO

This Season *you'll need these proved sales makers!*

Liberty Playboats

THE very reason which has prompted many toy departments to mark Liberty Playboats "sold" before the season's first purchases is the reason why Liberty Playboats should be among your first choices for the season.

Liberty Playboats sell — buyers from Atlantic to Pacific have discovered that to their profit. Nor is the reason for Playboats' excellent sales punch hard to analyze.

Youngsters have always been boat minded — and susceptible to color. Liberty Playboats meet these boy characteristics by building a complete line of powerful boats and seaplanes — faithful reproductions of naval, commercial, pleasure boats and planes, all finished in brilliant color combinations to catch the youngster's eye.

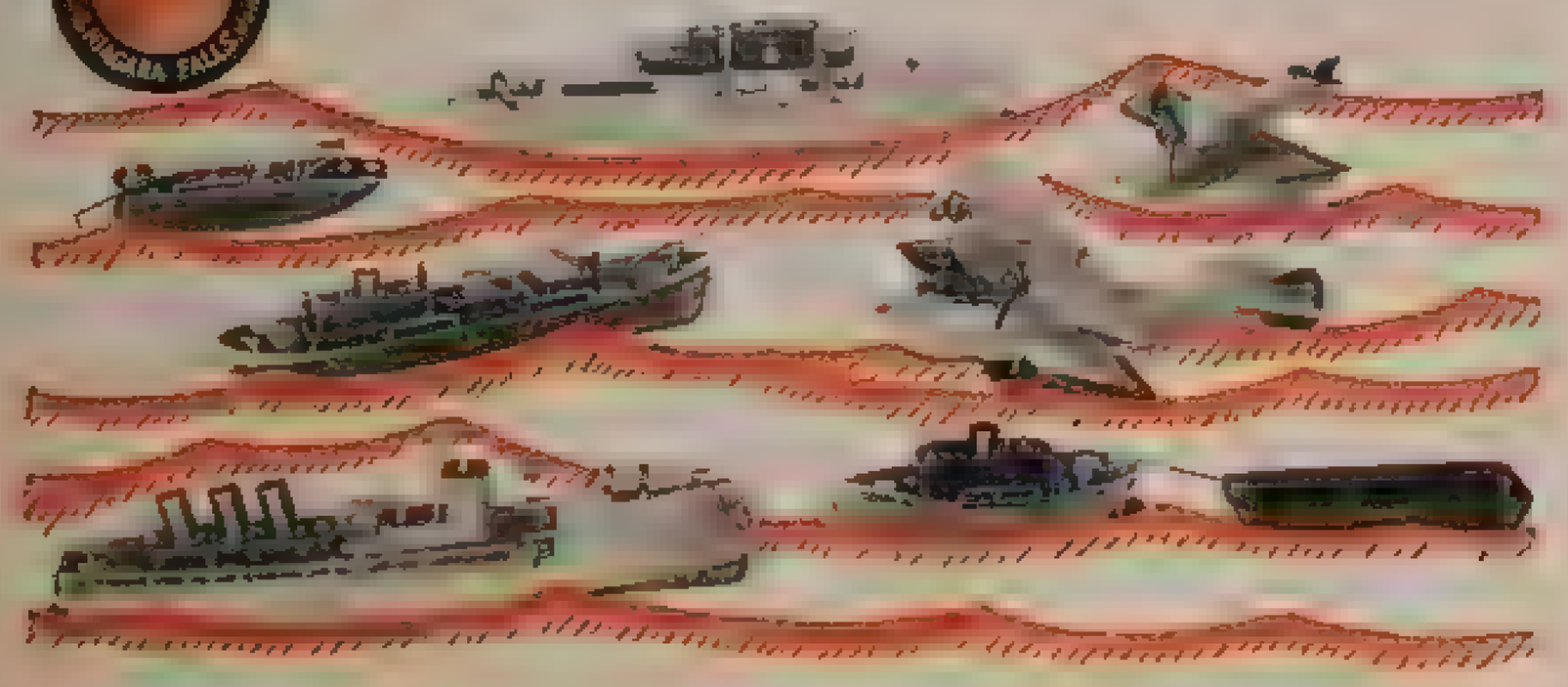
With all-wood hulls, they cannot sink. With their quick-detachable undercarriage and wheels, they are equally at home on land and water. And they possess intriguing, novel play features not equalled by any other boat toy and are ever seen. Indoors and outdoors, they rank high among the toy favorites of any model-boat-set boy.

And with their wide range of styles, sizes and prices, they fulfill every requirement of the gift-giver's preference and pocketbook. You can bank upon Liberty Playboats to make good for your toy department. Ask us for complete literature and prices.

10 Models
Range at from
one to twelve
dollars.

LIBERTY PLAYTHINGS, INC., NIAGARA FALLS, N. Y.

New York • Chicago • St. Paul • Denver • San Francisco • Los Angeles • Portland



LIBERTY PLAYTHINGS, INC., NIAGARA FALLS, NEW YORK

[redacted]

Mother Goose Cuddle Toys

U.S. PATENT NO. 1,560,877

Absolutely the Most Natural, Life-Like and Truly Artistic Leatherette Toys Ever Produced!

2 Sizes—Retail for 50c and $1.00

Here Is the Season's Newest Line!

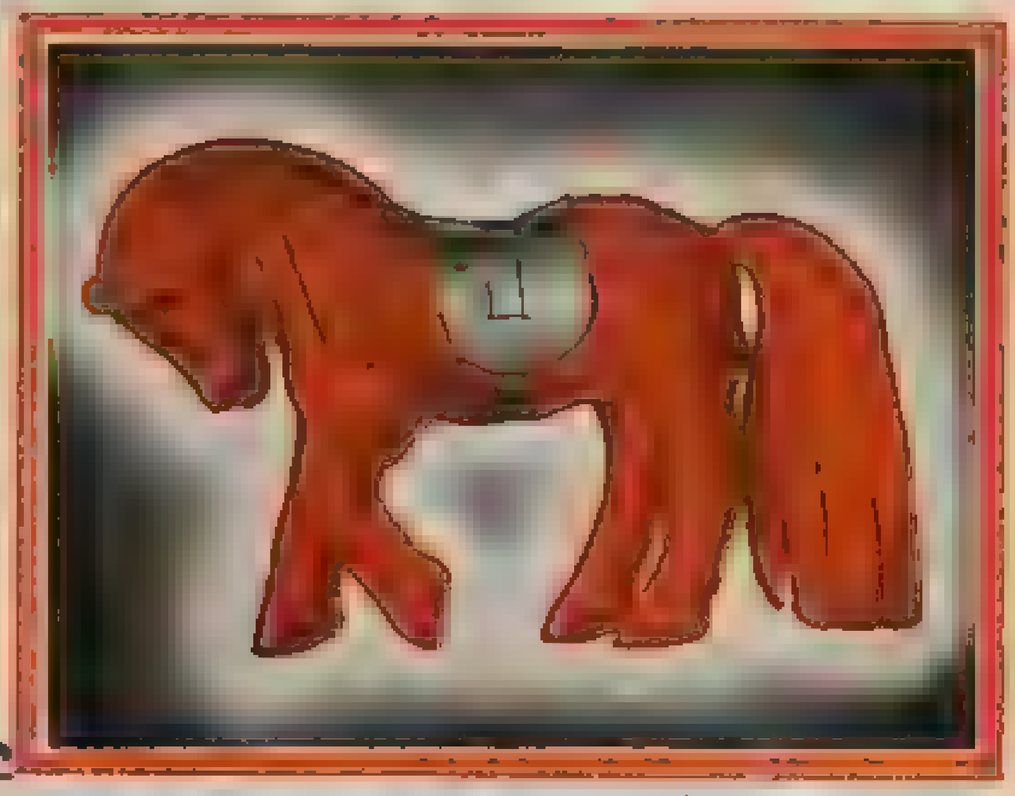
▼

PRANCING PONIES

BEARS

ELEPHANTS

GOATS



PRANCING PONY

Here Is the Season's Newest Line!

▼

BILLY WHISKERS

CAMELS

DONKEYS

DOGS

Cleverly fashioned true to life, made of high grade artificial leather, with soft sanitary stuffing. So *lifelike*, they seem almost to breathe!

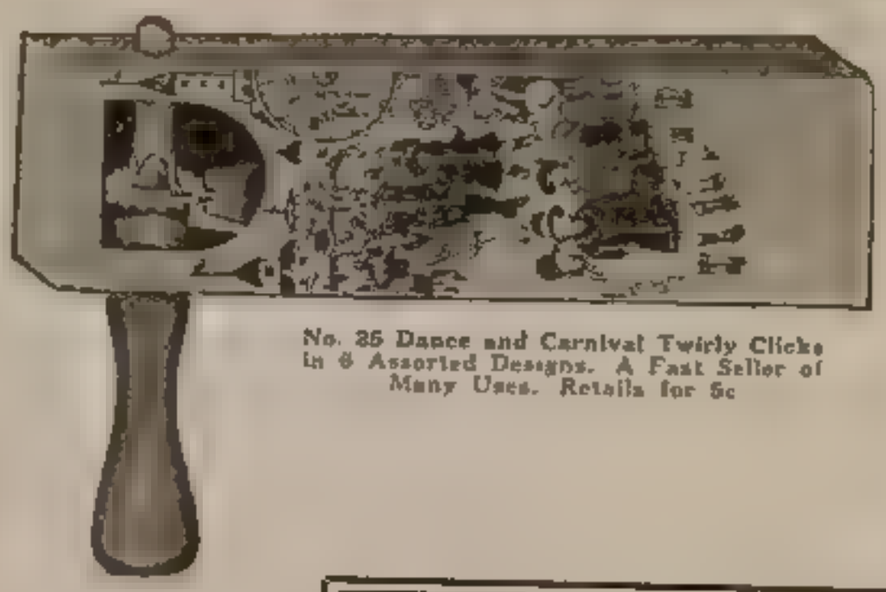
Unbreakable—Patented construction; cannot injure baby or scratch or mar furniture. Washable. A QUALITY line!

Assorted Colors—beautiful and brilliant—positively will not fade. Brown, Red, Black, Yellow, Blue, Orange, Pink, Tan

Big Eye-Value—Beautiful, distinctive and original. *No other line like it!* Each toy wrapped in Cellophane

ERO MANUFACTURING COMPANY (TOY DIVISION)

2234-2240 OGDEN AVE., CHICAGO, ILL.



No. 25 Dance and Carnival Twirly Clicks in 6 Assorted Designs. A Fast Seller of Many Uses. Retails for 5c

GIANT FROG CRICKET
(Size 3" x 1⅞" x 1⅛")

KIRCHHOF NOVELTIES

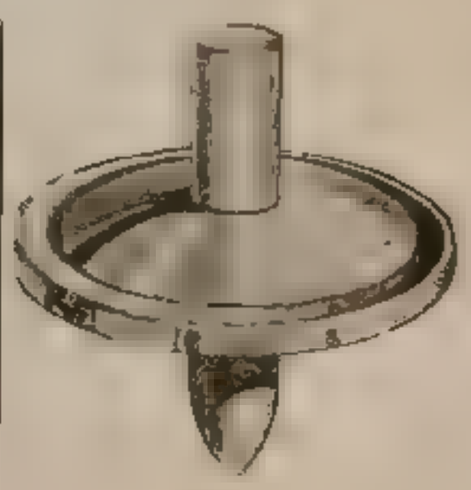
NOISEMAKERS ARE PROFIT MAKERS

New Year's and Christmas parties are just around the corner—be prepared for the demand for Kirchhof novelties.

JOBBERS—Send for Complete Price List. Ask About Our Special Limited Try-Out Assortment Offer

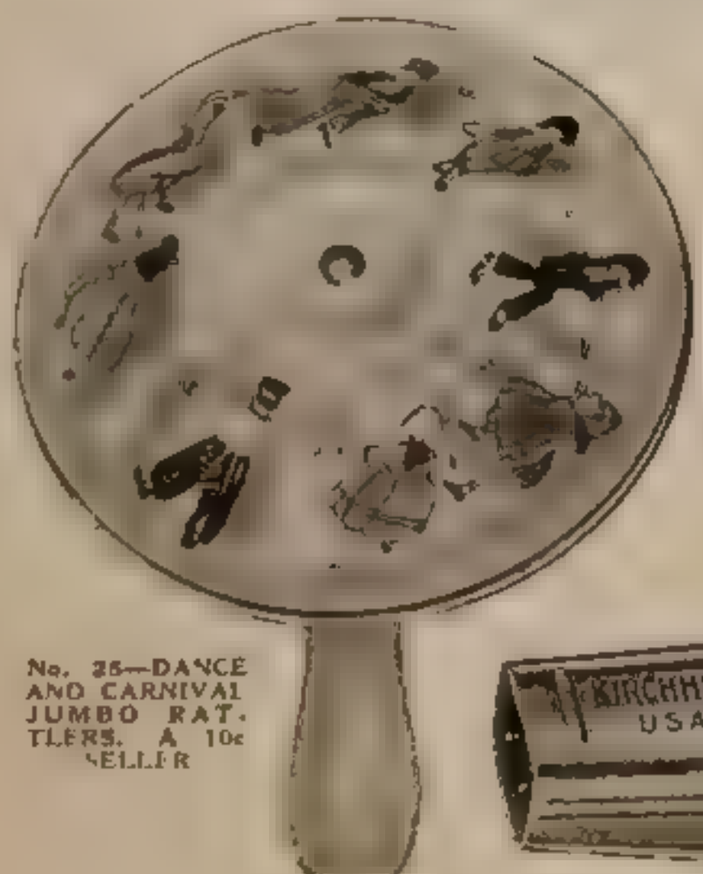
THE KIRCHHOF PATENT CO.
60-64 Union St. Dietze Bldg. Newark, N. J.

No. 15—OLD GLORY CRICKETS in red, white and blue for all patriotic holidays



SPINNING TOPS 1c

No. 25 Dance and Carnival Crickets Seven Assorted Designs. 1c Each

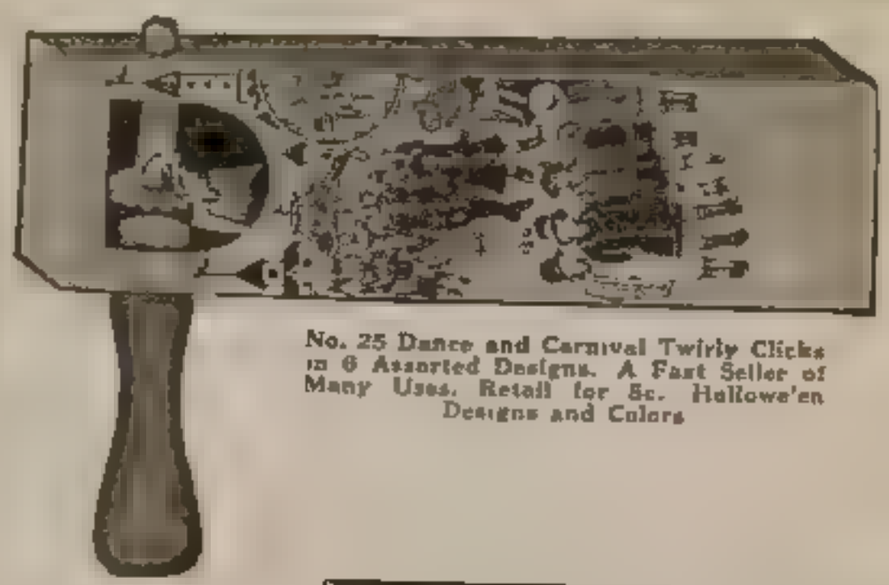


No. 25—DANCE AND CARNIVAL JUMBO RATTLERS. A 10c SELLER

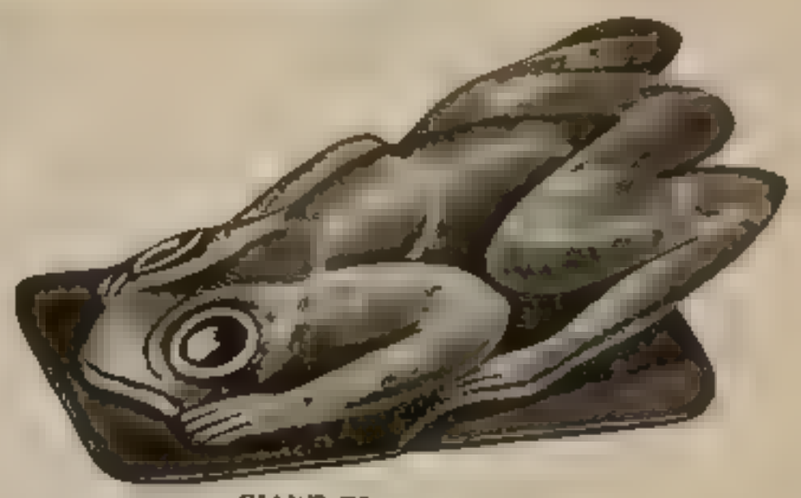
No. 1—TAMBOURINE
Assorted Colors. Retails for 10c

Screamer Whistles 1c

THE NEWEST KIRCHHOF KAZOO. Finished in Beautiful Sanitary Gold Lacquer with 3 keys and screwtop in assorted colors. Sells for 5c. A record breaking all-year seller



No. 25 Dance and Carnival Twirly Clicks in 6 Assorted Designs. A Fast Seller of Many Uses. Retail for 5c. Hallowe'en Designs and Colors



GIANT FROG CRICKET
(Size 3" x 1½" x 1⅛") Hallowe'en Colors

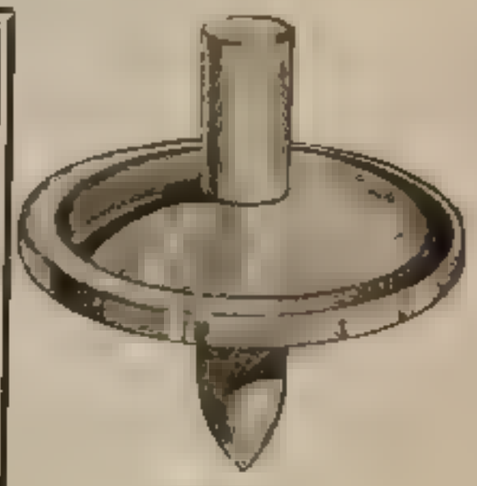
KIRCHHOF NOVELTIES
NOISEMAKERS ARE PROFIT MAKERS

Hallowe'en and many fall and winter festivals are just around the corner—be prepared for the demand for Kirchhof Novelties. And don't forget your stock for New Year's Eve.

JOBBERS—Send for Complete Price List. Ask About Our Special Limited Try-Out Assortment Offer

THE KIRCHHOF PATENT CO.
60-64 Union St. Dietze Bldg. Newark, N. J.

No. 15—OLD GLORY CRICKETS In red, white and blue for all patriotic holidays.



SPINNING TOPS 1c

No 25 Dance and Carnival Crickets Seven Assorted Designs. 1c Each Hallowe'en Designs and Colors.

No. 25—DANCE AND CARNIVAL JUMBO RATTLERS A 10c SELLER HALLOWE'EN DESIGNS AND COLORS

No 1 TAMBOURINE
Assorted Colors Retails for 10c
Hallowe'en Designs and Colors.

Screamer Whistles 1c

THE NEWEST KIRCHHOF KAZOO. Finished in Beautiful Sanitary Gold Lacquer with 3 keys and screwtop in assorted colors. Sells for 5c. A record breaking all-year seller

1930 EDITION
Toys and Novelties
Buyers Guide

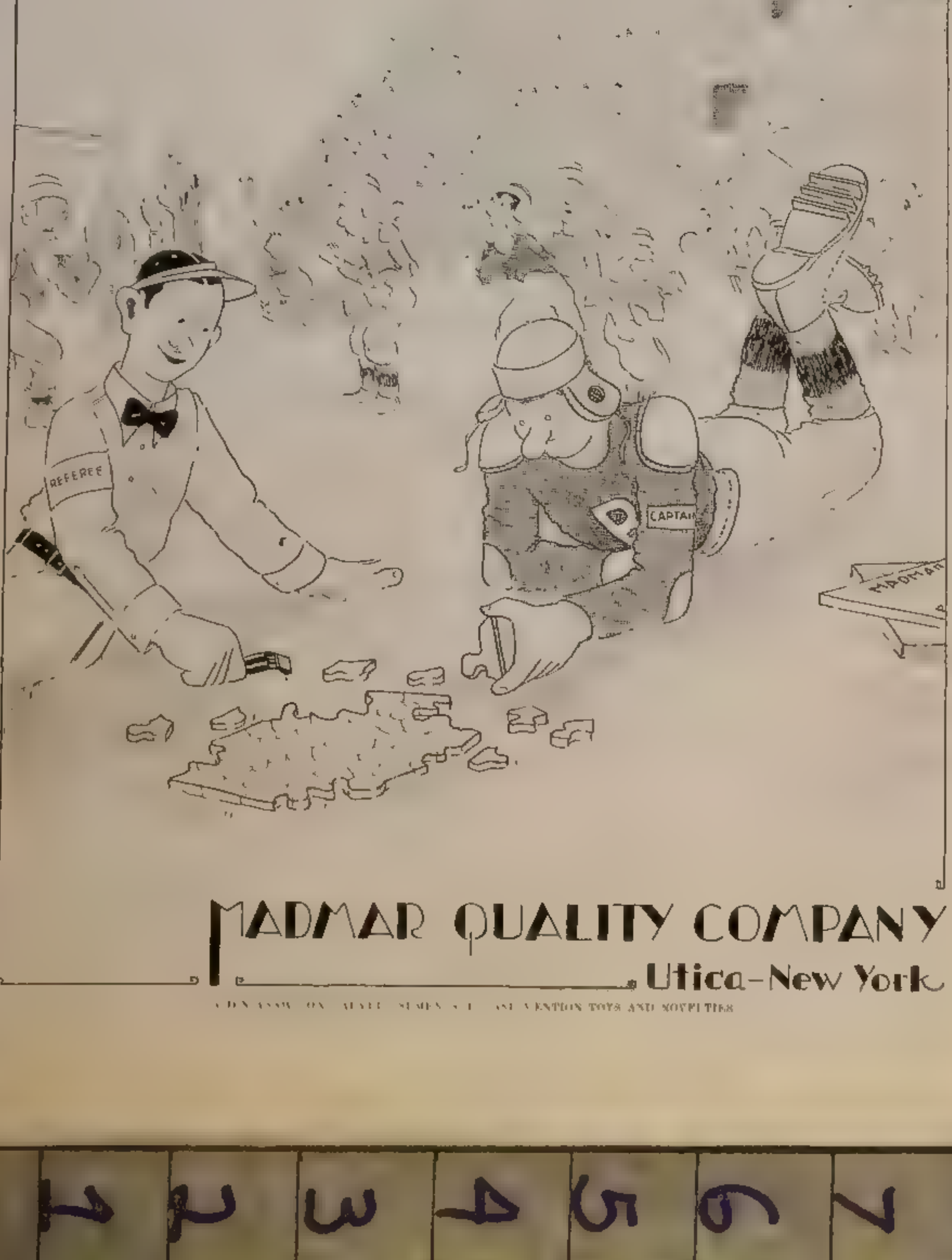
Largest—
Most Complete—
Most Serviceable
Toy Trade Directory Ever Published

SEE PROOF ON THE NEXT PAGE

WHEN ANSWERING ADVERTISEMENTS PLEASE MENTION TOYS AND NOVELTIES

MADMAR

ON THE TEN YARD LINE



MADMAR QUALITY COMPANY

Utica–New York

MANUFACTURERS OF QUALITY NOVELTIES AND CONVENTION TOYS AND SUPPLIES

ANIMALS

For our 1931 Easter Line, we have created many original numbers that will even surpass our famous 1930 line.

Your department will show real profits with AMERICAN MADE ANIMALS —Write today for our SPECIAL HOLIDAY ASSORTMENTS.

See American Made Line and Be Convinced

New York Show Room
45 East 17th St., Room 309
Fred W. Voetsch, *Sales Repr.*

AMERICAN MADE TOY COMPANY
ESTABLISHED 1911

Factory
61 Pennsylvania Ave.,
Brooklyn, N. Y.
Louis L. Bloom, *Factory Mgr.*

Swift-Action Toys to Speed Up Sales

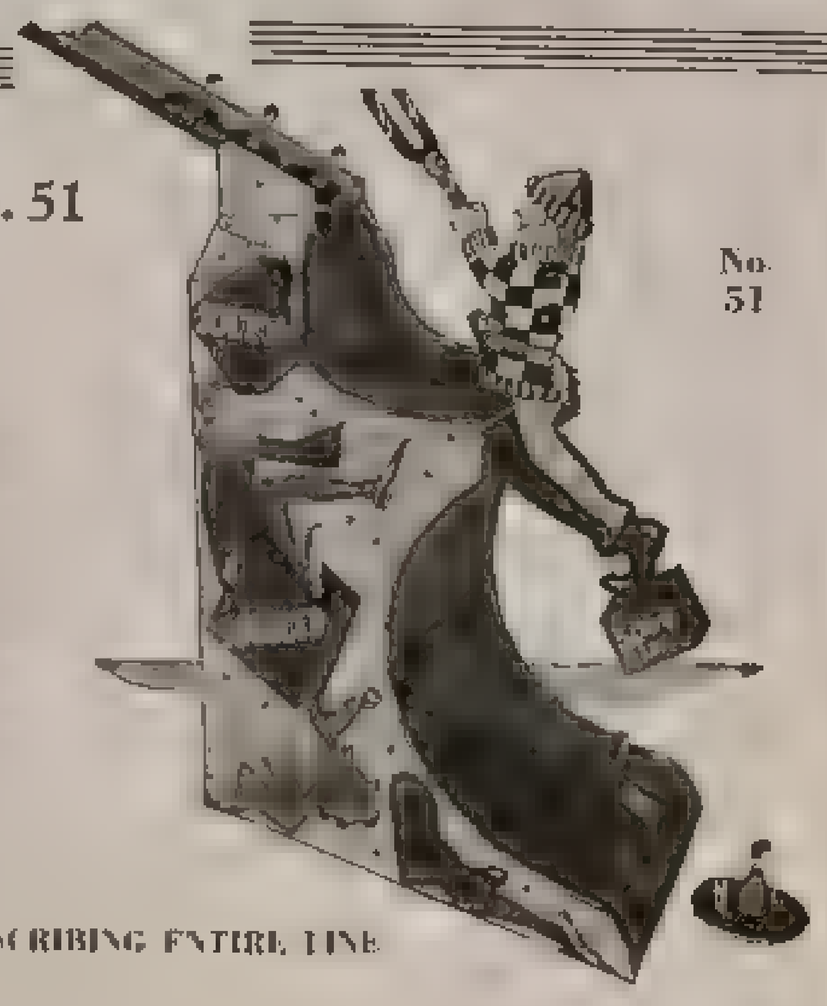
RABBIT CHASE No. 150

Improved. Now Operated by Strong Motor

No 150

JOLLY JUGGLER No. 51

4 "New and Different" Automatic Toy



No. 51

WRITE FOR NEW CATALOG 8A DESCRIBING ENTIRE LINE

WOLVERINE SUPPLY & MFG. CO.

FACTORY:
PITTSBURGH, PA.

General Sales Offices:
200 FIFTH AVE., NEW YORK
Room 806 Tel Gramercy 3153

"America Is Home Loving"

Toy Dealers Find This Line Profitable

Terre Town Toys

THIS compelling line of Toy Houses is made of strong wood-fibre corrugated board, attractive and sturdy to resist child wear. They are pleasing alike to children of all ages and parents who readily buy them as an aid to home loving tendencies

TOY HOUSES
7½ in long, 5½ in wide, 8 in high

DOLL HOUSE
20 inches long; 15 inches wide 22 inches high

TOY HOUSES 7½ in long; 5½ in wide 8 in. high
GARAGE 14½ in long; 8½ in wide; 6 in. high

Simple Attractive Low Priced Quick Selling Liberal Margin

Terre Town Toy Houses sell quickly, may be readily and repeatedly set up and taken down They store away compactly Attractively printed, they are decidedly realistic The Play House is large enough to admit several children

Retail Prices

Toy Houses, 10c
3 Houses and Garage, 50c
Doll House, $1 00
Play House, $3 00

Sale of one item from the Terre Town Toy line invariably leads to the sale of the complete Line.

Write today for Samples at Quantity Prices

PLAYHOUSE

3 feet 3 inches long 2 feet 10 inches wide, 3 feet 6 inches high. Portecochere extends additional 25 inches. Awnings and Flower Boxes attach. Doors and Windows open out

Terre Town Toy Tradesmen Terre Haute, Indiana

THE

BIGGEST

PLAY VALUE OF TODAY!

Retails for $1.00

TOOTSIETOY

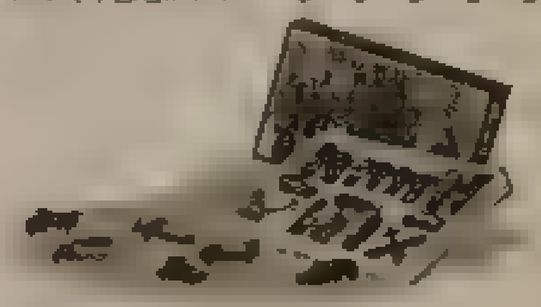
Playtime Toys

EVER increasing popularity has built an enormous national demand for TOOTSIETOY automobiles trucks trains and planes

It's not too late to order more TOOTSIETOYS for that Big Christmas rush. Because we have plenty of playtime sets in each of the FOUR sizes

Retails for $2.00

Retails for $2.50



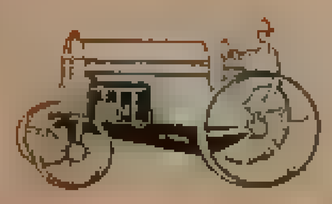
Retails for $1.50

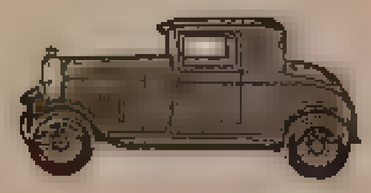
DOWST MANUFACTURING COMPANY

CHICAGO	NEW YORK	DALLAS	SAN FRANCISCO
4537-41 Fulton Street	200 Fifth Avenue	912 Commerce Street	833 Market Street

WHOLESALERS EVERYWHERE EXCEPT IN NEW YORK AND ROUEN TIER

TOOTSIETOY
PLAYTIME TOYS





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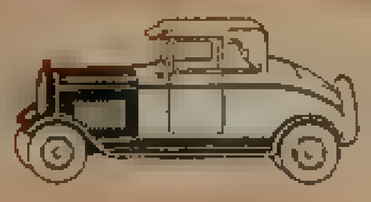
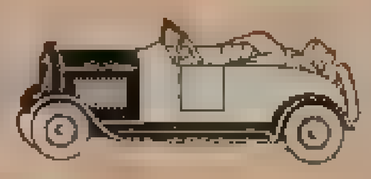
be highly pleased





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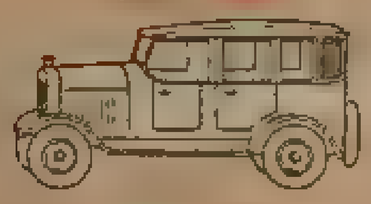
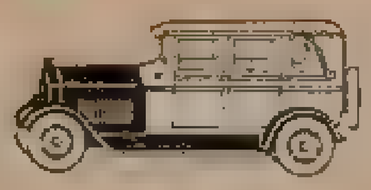
Point of Tootsietoy





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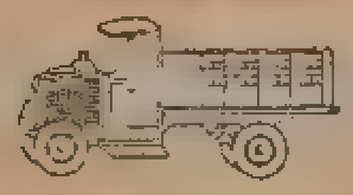

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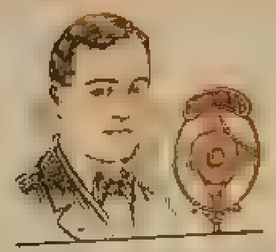
No. 1032. Sixteen brightly colored pieces. Packed for $1.50

DOWST MANUFACTURING COMPANY

CHICAGO	NEW YORK	SAN FRANCISCO	DALLAS
4537 Fulton Street	200 Fifth Avenue	833 Market Street	912 Commerce Street

Hello boys!

With your own hands build models of the world's greatest inventions



Sensational ½ Motorized ERECTOR

Builds the Motor Truck

[illegible] will give you a new idea of what Steam can be. It is [illegible] and new [illegible] in the year. It is loaded with parts and equipment [illegible] each and every [illegible] and [illegible] Mr. Gilbert, with which you can build 427 [illegible] [illegible] [illegible]

REISMAN BARRON & CO.

Brighten the HEART of every child

ADORA-BELLE DOLLS

VALUE plus SERVICE = PROFIT!

GET YOUR FULL SHARE NOW!

Don't Wait Until the Last Moment!

Send for Samples and New Illustrated Circular

200 FIFTH AVENUE

ROOM 309 NEW YORK

"Fifth Avenue Building"

[redacted]

One of the twenty-five 4-8-2 type locomotives recently delivered to the Wabash by The Baldwin Locomotive Works, photographed near Ivesdale, Ill.

Forgings Castings Springs of VANADIUM STEELS

on High-Speed Freight Locomotives for the WABASH . . . . . .

TWENTY-FIVE Mountain type locomotives, built by The Baldwin Locomotive Works and recently delivered to the Wabash Railway Company, are now engaged in fast freight service between Decatur, Illinois, and Montpelier, Ohio, a run of 272 miles, with maximum grades eastbound of 0.6% and 0.9% westbound. At high speed, the new locomotives have an increased capacity of approximately 25% more than the locomotives formerly used in the same service.

In compliance with the Railway Company's specifications, and following its past practice, the twenty-five new Mountain type locomotives are equipped with Vanadium Steels in many vital units.

Among the important forgings of Vanadium Steel are driving axles, main rods, side rods, connecting rods, knuckle pins, piston rods and valve yokes. Main engine frames and driving wheel centers are Vanadium Cast Steel, while back engine truck and tender springs are made of Chrome-Vanadium Steel.

With their higher strength, greater toughness and superior durability, Vanadium Steels are important factors in safeguarding operating dependability and continuity of locomotive service. May we send you complete data on Vanadium Steels in locomotive construction? Write us.

VANCORAM

FERRO-ALLOYS of vanadium, silicon, chromium and titanium; silico-manganese, tungsten and molybdenum, produced by the Vanadium Corporation of America, are used by steel makers in the production of high-quality steels.

VANADIUM CORPORATION OF AMERICA

120 BROADWAY, NEW YORK, N. Y.

CHICAGO *Straus Bldg.* PITTSBURGH *Oliver Bldg.* DETROIT *Book Tower*

Plants at Bridgeville, Pa., and Niagara Falls, N. Y.

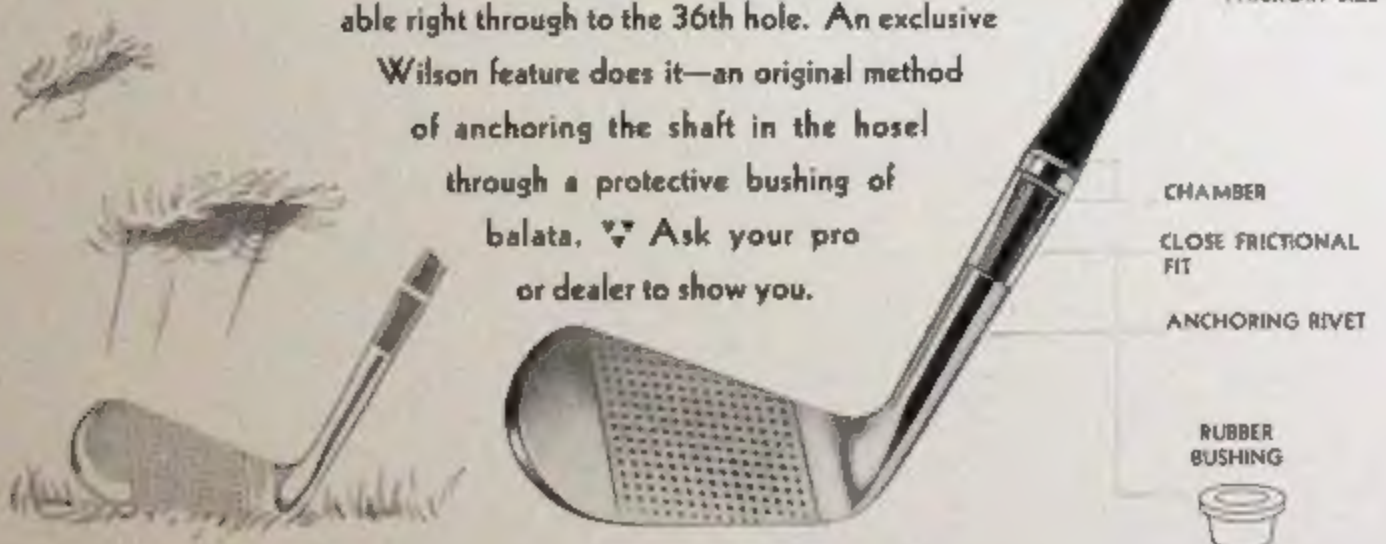
Research and Development Laboratories at Bridgeville, Pa.

VANADIUM STEELS

for strength, toughness and durability

PERFECTED TO REDUCE *Wrist Fatigue*

Those shots that you miss toward the end of the round — shots that ought to be easy — are the penalties exacted by wrist-fatigue ▾▾ penalties that hurt the crack golfer as well as the rank and file of the "once a week" army. ▾▾ Wilson has the cure. Entirely new. Entirely exclusive. Steel-shafted, matched irons — with blades of stainless steel or rustless chromium plate ▾▾ graded to the ultimate fraction of correct pitch — perfectly matched in weight and balance. ▾▾ But to the known advantages of steel-shafted clubs, Wilson has added an ultra-modern improvement. It is a marvelous method of cushioning that keeps the wrists comfortable right through to the 36th hole. An exclusive Wilson feature does it—an original method of anchoring the shaft in the hosel through a protective bushing of balata. ▾▾ Ask your pro or dealer to show you.



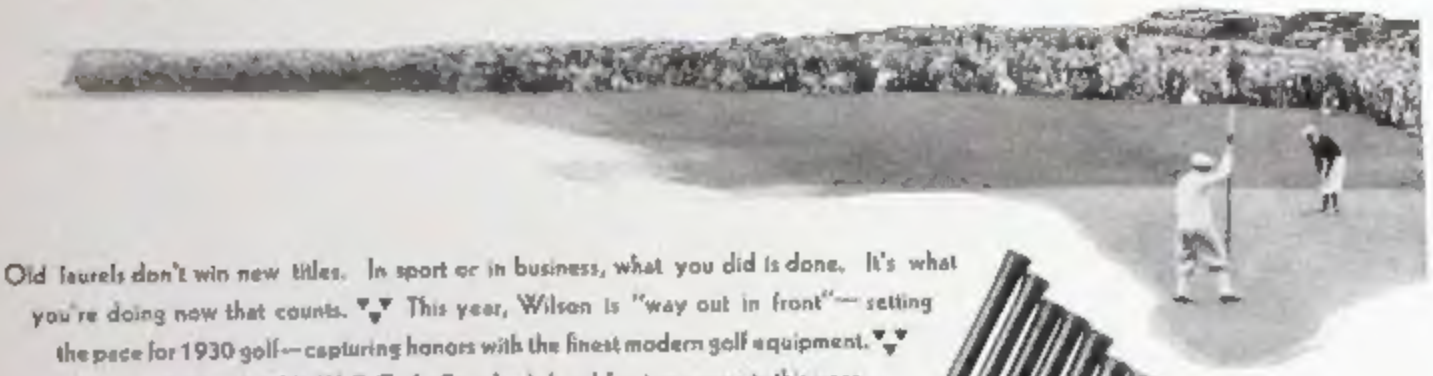
Wilson

GOLF EQUIPMENT

WILSON-WESTERN SPORTING GOODS CO.

FOOTBALL. . . BASEBALL. . . BASKETBALL. . . TENNIS

'WAY OUT IN FRONT!



Old laurels don't win new titles. In sport or in business, what you did is done. It's what you're doing now that counts. ▼▼ This year, Wilson is "way out in front"—setting the pace for 1930 golf—capturing honors with the finest modern golf equipment. ▼▼ The new 1.68 Hol-Hi (U.S.G.A. Standard, legal for tournaments this year—obligatory in 1931) meets every requirement for the sportsman golfer ▼▼ legal size ▼▼ amazing distance ▼▼ durability ▼▼ and steadiness around the greens. It performs like a thoroughbred for the expert. It saves the average golfer many strokes. ▼▼ And this year, too, an exclusive Wilson feature brings steel-shafted irons to the peak of perfection. With shafts anchored in the hosel through a balata bushing, every shot is cushioned ▼▼ wrist fatigue is reduced to the minimum. Incidentally, these irons have the necessary depth of face needed for best results with the new larger ball. Ask your pro or dealer.

Wilson

GOLF EQUIPMENT

WILSON-WESTERN SPORTING GOODS CO.

NEW YORK CHICAGO SAN FRANCISCO

FOOTBALL. . . BASEBALL. . . BASKETBALL. . . TENNIS

Again

Westinghouse Pioneers!

The Erie Railroad Places in Service the First Double Power Plant Oil-Electric Rail Car in America.

THIS car, propelled by two Westinghouse 300-hp. oil engine generator units, is entering revenue service on the Kent Division of the Erie Railroad, between Youngstown and Dayton, Ohio.

Its ability to travel smoothly at a free running speed of 60 mph. hauling two trailers as well as its ability to make more than three trips on a scheduled run of 242 miles without refueling, permits a fast, accurate, and economical schedule to be maintained.

These are just a few of the many advantages of oil electric rail cars for branch line and light local main-line passenger service.

Service, prompt and efficient, by a coast-to-coast chain of well-equipped shops

Westinghouse

T 31624

TUNE IN THE WESTINGHOUSE SALUTE OVER THE N. B. C. NATION-WIDE NETWORK EVERY TUESDAY EVENING.